

AQUINAS COLLEGE

**Undergraduate  
Academic Catalog  
2023-2024**

The information in the 2023-2024 Aquinas College Academic Catalog is subject to change without notice in order to reflect the decisions made by federal and state governments and by the Aquinas College Board of Trustees and Administration. These changes may include the elimination or modification of programs, departments, courses, policies, or other academic activities, the scheduling of classes, the cancellation of scheduled classes, and the adjustment of fees. If changes are made, the College may offer or require reasonably practical alternatives. Payment of tuition shall constitute a student's acceptance of the College's rights set forth in this paragraph.

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# Academic Calendar

## Fall, 2023

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August	21	Classes begin.
	25	Last day to add a semester-long class.
September	1	Last day to drop a semester-long class with no financial penalty.
	4	Labor Day. The College is closed. No classes.
	6	Verification of semester-long class rosters due to Registrar.
October	6	Semester progress reports for all semester-long undergraduate courses due to Registrar.
	16-20	Fall break.
	23	Classes resume.
	27	Last day to drop a semester-long or directed study class with no academic penalty.
November	22-26	Thanksgiving Break.
	27	Classes resume.
December	11-15	Final examinations according to posted schedule.
	20	Final grades due to Registrar by 4pm.

## Winter, 2023

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December	18	Classes begin.
	22	Last day to add a class.
	22	Last day to drop a class with no financial penalty.
	29	Last day to drop a class with no academic penalty.
January	12	Classes end.
	17	Grades due to Registrar by 4pm.

## Spring, 2024

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January	15	Classes begin. Daytime classes are cancelled for Martin Luther King, Jr. Day observance activities. Evening classes meet beginning at 6pm.
	19	Last day to add a semester-long class.
	26	Last day to drop a semester-long, or directed study class with no financial penalty.
March	1	Semester progress reports for all semester-long undergraduate courses due to Registrar.
	11-15	Spring Break.
	18	Classes resume.
	22	Last day to drop a semester-long class with no academic penalty.
	28	Easter vacation begins after the last class.

April	1	Classes resume at 6:00pm.
May	6-10	Final examinations according to posted schedule.
	11	Baccalaureate Mass & Commencement.
	15	Final grades due to Registrar by 4pm.

## **Summer, 2024**

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May	13	Classes begin.
	13 - July 5	8-Week Summer Session.
	13 - July 19	10-Week Summer Session.
	24	Last day to drop 8-week & 10-week courses with no financial penalty.
	29	Memorial Day. The College is closed. No classes.
June	7	Last day to drop 8-week courses with no academic penalty.
	14	Last day to drop 10-week courses with no academic penalty.
July	24	Final grades due to Registrar by 4pm.

Aquinas College follows the 16-week semester format for Fall and Spring semesters. Formats for Winter and Summer sessions vary.

# **I. The College**

Mission Statement

Vision Statement

Diversity Statement

Integrity Statement

Dominican Pillars

Aquinas College Overview

Accreditation

## **Mission Statement**

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Aquinas College, an inclusive educational community rooted in the Catholic and Dominican tradition, provides a liberal arts education with a global perspective, emphasizes career preparation focused on leadership and service to others, and fosters a commitment to lifelong learning dedicated to the pursuit of truth and the common good.

## **Vision Statement**

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Aquinas College will be regarded among the premier Catholic colleges in the Midwest, recognized for its excellence in preparing the whole person to lead a life of purpose and success in service to a just and sustainable world.

## **Diversity Statement**

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Aquinas College is committed to equality. This statement of the College speaks to this commitment, as do our history and heritage. We believe that diversity is a blessing, which brings a richness of perspectives to our intellectual, cultural, social, and spiritual life. All members of our community - faculty, staff, students - will demonstrate respect for each other regardless of our differences. All of us will be sensitive in our actions, words, and deeds. We will demonstrate these sensitivities in our classrooms, curricula, offices, meeting places, and living environments. We will maintain the diversity of our Board of Trustees, faculty, student body, and staff and appreciate the different gifts each brings to this community regardless of age, gender, race, ethnicity, religion, or disability.

**Non-discrimination Policy.** It is the policy of Aquinas College that no person on the basis of race, color, religion, ethnic origin, age, sex, sexual orientation, marital status, or disability shall be discriminated against, excluded from participation or employment in, or be otherwise subjected to discrimination under any program or activity for which Aquinas College is responsible. Reports of sex-based discrimination and inquiries regarding the application of Title IX can be made with the Title IX Coordinator, 107 Cook Carriage House, [titleix@aquinas.edu](mailto:titleix@aquinas.edu), (616) 632-2076.

## **Integrity Statement**

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Aquinas College is rooted in the Dominican traditions of prayer, study, community and service, combined with a deep respect for truth, honesty and integrity. In this spirit, we strive to create an environment in which integrity is prized and practiced. We expect all community members to uphold these values through honesty, fairness, and respect for others.

## **Dominican Pillars**

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**Prayer.** The Dominican tradition of prayer is two-fold: contemplative and communal. At Aquinas we are committed to gathering for rich liturgical prayer nourished by God’s Word and the Spirit. Prayer leads us into the deeper Truth needed to live out God’s call for us in the world.

**Study.** We commit ourselves to a love of learning, both formal and informal. This necessitates an openness to learn from tried and true scholarship as well as the most unlikely sources.

**Service.** Aquinas encourages students to engage in service projects and service learning programs. It also offers preparation for careers that will enable graduates to spread the truths that they have learned – to “make all the difference in the world.”

**Community.** We follow in the footsteps of Saint Dominic, a 13th-century preacher and founder of the Dominican order, with a commitment to building community through hospitality, inclusivity and dialogue. We have a long tradition of working together for the common good, both within the College and beyond, for racial and social justice and outreach to persons and places in need.

## **Aquinas College Overview**

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Critical thinking plays a vital role in every Aquinas College classroom and is woven into every subject. Aquinas is a place where spirit and energy abound, where there is a firm belief that passion has the power to transform lives and the world. Students of every age and background are welcomed and challenged and learn that the only limits to success are those they place upon themselves.

Ranked among the top liberal arts colleges in the nation by U.S. News and World Report, Aquinas offers an approach to learning and living that teaches students unlimited ways of seeing the world. Students study a rich variety of subjects and acquire skills that help them become critical thinkers, articulate speakers, strong writers and effective problem solvers.

At Aquinas, people matter. Founded by the Dominican Sisters ~ Grand Rapids, Aquinas is an inclusive educational community rooted in the Catholic and Dominican tradition, perpetuated by its dedicated faculty through a dynamic curriculum. The College’s enrollment of approximately 1,500 full- and part-time students from 33 states and 19 countries is small enough to ensure individual attention, yet large enough to provide a diversity of opportunities.

From the College’s establishment as Novitiate Normal School in 1886 to its current position as a premier liberal arts college, Aquinas has been marked by vision, courage, creative leadership, and innovation.

In keeping with the College’s namesake, 13th-century scholar and teacher Saint Thomas Aquinas, the College has often been considered ahead of its time. It has an enviable record of firsts, dating back to 1931 when it was the first Catholic, coeducational college in the United States to be administered by a congregation of religious women. Aquinas was the first college in Michigan to consolidate degree-completion programs for older adults, and was also the first college in Michigan to offer degrees in Master of Management and Bachelor of Science in Sustainable Business. It is in the spirit of innovation that Aquinas College has adapted a four-credit curriculum model. As one of the only colleges in the area to offer this structure, the four-credit curriculum increases the intrinsic value of the liberal arts education offered to our students.

As a liberal arts institution with career orientation, Aquinas seeks to prepare students for life after graduation. The College offers many opportunities for growth and development, both inside and outside the classroom. Aquinas alumni are well equipped with the skills to lead a responsible life and embrace the world of work. Aquinas has a 95 percent placement rate, with graduates finding employment or enrolling in graduate school within six months of graduation.



## **College Accreditation**

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Aquinas College is accredited by the Higher Learning Commission, 230 South LaSalle Street, Suite 7-500, Chicago, IL 60604, 800.621.7440.

The College is approved by the Michigan Department of Education and the Council for the Accreditation of Educator Preparation (CAEP) to recommend candidates for teacher certification.

The College is accredited by the National Association of Schools of Music.

The College has been approved to participate in the National Council for State Authorization Reciprocity Agreements.

## **II. Admissions and Registration**

### Admissions

Traditional-Age Student

Transfer Student

Continuing Education

International Student

Application Deadlines and Notification  
of Acceptance

### Registration

Student Classification

Academic Advising

Drop/Add

Independent Study

Credits

Degree Progress

Transcripts

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## **Traditional-Age Student Admissions**

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A candidate for admission to Aquinas is considered on the basis of academic preparation, scholarship, and character. While the Admissions Committee gives primary consideration to academic achievement and potential for collegiate success, talent in art, drama, music, or co-curricular activities enhances a student's application. The College strongly recommends a campus visit including a tour, information session and/or a personal interview. Applicants may seek admission in either the Fall (August) or the Spring (January) semester.

Aquinas College is a member of the Common Application and hosts an institutional application on our website at [aquinas.edu](http://aquinas.edu). Students may opt to submit either application. The College does not require or charge an application fee. To be considered as a traditional age applicant, students should submit the following credentials:

1. An official high school transcript showing grades through at least the end of the junior year. Students must submit a minimum of sixteen (16) acceptable academic units from an accredited high school. The distribution of the sixteen (16) units should represent reasonable coverage of the areas usually included in a college preparatory curriculum.
2. Personal statement or writing sample.
3. At least one letter of recommendation is recommended but not required

Aquinas is currently a test optional institution and does not require applicants to submit SAT or ACT test scores to be admitted to the college. If the applicant chooses to include SAT or ACT results, test scores must be included on the official high school transcript or sent directly from the College Board or ACT. Students who do not submit standardized test scores are not penalized in the financial aid or Admissions processes.

**Home Schooled Students.** Aquinas encourages home-schooled students to consider furthering their education after completion of their high school curriculum. Similar to other traditional age student admission requirements, students are asked to submit a high school transcript indicating the coursework, curriculum, and grades received in their program, and personal statement or essay. Aquinas College does not require an "Ability to Benefit" or standardized test scores for admission, but the student reserves the right to submit if preferred. Additional questions should be directed to the Director of Admissions.

**Early Admissions.** In the case of an exceptional student, the requirement of graduation from a secondary school may be waived at the discretion of the Admissions Committee.

**Dual Enrollment.** High school students are eligible to be dually enrolled in college courses. School districts may provide tuition, books, and course-related fees. Students must apply for admission and meet set admission requirements. Appropriate paperwork can be obtained in the high school guidance office. Please be advised that, by registering for a class, you consent to an official transcript of your college credit being released to your high school upon completion of the course. Special tuition rates exist for dual enrolled students. Please visit [aquinas.edu/dualenrollment](http://aquinas.edu/dualenrollment) for more details.

**Middle College.** For information regarding Aquinas College's admission policy of middle college credits, please refer to the admissions requirements area of our website at <https://www.aquinas.edu/admissions/undergraduate/requirements/middle-college>

## **Transfer Student Admissions - Traditional-Age Program**

**From Two-Year Colleges.** To be admitted to Aquinas, students must have earned at least a cumulative GPA of 2.0 or higher at any previous college in all acceptable college coursework. All previous credit applicable to students' degree program, excluding that earned in vocational, secretarial, or technical courses, may be accepted upon students' transfer. Any coursework below a C- will not be accepted for transfer credit. Transfer courses do not count toward the overall grade point average at Aquinas College. Aquinas accepts up to sixty (60) semester hours from an accredited community or junior college.

Prospective transfer students from two-year schools cannot be admitted if they have been dismissed from the two-year institution or are currently on academic probation

**Associate of Arts Degree.** Students entering Aquinas College who have completed the Michigan Transfer Agreement (MTA) and an Associate of Arts Degree have satisfied the general education requirements except for a course in Theological Foundations and Senior Capstone. Students will also need to complete the general education competency requirements from the following categories if not already complete through transfer of credit.

- Writing Intensive
- English & Mathematics

**Michigan Transfer Agreement (MTA).** Aquinas College accepts MTA transcripts from any Michigan college or university to meet many of the general education requirements. Details of the MTA agreement can be found online at [aquinas.edu/transfer](http://aquinas.edu/transfer). Please contact our Registrar's Office at (616) 632-2871 for additional information.

**From Four-Year Colleges.** If students transfer to Aquinas from an accredited four-year college, they may transfer all liberal arts and science credits earned at previously attended school(s) and applicable to students' degree program. Students must complete all distribution requirements and any core requirements specified in the catalog in the year in which they transfer into Aquinas College. However, at least thirty (30) semester hours must be earned in residence at Aquinas, and each department specifies the residency requirement for the major/minor. Please refer to the index for residency requirements. Prospective transfer students cannot be admitted if they have been dismissed from or are currently on academic probation at another college. A minimum cumulative GPA of 2.0 in previous courses is required. Any coursework below a C- will not be accepted for transfer credit. Transfer courses do not count toward the overall grade point average at Aquinas College.

**From Unaccredited Institutions.** Undergraduate transfer credit from any institution that is not accredited by a regional accrediting association (such as the Higher Learning Commission) will be evaluated on a course-by-course basis. In each case, the student must request from the institution a course description and an indication of the instructor's qualifications for each course evaluated for transfer.

Transfer of credit from another institution to Aquinas involves at least three considerations:

1. The educational quality of the institution from which the student transfers
2. The comparability of the nature, content, and level of credit earned to that offered by Aquinas
3. The appropriateness and applicability of the credit earned to the programs offered by Aquinas, in light of the student's educational goals

**Guest Status.** Students from other colleges may be admitted to Aquinas as guest students by obtaining a guest application from their home institution and submitting it to Aquinas. Students should request an official transcript to be forwarded to their home institution upon the completion of the course. Guest students are charged the applicable per semester hour tuition rate.

## **Continuing Education Admissions**

Continuing Education students are those persons beyond conventional college age who are established in their adult lives and careers and whose education has been interrupted. Students considered for the Continuing Education program must meet the standard eligibility requirements for any on-campus instruction. Accordingly, to be considered for admission to our Continuing Education program, an applicant must meet at least one of the following criteria:

- Students whose education has been interrupted (an interruption of two or more years in higher education, or four or more years since high school graduation), or who have been continuously employed on a full-time basis for two or more years and who qualify as a self-supporting student as defined by financial aid regulations.
- All veterans of the Armed Forces or persons who hold a bachelor's degree or professional diploma.

Prior to beginning coursework at Aquinas, new Continuing Education students without an Associate of Arts degree may be required to take placement testing in areas of reading comprehension, writing, and mathematics. Testing is intended to help Continuing Education students plan a successful undergraduate program based on their individual needs.

An Admissions Review Committee will determine the student's program classification.

## **International Student Information**

At Aquinas College, international students are defined as nonimmigrant students who hold a temporary U.S. study visa (F-1) that indicates their intention to return to their home country upon completion of academic studies. U.S. Citizens, permanent residents, Deferred Action for Childhood Arrivals (DACA), and students from U.S. territories and protectorates are not classified as international students.

*Application Procedures.* All international students who wish to be considered for admission to Aquinas College must submit:

- An Aquinas College International Student Application form for the appropriate program for which they wish to pursue at [aquinas.edu/apply](http://aquinas.edu/apply) (Undergraduate, Masters of Management, etc.)
- A 300-500 word personal statement essay
- A carefully-completed Proof of Financial Support Form indicating financial support and supporting documents
- Translated and certified official copies of all previous academic work at the secondary school and college level evaluated by InCred or another international transcript evaluation service
- Copy of passport ID page
- Proof of English Proficiency: TOEFL score of 79 or above (internet based), IELTS score of 6.5 or above, Duolingo score of 100 as supplement to TOEFL or 105 as standalone test, or completion of ELS Language Center course of 112. This requirement is waived for citizens of countries where English is the native language.

**English Language Proficiency.** A student cannot have a successful educational experience at Aquinas without considerable knowledge of English. All textbooks and lectures are in English and are designed for American students. Essays, examinations and term papers are expected to be written in acceptable English. Prior to acceptance, each international student applicant for an undergraduate degree must demonstrate satisfactory proficiency in the English language by submitting scores from the TOEFL examination or another recognized test of English-language proficiency. The following scores: TOEFL - Computer based (213 or higher), TOEFL -

Internet based (79 or higher), IELTS (6.5), or Duolingo (105 as standalone or 100 as supplement to TOEFL) are the minimum acceptable standard for English proficiency. Two years of non-ESL based education at a U.S. Secondary School or completion of ELS Language Center course of 112 also meets this standard. Grades in English courses at another college or university will not be sufficient proof of English-language competence.

**Financial Aid.** New undergraduate international students may qualify for partial tuition scholarships. These scholarships may be renewed for up to five years of study at Aquinas College. Selection of scholarships is based on academic and athletic merit.

On-campus jobs for international students may be available. These jobs are meant to provide small amounts of money for incidental expenses, not to pay tuition, room, or board expenses. Prior to acceptance, all international students must demonstrate sufficient financial resources, including all financial aid, to pay for tuition, room and board, medical and living expenses, books, and fees.

**Health.** International students must meet the requirements of the United States for vaccinations and immunizations before entering this country. All students are required to submit a completed physical examination form before they arrive at the College, and may be asked to provide proof of measles, mumps and rubella vaccinations, as well as current tetanus and tuberculosis immunizations.

**Medical Insurance.** Health care in the United States is very expensive and it is required that all international students purchase the health insurance policy that Aquinas has secured. The Aquinas College Health Center will consider a waiver of this requirement if a student provides proof of coverage from a United States insurance company. Students may opt to enroll in an insurance plan when they complete the orientation materials prior to their arrival. Because dental insurance is not available through Aquinas College, it is recommended that dental work be done prior to departure from the home country.

## **Application Deadlines and Notification of Acceptance**

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Aquinas College is a rolling admission institution and offers a priority deadline of November 1<sup>st</sup>. Students applying by November 1<sup>st</sup> will receive admissions decisions by November 15<sup>th</sup>. Applications received after November 1<sup>st</sup> are reviewed on a rolling basis. Admitted first-year students choosing to enroll must submit an enrollment deposit, preferably by May 1<sup>st</sup>, followed by an official, final high school transcript indicating a date of graduation. The enrollment deposit for admitted candidates is refundable until May 1<sup>st</sup>, but is non-refundable after May 1<sup>st</sup>. Students interested in on-campus housing are strongly encouraged to submit a housing application prior to June 1<sup>st</sup>.

After a candidate has submitted their enrollment deposit to reserve a space in the first-year class, information on course selection and registration will be sent. Required health and medical forms will be made available on the Aquinas College website. The health forms must be completed by the candidate's physician and sent to the Counseling, Health and Wellness Service Office before the student begins classes.

# Registration

**Registration.** Newly accepted first-year students and transfer students attend on-campus advising sessions, which are held prior to the start of each semester. After the first semester, students register via MyAQ or by contacting the Registrar's Office. Comprehensive registration instructions are found in the course schedule each semester.

**Returning Students.** Aquinas College updates student records three times per year (January 15, June 15, and September 15) to determine which students are actively pursuing their program. A student is considered active if they are currently enrolled, are registered for a course in a coming semester, or have been enrolled in one of the two preceding sessions. When a student's program is inactive, they are no longer enrolled at Aquinas College, no longer have an Aquinas College email account, and no longer have access to all Aquinas College student systems. If a student's program is inactive and they wish to re-enroll, they must re-apply. Returning students apply through the Admissions Office.

**Late Registration Fee.** Students who have not completed their registration process by the published registration deadlines will be assessed a Late Registration Fee of \$150.00 per class. Late Registration is at the discretion of the Registrar and Provost.

**No Show Fee.** Students who do not officially drop a class within the initial add/drop period, and are administratively dropped from a class because of non-attendance, will be assessed a fee of \$150.00 per class. Students who are full-time after the second week of the semester and who are administratively dropped from a course will be financially responsible for full-time charges, even if the administrative drop results in the student being enrolled less than full-time. For students officially dropping a class, either before the class starts or within the add/drop period, there will be no charge. Students are responsible for their registration. Assistance is available through the Registrar's Office.

## Student Classification

**Classification of Students.** Undergraduate students are classified as regular full-time, regular part-time, continuing education, guest students, dual enrolled students, or non-degree seeking students.

A regular full-time student is one who is enrolled in a degree program taking twelve (12) or more hours of coursework each semester. Any student who registers for fewer than twelve (12) hours a semester is considered a part-time student. All students studying at Aquinas on a student visa are considered regular students.

Continuing Education Programs are intended for persons beyond conventional college age who are established in their adult lives and careers and whose education has been interrupted. An Admissions Review Committee determines the student's program classification.

A guest student is one who attends Aquinas for one semester in order to complete a class or classes to transfer to the home institution.

Students are further classified according to the number of semester hours they have accumulated:

- First Year: 0 – 27 Semester Hours
- Sophomore: 28 – 59 Semester Hours
- Junior: 60 – 89 Semester Hours
- Senior: 90 + Semester Hours

Non-degree students are those who do not plan to qualify for a degree. Courses taken by non-degree students will not be counted toward a degree unless the student has been officially admitted as a degree-seeking student. Students are accepted as non-degree students at the discretion of Aquinas College.

Osher Lifelong Learning Institute (OLLI) at Aquinas College offers course opportunities to adults 50 years of age and above. Courses are not to be taken for credit and tuition is adjusted for OLLI students only.

**Dual Enrollment.** Aquinas College offers dual enrollment with local high schools. Eligible juniors and seniors are able to take traditional college courses that have the same rigor and expectations as those taught on the Aquinas campus. Upon successful completion, students earn college credit from Aquinas College.

## **Academic Advising**

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Academic advisors are faculty and professional staff who assist students in planning their academic programs. Academic advisors are available throughout the year to assist students with any academic concern. A faculty member in the student's major department will become the faculty advisor upon the student's declaration of major.

**Unit of Instruction.** The unit of instruction is the semester hour, which is defined as equivalent to one class period of fifty (50) minutes per week of the semester.

**Course Load.** Full-time students usually enroll for fifteen (15) or sixteen (16) hours. To enroll for more than eighteen (18) hours in a semester, students must have the permission of the Registrar. Additional tuition charges apply.

## **Drop/Add**

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Students may add courses according to the published registration deadlines. Students may drop a course without academic penalty up to the midpoint of the semester, except where a breach of academic honesty warrants the failure of the course. If the student does not complete the course and has not dropped the course by the final date to drop, a grade of "F" will be given for the course. It is the responsibility of the student to drop and add courses online or in the Registrar/Advising Center and to verify that the changes that they have made have taken place on their record. Registration and add/drop deadlines are published on the website.

Financial penalties relating to dropping a class can be found in the Expenses and Financial Aid section of this catalog.

**Withdrawal.** A student may choose to withdraw from all courses in a particular semester because of personal or health reasons. The student must notify the Registrar in writing of their intent to withdraw by completing a Withdrawal Form available in the Registrar/Academic Advising Center. The student will incur tuition charges according to the date of written notification of their withdrawal. Academic penalties will be incurred for any courses that are past midterm at the time of withdrawal.



Students should contact the Admissions Office when ready to return to Aquinas College. Aquinas may require that the student provide a professional assessment by a qualified medical doctor or other professional depending on the reason for withdrawal.

Please note that if the Registrar receives notification that a registered student is no longer attending classes and has made no approved arrangement with instructors and the Registrar, the Registrar has the prerogative to immediately withdraw the student from Aquinas College. The student will be subject to all costs for tuition and must reapply for admission to the College. The Registrar may also register a student for a class they are attending but not registered for, which may result in added tuition costs and late registration fees.

The College realizes that on occasion, students may need to request an exception to the withdrawal policy. If the withdrawal was due to mitigating circumstances that were beyond the student's control, the student has the opportunity to provide relevant documentation to support a request to remove academic penalties. Please see the Registrar for assistance.

Please refer to the Expenses and Financial Aid Section of this catalog for a complete explanation of the Withdrawal Policy and the corresponding Financial Aid ramifications.

## **Independent Study and Tutorials**

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Students may independently pursue areas of study beyond the regularly scheduled courses. Each department offers this opportunity through courses 398 and 399. To register for one of these courses a student must first request an instructor to direct the project. If the instructor agrees, the student must entirely complete an Independent Study/Tutorial contract with that instructor, obtain the signatures of the faculty member and chairpersons, and take the contract to the Registrar/Academic Advising Center. The Registrar will register the student for the approved courses. Independent Study contracts may not be dropped after the first meeting day on the contract. These contracts are subject to approval by the Registrar and the Provost.

From time to time, for extenuating circumstances, students may ask for a course to be taught as a tutorial. Courses will only be taught as tutorials if the student needs the course and the course either has been canceled or does not appear in the schedule. Courses that have multiple sections offered are not considered for a tutorial. A qualified instructor may agree to teach a tutorial with permission from the department chair. To register for a tutorial, a student must entirely complete an independent study/tutorial contract (including rationale as to why it must be taught in this format), obtain the faculty and chairperson's signatures and take the contract to the Registrar/Academic Advising Center. Like Independent Study Contracts, tutorials cannot be dropped after the first meeting date on the contract and are subject to approval by the Registrar and Provost.

## Credits

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**Credit-F Courses.** Most courses are taken for a letter grade. However, a student who is enrolled in a course not in their major or minor may submit, during the first week of class only, a request to the instructor to be allowed to take the course on a Credit/No Credit basis. Credit equals C– or higher. The instructor has the prerogative to grant or deny the request.

Grades of “CR” (credit) count toward the 120 hours required for a degree but are not calculated in the GPA. Grades of “F” are failures and are calculated in the GPA. No more than eight courses taken for “CR” (credit) may be applied toward a degree.

**Auditors.** Most courses are open to auditors, who must be formally admitted to the College and must pay the tuition for auditing, which is half the regular rate. Auditors are expected to attend all classes and participate in the assigned activities of the class. They may take all tests and submit assigned papers for evaluation, but they are not required to do so. Auditor status must be declared at the time of registration. In the event of limited registration, grade enrollees will be given preference.

**Repeat Courses.** A student may repeat a course only once, unless a further repetition is approved by the Provost. Each grade will be recorded on the student’s transcript for every course taken. The last grade will be the grade used to calculate the GPA.

**Additional Methods of Credit.** Aquinas College awards credit for the Advanced Placement Program (AP) and the College Level Examination Program (CLEP) through the College Board. Aquinas College will accept semester hours for those courses determined comparable to courses offered at Aquinas College for a minimum score of (3) for AP, and according to the minimum American Council on Education (ACE) recommended score for CLEP, and finally determined by the Academic Department in which the credit would reside to be acceptable in transfer.

Aquinas College awards credit for the International Baccalaureate Program (IB), an internationally recognized, pre-university curriculum based on an academically challenging integrated curriculum and international standards. Aquinas College will accept the Higher Level (HL) courses and exams with a minimum score of five (5) for general college credit. Credit may be awarded within a specific department only with further approval of the department. There is a combined semester hour maximum of thirty (30) hours for any AP, CLEP, or IB.

**Credit by Examination and Evaluation.** If a student believes they have had experience comparable to a course listed in this catalog for which they have not received transfer credit, the student may apply for credit by examination. Student application for credit by examination requires a non-refundable \$50.00\* fee. If a student’s application for credit by examination is approved, the department chairperson is responsible for giving the examination and reporting the result to the Registrar/Academic Advising Center.

Any credit approved will be added to the student’s permanent record for a fee of \$100.00\* per semester hour granted. Credit acquired in this manner is not considered residency credit. Applications are available in the Registrar/ Academic Advising Center in Hruby Hall.

**Credit through Demonstration of Prior Learning Competency.** Continuing Education students have the opportunity to demonstrate competency and prior college-level learning for credits. The American Council for Education defines prior learning as academic credit granted for demonstrated college level equivalencies gained through learning experiences outside of the college classroom. These credits may be used to: satisfy course prerequisites; meet general education requirements; meet major/minor requirements; meet elective credit requirements or general credits towards those needed for graduation. These credits may not be used to meet residency requirements for a major, minor, or a degree. The maximum prior learning credits allowed per student is

12 semester hours. The application for Prior Learning is available at the Registrar and Advising Center or at the following link: [aquinas.edu/registrar](http://aquinas.edu/registrar). The application requires a non-refundable \$50.00 fee per course.\* Any credit approved will be added to the student’s permanent record for a fee of \$100.00\* per semester hour granted.

\*All fees are subject to change.

**Cumulative GPA.** Student cumulative GPA represents numerically the average of the letter grades students receive in coursework. Each letter grade (as demonstrated in the grading chart) has a certain honor-point value. Student cumulative GPA is calculated as follows:

Number of semester hours as:

A	x	4.0
A-	x	3.7
B+	x	3.3
B	x	3.0
B-	x	2.7
C+	x	2.3
C	x	2.0
C-	x	1.7
D+	x	1.3
D	x	1.0
D-	x	0.7
F	x	0.0

The honor-point total divided by the total semester hours (excluding courses in which students received “credit”) gives the cumulative GPA.

## Degree Progress

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**Progress toward the Degree Evaluation.** A student's work in each course is evaluated by a letter grade and by the number of points earned.

Grade (per semester hour)	Honor Points
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D+	1.3
D	1.0
D-	0.7
F	0
I	Incomplete

Graduation requires an Aquinas GPA of 2.000 and a cumulative GPA of 2.000.

**Prerequisites.** Successful fulfillment of a designated prerequisite requires a minimum grade of C- or higher if designated as such by the academic department.

A grade of C- or higher is required for GEN 100: First Year Seminar, world language proficiency courses, and mathematics proficiency courses. A grade of C- or higher is also required for each course within the major, minor, or concentration, unless otherwise specified by the department. Students seeking a teaching certificate must earn a grade of C or above in all major, minor, and education courses. All Aquinas College grades are recorded on an official transcript and are calculated in the student's cumulative GPA.

**Incomplete Grades.** At the end of a semester, a grade of Incomplete may be reported for student work. It is the student's responsibility to request a grade of Incomplete from the instructor. The request may be approved or denied at the discretion of the instructor. A grade of Incomplete is appropriate when the majority of the coursework is completed, but for some acceptable reason the student is unable to complete the remaining work before the end of the course. A grade of Incomplete is not issued when the student stops attending or participating in the class. If the instructor approves the request for a grade of Incomplete, the instructor will determine the due date for the outstanding work, not later than week eight of the next regular (excluding Winter and Summer) semester. If the work has not been completed by the student and a new grade submitted by the instructor to the Registrar's Office within the first eight weeks of the next regular (excluding Winter and Summer) semester, the final grade automatically becomes F and cannot subsequently be changed. Only in rare or exceptional cases can permission be given by the instructor to extend the deadline by another five weeks. The instructor must notify the Registrar's Office of an extension.

**Probation, and Dismissal.** Students are placed on academic probation when it appears that their performance places their academic objectives in jeopardy. See “Academic Policies” section of this catalog for complete information.

## **Transcripts**

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The permanent, official record of a student's academic performance and progress is maintained by the Registrar's Office. The transcript contains all essential academic data such as: dates of attendance, courses taken, credits and grades awarded, academic standing, degrees, and degree honors received.

Students are responsible for reviewing their academic record, including grades and credits recorded, at the conclusion of each semester. Students must report in writing any discrepancies to the Registrar's Office within 60 days of the end of the semester in order to request a review of the record. After this period, the record is considered final.

Transcript requests should be made through the Aquinas College website, on the Registrar page or in the Registrar/Academic Advising Center. Transcripts are not issued until the student has made satisfactory arrangements with the Student Accounts Office in regard to payment of all College bills and fines. Official transcripts are subject to fees, which may fluctuate annually. There are additional fees when ordering online.

**Assessment Testing.** As part of our ongoing program review and accreditation efforts, students are occasionally requested to take part in surveys and assessment testing sponsored by the College. Because these efforts are vital to the College's ongoing accreditation, students are required to participate when selected to ensure the validity of the random samples. Results are viewed on an aggregate basis and students' individual performances on these tests will have no bearing on their academic status.

## **Family Educational Rights and Privacy Act**

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Aquinas College maintains the confidentiality of student records in accordance with the Family Rights and Privacy Act (FERPA) of 1974 as amended. The Registrar coordinates the inspection and review procedures for student records.

No one outside the institution may have access to, nor will the institution disclose any information from, students' educational records without the written consent of the student, *except*:

A postsecondary institution may disclose personally identifiable information (PII) from the education records without obtaining prior written consent of the student as follows:

- To other school officials, including instructors, within Aquinas College whom the school has determined to have legitimate educational interests. This includes contractors, consultants, volunteers, or other parties to whom the school has outsourced institutional services or functions as long as requirements are met.
- To officials of another school where the student seeks or intends to enroll, or where the student is already enrolled if the disclosure is for purposes related to the student's enrollment or transfer.
- To authorized representatives of the U. S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or State and local educational authorities, such as a State postsecondary authority that is responsible for supervising the college's State-supported education programs. Disclosures under this provision may be made in connection with an audit or evaluation of Federal- or State-supported education programs, or for the enforcement of or compliance with Federal legal requirements that relate to those programs. These entities may make further disclosures of PII to outside entities that are designated by them as their authorized representatives to conduct any audit, evaluation, or enforcement or compliance activity on their behalf.

- In connection with financial aid for which the student has applied or which the student has received, if the information is necessary to determine eligibility for the aid, determine the amount of the aid, determine the conditions of the aid, or enforce the terms and conditions of the aid.
- To organizations conducting studies for, or on behalf of, the school, in order to: (a) develop, validate, or administer predictive tests; (b) administer student aid programs; or (c) improve instruction.
- To accrediting organizations to carry out their accrediting functions.
- To parents of an eligible student if the student is a dependent for IRS tax purposes.
- To comply with a judicial order or lawfully issued subpoena.
- To appropriate officials in connection with a health or safety emergency.
- Information the school has designated as "directory information".
- To a victim of an alleged perpetrator of a crime of violence or a non-forcible sex offense. The disclosure may only include the final results of the disciplinary proceeding with respect to that alleged crime or offense, regardless of the finding.
- To the general public, the final results of a disciplinary proceeding, if the school determines the student is an alleged perpetrator of a crime of violence or non-forcible sex offense and the student has committed a violation of the school's rules or policies with respect to the allegation made against him or her.
- To parents of a student regarding the student's violation of any Federal, State, or local law, or of any rule or policy of the school, governing the use or possession of alcohol or a controlled substance if the school determines the student committed a disciplinary violation and the student is under the age of twenty-one (21).

Educational records or components thereof may be made available without the student's written consent to personnel within the College who are determined by the institution to have a legitimate educational interest. The College will maintain a record of all requests and disclosures of personally identifiable information except those made to Aquinas College officials. Legitimate recipients of all such records will be informed that they are not permitted to disclose the information to others.

Students may review their education records by making a written request to the Registrar. Students may not inspect financial information submitted by their parents; confidential letters and recommendations associated with admissions, employment or job placement, or honors, to which they have waived their right of inspection or review; or educational records containing information about more than one student.

Per the College's discretion, it may disclose the following categories of public or "directory" information for any purpose: student name, addresses, telephone numbers, dates of attendance, class, date and place of birth, major field of study, previous institutions attended, awards, honors (includes Dean's List), degrees conferred (including dates), photograph, past and present participation in officially recognized activities and sports, physical factors (e.g. weight and height of athletes).

Currently enrolled students may withhold disclosure of any such information under the Family Rights and Privacy Act of 1974, as amended. To withhold disclosure, written notification must be received by the Registrar prior to the first Friday following final registration for each semester. Requests for non-disclosure will remain in place until the student requests that the non-disclosure be lifted.

The law provides students with the right to inspect and review information contained in their education records, to challenge the contents of their educational records, to have a hearing if the outcome of the challenge is unsatisfactory, and to submit explanatory statements for inclusion in their files if they feel the decisions of the hearing panels are unacceptable. The Registrar coordinates the inspection and review procedures for student educational records.

Students wishing to review their educational records must make written requests to the Registrar listing the item or items of interest. Only records covered by the Act will be made available within forty-five (45) days of the request. After review students may have copies made of their records with certain exceptions, (e.g., a copy of the

academic record for which a financial hold exists, or a transcript of an original or source document which exists elsewhere).

These copies would be made at the student's expense at prevailing rates. Educational records do not include records of instructional, administrative, and educational personnel which are the sole possession of the maker and are not accessible or revealed to any individual, records of a law enforcement unit, student health records, employment records or alumni records.

Students who believe that their educational records contain information which is inaccurate or misleading, or is otherwise in violation of their privacy or other rights, may discuss their concerns informally with the Registrar. If the decisions are in agreement with the student's request, the appropriate records will be amended. If not, the student will be notified within a reasonable period of time that the records will not be amended, and they will be informed by the Registrar of their right to a hearing. Student requests for a formal hearing must be made in writing to the Registrar. Additional information regarding the hearing procedures will be provided to the student when the student submits the written request for a hearing.

Students who believe that their rights have been abridged may file complaints with the Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue SW, Washington, DC 20202 or (202) 260-3887.

## **III. Academic Policies**

Attendance

Student Email Account Policy

Student Records

Academic Integrity

Academic Grievances

Academic Probation, Dismissal & Warning

Dean's List



# Academic Policies

Aquinas College students are responsible for knowing and abiding by all rules and regulations as outlined in the Aquinas College Student Conduct Code. For more information, or a full list of all policies, please visit [aquinas.edu/policies](http://aquinas.edu/policies).

## **Attendance**

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Responsibility for class attendance rests with the individual student. Most instructors have an attendance policy in their classes, and attendance in the general education core courses is mandatory. Regular and punctual attendance is expected, and the student must accept the consequences of failure to attend or tardiness.

In the case of student absence due to temporary illness, injury, or personal difficulty, the Registrar's Office will notify the student's professors via email. Proper documentation should be provided by or on behalf of the student. Notification may be made at the request of the student, the Athletic Department, the Office of Student Affairs, or other appropriate College office. Students with disabilities that may impact class attendance may contact Accessibility Services (616 632-2177) to request reasonable accommodations. Students in mental health crises may contact Counseling, Health, and Wellness (616 632-2905) to facilitate notification.

It is the student's responsibility to communicate directly with each faculty member (prior to the absence, if possible) to discuss missed class meetings and course requirements. Each faculty member has final authority over any academic consequences associated with absence from class.

**Student Email Account Policy.** Every Aquinas College student is assigned an e-mail account. It is the policy of the College when disseminating official College business information electronically to use College-assigned accounts.

Further, it is the responsibility of each student to check the College-assigned e-mail account regularly. If a student uses another account as their primary account, then mail sent to the College-assigned address should be forwarded to that primary account. Initializing this procedure can be accomplished by following instructions provided on Google's Help Center, <http://support.google.com/mail/>.

## **Student Records**

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**FERPA.** The Family Rights and Privacy Act of 1974 is described in detail in the Registrar section.

**Student Right-to-Know Act Disclosure.** In compliance with the Student Right-to-Know Act of 1990, current and prospective students may obtain graduation rate and transfer-out information for a cohort of students (full-time, first-time degree seeking undergraduates) from the Provost Office.

**Examinations.** Regular examinations in all subjects are held at the end of each semester. If a student unavoidably misses a test, it is their responsibility to contact the instructor to request a make-up test. The instructor has the prerogative to grant or deny the request. Regular examinations in all subjects are held at the end of each semester. If a student unavoidably misses a test, it is their responsibility to contact the instructor to request a make-up test. The instructor has the prerogative to grant or deny the request.

**Grade Reporting.** An email to each student receiving grades for the registration period will be sent to their official Aquinas College email account notifying them that their grades are available for viewing on My AQ. A

printed grade report may be sent to the student upon their request to the Registrar/Academic Advising Center.

Semester progress reports are issued to all undergraduate students for semester-long classes. On these reports, (S) Satisfactory, (M) Marginal, or (U) Unsatisfactory are listed on My AQ, but are not recorded in the student file or on a transcript. These reports are to alert the student to their progress as they approach the midpoint of each semester-long course in which they are enrolled.

**Progress Toward the Degree.** A student's work in each course is evaluated by a letter grade and by the number of honor points earned. Please refer to the Admissions and Registration Section of this catalog for complete information on honor points, the honor points table and an explanation of grades.

## **Academic Integrity**

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An Aquinas education is firmly grounded in the values articulated in our official Integrity Statement: Aquinas College is rooted in the Dominican traditions of prayer, study, community and service, combined with a deep respect for truth, honesty, and integrity. In this spirit, we strive to create an environment in which integrity is prized and practiced. We expect all community members to uphold these values through honesty, fairness, and respect for others. Students, faculty, and staff are expected to act based on these values; therefore, academic dishonesty is treated as a serious offense.

### **Forms of Academic Dishonesty**

**Plagiarism.** It is understood that when students submit academic work, they are responsible for its integrity. When students submit work claimed to be their own, but which in any way uses ideas, organization, wording, or anything else from some other source without an appropriate acknowledgment of that fact, plagiarism has occurred. Plagiarism may take many forms. In general, however, it can be defined as presenting as one's own the words or work or opinions of another.

Students commit plagiarism when they submit as their own work:

- Part or all of an assignment copied or paraphrased from another source, any on-line source, a book, a magazine, or a manuscript, without proper citation
- Material prepared by another person or organization
- The sequence of ideas, arrangement of material, or thought pattern of someone else. Plagiarism occurs when such a sequence of ideas is transferred from the source(s) to a paper or other student work without the process of reflection, integration, and reorganization in the writer's mind, and without proper citation
- Writing generated by an AI program such as, but not limited to, ChatGPT

Students are accomplices in plagiarism and equally culpable if they:

- Willfully allow their work, such as a paper in outline or finished form, to be copied and submitted as the work of another
- Prepare a written assignment for another student and allow it to be submitted as the other student's own work

In terms of plagiarism, when in doubt as to the criteria for assignments, it is the student's responsibility to consult beforehand with the instructor who will receive the finished work.

**Cheating.** Cheating includes, but is not limited to, any attempt by students to answer questions on a test or quiz by any means other than their own knowledge. Examples of cheating include, but are not limited to:

- Use of any materials in the process of completing an examination which have not been approved by the instructor; including a cell phone or other digital storage device
- Transmission of information, either given or received, during an examination period
- Intended observation of another's work for hints on materials or technique during a laboratory test without the consent of the instructor;

- Obtaining, in part or in whole, a copy of the examination without consent of the instructor
- Buying or procuring previous examinations given in the course without the consent of the instructor
- Submission of identical papers of work for two different courses without the explicit approval of both instructors.
- Falsification of official documents such as internship hours, service or volunteer hours, student teaching logs, etc.
- Using answers generated by an AI program such as, but not limited to, ChatGPT.

**Complicity.** Complicity is assisting or attempting to assist another person in any act of academic dishonesty.

- Students may not allow other students to copy from their papers during an examination or on any assignment.
- Students may not assist other students in acts of academic dishonesty by providing substantive information about test questions or the material to be tested before a scheduled examination, unless they have been specifically authorized to do so by the course instructor. This does not apply to tests that have been administered and returned to students in previous semesters.

**Violations of the Academic Honesty Policy.** If a student is suspected of cheating or plagiarism, the instructor will communicate with the student. If it is confirmed that a violation has occurred, the instructor will determine which of the following penalties is to be applied in accordance with the instructor's course syllabus:

- The student may fail the test or paper in question.
- The student may be required to resubmit work or do additional work.
- The student may be assigned a grade of "F" for the course.

**Procedural Fairness.** Timeliness is essential. All parties have a responsibility to respond promptly to Academic Integrity notifications and to resolving cases fairly, confidentially, and expeditiously.

During the process, students may not drop a class without consent from the reporting faculty member and should continue attending class and submitting assignments. The Registrar will place a hold on the student's account until the case is resolved.

The Academic Integrity Liaison has a responsibility to meet with the student and guide them through the case resolution process detailed below. The Academic Liaison will determine whether the evidence provided reasonably supports the allegation.

The Dean of Students Office is responsible for maintaining Academic Integrity reports as part of the Student Judicial database. Transcript designations are not used for violations

**Grade Sanctions.** Reporting instructors are responsible for assigning appropriate sanctions and are encouraged to consult with the Academic Integrity Liaison. All sanctions must be consistent with the current Course Catalog and course syllabus.

**Second Offense: College Sanctions.** All students who accept responsibility for an Academic Integrity Sanction will be notified that a second offense could result in suspension or expulsion from the College. If a second offense occurs, the additional sanction will be determined by the Provost, the Dean of Students, and the Academic Integrity Liaison. All sanctions are final and not subject to appeal.

### **Case Reporting**

**Academic Integrity Liaison Responsibilities.** The Academic Integrity Liaison is responsible for meeting with students and faculty promptly, providing a fair assessment of evidence, making recommendations about college standards, and seeing each case through the resolution process. Additionally, the Liaison is charged with maintaining confidentiality and reporting cases, sanctions, and recommendations to the Provost annually.

**Faculty Responsibilities.** To impose a sanction, faculty members must meet with the student confidentially, explain the alleged violation and proposed sanction, and submit the on-line “Academic Integrity Reporting Form” including the corroborating evidence. Faculty must inform students to contact the Academic Integrity Liaison within three business days and explain the resolution process by directing the student to <https://www.aquinas.edu/campus-integrity>.

**Student Responsibilities.** When a faculty member files an “Academic Integrity Reporting Form,” the student must contact the Academic Integrity Liaison within three business days to schedule an appointment. The function of this meeting is to clarify policies, review the submitted materials, and discuss the options for appeal when warranted. Failure to do so will result in an academic hold being placed on the student’s account and after one week, the case will be referred to the Student Conduct Team for resolution and possible additional sanctions.

### **Case Resolution**

**Waivers.** In the event that a student wants to accept responsibility after meeting with the faculty member, they may waive the Academic Integrity Liaison meeting, by submitting and signing the “Academic Integrity Student Response” form on-line.

**Academic Integrity Review Meeting.** In all other cases, the student must set up a meeting with the Academic Integrity Liaison within three (3) business days. This meeting is not a hearing. The Academic Integrity Liaison will review the evidence and determine whether the Student Code of Conduct has been violated and offer the student counsel and support until the case is resolved.

During this meeting the Academic Integrity Liaison will:

1. Review the allegation with the student.
2. Allow the student to respond to the allegation and the evidence compiled.
3. Review relevant policies and issues with the student.
4. Review process and answer student’s questions.
5. Provide the student with opportunity to:
6. Present further information,
7. Offer additional perspectives, and/or
8. Suggest avenues of investigation.

**Resolution.** Following this meeting, the Academic Integrity Liaison will determine if a preponderance of evidence indicates that it is “more likely than not” that a violation occurred.

If the Academic Integrity Liaison determines that insufficient evidence of a violation exists and:

1. The reporting faculty member agrees, then the case can be dropped.

2. The reporting faculty member does not agree, then the matter will be referred to the student conduct process to determine whether a violation occurred.

If the Academic Integrity Liaison determines that sufficient evidence of a violation exists but that the sanction should be modified, a new sanction may be determined in consultation with the reporting faculty member.

The student will have the opportunity to accept or deny responsibility for the alleged violation.

1. If the student accepts responsibility, the Academic Integrity Liaison will make appropriate sanction determinations and recommendations for remediation, as needed. Sanction determinations are final.
  - a. If the student has one or more previous Academic Integrity violation(s), sanction determinations will be made jointly by the Provost, the Dean of Students, and the Academic Integrity Liaison, considering the student's cumulative conduct record.
2. If the student does not accept responsibility, the Academic Integrity Liaison will refer the case to the student conduct process to determine whether a policy violation occurred.
  - a. If a violation is found, and the student has one or more previous Academic Integrity violation(s), sanction determinations will be made jointly by the Provost, the Dean of Students, and the Academic Integrity Liaison, considering the student's cumulative conduct record.

**The Appeals Process.** Students may submit a request for appeal on limited grounds for decisions made through the student conduct process, as outlined in the student conduct procedures section of this Catalog.

## **Academic Grievances**

The Academic Grievance Office functions to assist Aquinas students in the resolution of academic controversies they may have with faculty or staff. While difficult to define, an academic grievance is generally understood to mean a student-initiated complaint against a faculty member as regards conduct alleged to be in violation of fair procedure in an academic matter. It is to be noted that a course grade is not normally considered a proper subject for an academic grievance, unless the grade reflects an alleged violation of process and/or policy. The full Academic Grievance Policy is available at [aquinas.edu/policies](http://aquinas.edu/policies).

## **Academic Probation, Dismissal & Warning**

Students are placed on academic probation when it appears that their performance places their academic objectives in jeopardy.

1. Academic probation is based on the grade point average of coursework attempted at Aquinas College. The grade point average required is determined by the number of hours accumulated toward a degree at Aquinas College, including any transfer credit. Students on Academic Probation must meet the conditions of their probation. The conditions of Academic Probation will be communicated to the students by the Registrar.
2. Students will be considered as making unsatisfactory progress and will be placed on probation if:
  - Their Aquinas grade point average does not meet the following levels toward their Bachelor's degree requirements
    - After twelve (12) hours (Aquinas plus transfer credit), 1.800 Aquinas GPA
    - After thirty-six (36) hours (Aquinas plus transfer credit), 1.900 Aquinas GPA
    - After sixty (60) hours (Aquinas plus transfer credit), 2.000 Aquinas GPA
  - Their Aquinas grade point average does not meet the following levels toward their Associate's degree requirements
    - After twelve (12) hours (Aquinas plus transfer credit), 1.800 Aquinas GPA
    - After twenty-four (24) hours (Aquinas plus transfer credit), 1.900 Aquinas GPA
    - After thirty-six (36) hours (Aquinas plus transfer credit), 2.000 Aquinas GPA

- They are not making adequate progress toward their degree program. Academic progress is defined in terms of the number of semester hours a student has earned at Aquinas College in relation to the number of years in attendance.
3. Students will be dismissed when:
    - they remain on probation for two successive full-time (or full-time equivalent) semesters.
    - the semester GPA for any semester is less than 1.000. Students may appeal their dismissal. The appeal process will be communicated to students by the Registrar.
  4. Students earning less than a 2.000 for any semester's work, who do not specifically qualify for probationary status, will be assigned a status of Academic Warning. This category should warrant the student's concern, but does not require specific action. These students are encouraged to meet with their academic advisor to discuss available resources and support.

## **Dean's List**

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Dean's List honors are awarded to students who have a grade point average of 3.500 or above in a minimum of twelve (12) hours or more of graded Aquinas College credit in any regular semester. Part-time students are eligible for inclusion on the Dean's List if they complete twelve (12) hours or more of Aquinas College graded credit in any two consecutive semesters and achieve a grade point average of 3.500 or above during a year commencing with the fall semester.

Where students are both full-time and part-time in the same academic year, they are eligible for the Dean's List during any full-time semester in which they accumulate twelve (12) or more hours of graded credit of 3.500 or above, and any two consecutive part-time semesters in which they accumulate twelve (12) or more hours of graded credit of 3.500 or above in the same academic year.

The official Dean's List is established two weeks after the end of each marking period based upon the student's semester grade point average on that date. Incomplete grades must be changed to a final grade within two weeks of the end of the semester to be eligible for the official Dean's List. Dean's List honors are noted on the student's permanent record and a formal letter of notification is sent to the student.

Awards presented to seniors upon graduation are: cum laude to those who have maintained a 3.500 GPA or higher throughout their college career; magna cum laude to those with a 3.700 GPA or higher; and summa cum laude to those with a 3.900 GPA or higher. These honors are noted on the student's permanent record and in the commencement program.

## **IV. Expenses and Financial Aid**

Expenses

Tuition

Room and Board

Payment

Refund Policy

Financial Aid

# Expenses

## **Tuition for 2023-2024 Academic Year**

Regular (traditional age) undergraduate students:

Full time load (12-18 semester hours)	\$18,860.00 per semester*
Per semester hour rates:	
1 – 8 semester hours	\$ 588.00 per semester hour*
9 – 11 semester hours	\$ \$1,206.00 per semester hour*
19+ semester hours	\$ 18,860.00 plus \$588.00 per semester hour over eighteen (18) credits

When a less than full-time regular student increases their semester hour load during the semester to twelve (12) or more semester hours, they will then be considered a full-time student and will be charged the package rate for the semester.

- Undergraduate: Continuing Education  
All hours: \$ 588.00 per semester hour

Individual courses may also be subject to supplemental fees. Information on current tuition is available at <http://www.aquinas.edu/discover-aq/costs>.

Tuition entitles the student to the following: class instruction, career counseling and testing services, use of the Grace Hauenstein Library, Sturris Fitness Center, Wege Student Center and Health Center (applicable medical fees may apply), and admission to many College events.

The definition of a full-time regular student is: (1) traditional age student (Program type “R” for Regular) and (2) registered for a minimum of twelve (12) semester hours in a semester. A student with a program type of “R” will be considered full-time as of the 15th calendar day of the semester, regardless of subsequent schedule changes, and will be charged the package rate for all semester hours between twelve (12) and eighteen (18). Semester hours in excess of eighteen (18) will be charged on a per credit-hour basis.



## **Room for 2023-2024 Academic Year**

Ruth Rasmus, Fr. Bartolome de las Casas, and St. Catherine of Siena Apartments	\$7,660.00 per academic year
	(\$3,830.00 per semester)
St. Martin de Porres and St. Rose of Lima Apartments	\$8,164.00 per academic year
	(\$4,082.00 per semester)
Double & Quad Capacity Room Rate	\$5,102.00 per academic year
	(\$2,551.00 per semester)
Single Capacity Rooms- Hruby Hall	\$6,028.00 per academic year
	(\$3,014.00 per semester)
Single Capacity Rooms- Regina or St. Joes	\$6,600.00 per academic year
	(\$3,300.00 per semester)
On-campus houses	\$6,380.00 per academic year
	(\$3,190.00 per semester)

A housing commitment is for the entire academic year. Payment in full is required for a semester even if a student leaves before the end of the semester. If the student terminates their association with the College at the end of the first semester, the student is released from their commitment for the second semester.

## **Board for 2023-2024 Academic Year**

Premium Plan	\$ 3,375.00 per semester
Core and Flex Plans	\$2,946.00 per semester
Return Plan	\$2,411.00 per semester
Oak Plan	\$878.00
Squirrel Plan	\$530.00 per semester
Acorn Plan	\$299.00 per semester

Residential students living in traditional residence halls (Regina, St. Joseph, Dominican, Hruby, Brown, etc.) are required to participate in the Premium, Core, Flex or Return meal plan. Students living in the On-campus houses and the apartments are not required to be on a meal plan, but may opt into any meal plan. Meal plans and commuter cash are available to commuting students as well. Contact the Food Service Office, located in Wege Center, for more information on these plans.

**Deposits.** A \$300.00 enrollment deposit is required of all first year and transfer students starting in the fall. The deposit is refundable through May 1st. If you are a first year or transfer student starting in the spring the enrollment deposit is \$150.00.

## Special Fees for 2023-2024 Academic Year

Full Time Regular Required Fees	\$400.00 per semester
Part Time Regular Required Fees	\$400.00 per semester
CE and Graduate Student Required Fees	\$95.00 per semester
Course and Laboratory Fees (for certain Art, Career Services, Education, Math, Science and Kinesiology classes – varies by course)	\$5.00 to \$225.00
Individual Music Instruction	\$500.00 per two credits class \$250.00 per one credit class
Late Registration Fee	\$150.00 per course
No Show Fee	\$150.00 per course
Credit by Exam Fee	
Processing fee per exam	\$50.00
Fee per credit hour (if granted)	\$100.00
Orientation Fee (new students only)	
Fall First year or Fall Transfer	\$200.00
Spring First Year or Spring Transfer	\$50.00
Parking Permit - Commuter student	
One semester	\$70.00
Full year	\$115.00
Parking Permit - Dual Enrolled student	\$35.00
Parking Permit - Resident students	
One semester	\$165.00
Full year	\$310.00
Prior Learning Credit	
Processing fee	\$50.00
Fee per semester hour (if granted)	\$100.00
Returned Check Fee	\$30.00
Study Abroad Program Fee	Varies
Transcripts	\$7.00 per copy plus online processing fees

Tuition, fees, and other charges are those in effect at the time of publication. All tuition, fees, and other charges are subject to change. The College reserves its right to revise its charges at any time if circumstances so warrant. Specific course fees are listed in the schedule each semester. All fees are nonrefundable.

## Payment of Tuition and Fees

All tuition and fees are payable by the first day of the semester unless a deferred payment option (see below) has been selected. Payment is due **regardless** of whether you review your bill or not. **Billings are available through MyAQ online. Paper bills will not be sent out.** Students with outstanding obligations to the College will not be permitted to register until the total balance is below \$1,000.00. \*The College reserves the right to request cash

payment when circumstances warrant. Students adding a course(s) during the add/drop period are required to obtain an invoice and settle any financial obligations at that time with the Student Accounts Office.

**Payment Plans.** Payment plans can be set up in the student's MyAQ (not automatic payments) or by accessing the student accounts webpage and choosing- online payment plan through Official Payments (automatic payments), before the tuition due date. The office is open year-round.

**Student Accounts Balance Policy.** If a student's balance is \$1,000 or greater, and they would still like to register for classes, they can do so by setting up a satisfactory payment plan during the current semester.

Satisfactory payment plans would have the semester balance under \$1,000 no later than December 28 to accommodate spring registration and May 28th to accommodate fall registration. This is the same for automatic (through Official Payments) or manual (through the student's MyAQ) payment plans.

Students will be dropped from their fall classes if they have not paid their prior balance by one week prior to the start of the semester.

**Aquinas College Employer Tuition Reimbursement Plan.** The Aquinas College Employer Tuition Reimbursement Plan allows students who are eligible for tuition reimbursement from their employer to apply for deferred payment of tuition. A nonrefundable processing charge of \$50.00 per semester is due with the application for this plan. The application must be approved by the Student Accounts Office. Once approved, the student may defer payment of tuition up to six weeks following the last class of the course. This plan is valid for Fall, Spring, and Summer terms of an academic year. The student must reapply for this plan each semester.

Additional information and applications for the payment plans described in this catalog are available by contacting the Student Accounts Office, Room 131, Hruby Hall or by visiting [aquinas.edu/studentaccounts](http://aquinas.edu/studentaccounts).

**Veteran Benefit Students.** Veteran benefit students who provide a certificate of eligibility to the Aquinas College Financial Aid office (Hruby Hall) at the beginning of the semester will not impose any penalties such as late fees, denial of access to classes, or access to other educational facilities. VA students will not be required to borrow additional funds to cover the balance due to the delayed disbursement funding from chapter 31 or 33 or post-9/11 GI Bill®. If you have questions or concerns about your bill, please contact Jessica Vaglica, Student Accounts Manager, 616-632-2864 or [studentaccounts@aquinas.edu](mailto:studentaccounts@aquinas.edu).

"GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at <http://www.benefits.va.gov/gibill>."

**Past Due Obligations.** Past due obligations include, but are not limited to, billing amounts past due for any semester, unpaid room damage charges, library materials or fines, telephone charges, health center charges, and parking fines. Students will not be permitted to register, make schedule changes, receive a transcript, or receive a diploma until all financial obligations are paid in full.

In addition to the charges associated with the payment plans described above, a service charge of one (1) percent per month will be assessed (on the last business day of the month) on all balances not paid by the due date. A student whose account is delinquent will be dropped from the respective payment plan and the remaining balance due for the semester will be due and payable immediately.

The College reserves its right to submit past due accounts to its collection agents and use legal action, if necessary, to secure any payment due. Fees of collection agencies which may be based on a percentage at a maximum of 33.3% of the debt, plus past and future monthly service charges as defined above, will be added to any debt. The actual cost of these collection services, all expenses, and if necessary, litigation costs, will be the responsibility of the student. By providing a telephone number to Aquinas College, students understand, agree and give express consent that Aquinas College or anyone working on their behalf, including third party vendors, may contact them at the number provided by manually dialing the number or by using automated dialing technology.

**Returned Checks.** The return of a check for any reason constitutes non-payment. A \$30 fee will be imposed on the student for each check returned.

**Errors or Disputes.** Inquiries regarding schedules should be referred to the Registrar and Academic Advising Center. Inquiries regarding charges should be referred to the Student Accounts Office prior to the due date of the invoice. While we are investigating, you may withhold payment for the amount in question; however, you are still obligated to pay the part of your bill not in question.

## **Refund Policy**

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Students must be in good financial standing (account paid in full or payment plan in place) before making registration changes. Drops and withdrawals can be made by contacting the Registrar and Academic Advising Center or the appropriate Graduate Office. Only students can initiate registration changes. Tuition refunds resulting from drops, schedule changes, or withdrawals will be based on the date of official notification in writing to the Registrar and Academic Advising Center.

### **Traditional Undergraduate Students**

**Dropping a Class or Classes.** Regular students will be charged the full-time rate if they remain registered for twelve (12) to eighteen (18) credits. Students have until 4pm on the 10th business day of the semester to drop a class without the potential of financial penalty. The 10th business day will always be the 2nd Friday of the semester. Any course dropped after 4 p.m. on the 10th business day will be considered a late drop and could result in additional tuition charges.

**Total Withdrawal from the College.** The College assumes that a student beginning a semester intends to complete it. A student may choose to withdraw from all of their courses in a particular semester because of personal or health reasons. The student must notify the Registrar in writing of their intent to withdraw. Full time students will do this by completing a Withdrawal Form, available in the Registrar/Academic Advising Center.

The student will incur tuition charges according to the date of written notification of the withdrawal. Academic penalties will be incurred for any courses that are past midterm at the time of withdrawal. The refund schedule for students who complete a Withdrawal Form to withdraw from the College (**all classes**) is as follows.

### **Full-time Traditional Students in the 16-Week format.**

First and second week of the semester	100% refund
Third week of the semester	90% refund
Fourth week of the semester	75% refund
Fifth week of the semester	70% refund
Sixth week of the semester	60% refund
Seventh week of the semester	55% refund
Eighth week of the semester	50% refund
Ninth week of the semester and on	Full charges will apply

Any inquiries regarding the withdrawal refund policy should be directed to the Student Accounts Office. Any student who feels that individual circumstances warrant exceptions from the established policy may direct an appeal letter with explanation to the Appeals Committee, Student Accounts Office.

In the case of a financial aid recipient, the portion refunded may include monies that must be returned to the Federal Title IV programs. The College will use the Title IV refund policy to determine the portion that must be repaid to the Title IV programs. Any refunds otherwise due to a withdrawing student will be reduced by such Title IV refunds. Please reference the Financial Aid section for a complete description of the Title IV Refund Policy.

All withdrawal forms must be turned into the Registrar's Office by 4 p.m. on Friday. Any form received after 4 p.m. on Friday will be processed in the following week.

**Continuing Education and Graduate Students (MM, ME, MAT, MAC)**

**Dropping a Class or Classes.** Adult students have until 4pm on the 10th business day of the semester to drop a class for a full refund. The 10th business day will always be the 2nd Friday of the semester. Any student who drops a course after 4 p.m. on the 10th business day is not entitled to a tuition refund.

**Refund of Balance on Account.** Students will receive email communications each semester from AQ when aid disbursements and refunds have been processed and made available to the student. Aid will be disbursed to the student account and billed charges will be paid. Excess funds will be issued after the drop/add period of the semester, within 14 days of the actual disbursement (4th week of classes). All refunds will be issued electronically. A valid routing and checking account number can be entered in MyAQ or by calling Student Accounts with the information. Paper checks are no longer available for pickup.

**Veteran Benefit Students**

**Return of Veteran Tuition Assistance.** Military Tuition Assistance (TA) is awarded to a student under the assumption that the student will attend for the entire semester awarded. When a student withdraws from Aquinas College, the student may no longer be eligible for the full amount of TA funds originally awarded.

To comply with the new Department of Defense policy, Aquinas College will return any unearned TA funds on a prorated basis through the 60% portion of the period for which the full amount of TA funds were provided. TA funds are earned proportionally during an enrollment period, with unearned funds returned based on the completion of the withdrawal form by the student and according to the withdraw policy schedule. These funds are returned to the government and will not be refunded to the student.

The college realizes that on occasion, students may need an exception to the withdrawal policy. If the withdrawal was due to mitigating circumstances that were beyond the student's control, the student has the opportunity to provide relevant documentation to the appeals team to support a request to back date the day of the withdrawal. This could result in an adjustment for the refund of the TA funds.

**Unearned Tuition Assistance Return Schedule.** Fulltime TA-eligible Students in the 16-Week format only or 16-Week and 8- Week combination

First and second week of the semester	100% refund
Third week of the semester	90% refund
Fourth week of the semester	75% refund
Fifth week of the semester	70% refund
Sixth week of the semester	60% refund
Seventh week of the semester	55% refund
Eighth week of the semester	50% refund
Ninth week of the semester	45% refund

## Financial Aid

Aquinas College financial aid programs are designed to help qualified students who might otherwise not be able to afford a quality private college education and to honor those students who deserve recognition for past academic or leadership success. All Aquinas College students receiving any sort of financial aid must adhere to the Financial Aid Handbook. To view the Financial Aid Handbook and the full Financial Aid section, please visit [aquinas.edu/financialaid](http://aquinas.edu/financialaid).

**Location: Hraby Hall - HH 34**  
**Phone: (616) 632-2893**

**Email: [financialaid@aquinas.edu](mailto:financialaid@aquinas.edu)**  
**Web Address: [aquinas.edu/financialaid](http://aquinas.edu/financialaid)**

## **V. Academic Programs**

Degree Programs

Programs of Study

General Education Program

Institutional Student Learning Outcomes

Academic Opportunities

Courses of Instruction

# Degree Programs

## **Aquinas offers the following undergraduate degree programs:**

- Associate of Arts
- Associate of Science
- Bachelor of Arts
- Bachelor of Arts in General Education
- Bachelor of Fine Arts
- Bachelor of Music Education
- Bachelor of Professional Accountancy
- Bachelor of Science
- Bachelor of Science in Business Administration
- Bachelor of Science in Sustainable Business
- Bachelor of Science in Nursing from the University of Detroit Mercy in collaboration with Aquinas College and St. Mary's Mercy Medical Center (Degree granted by the University of Detroit Michigan.)

**Associate's Degree Requirements.** To earn the Associate of Arts degree or Associate of Science degree, students must complete sixty (60) semester hours of work, which include the General Education Plan and proficiency requirements in English and Mathematics (excluding the Writing Intensive and Capstone requirements). At least thirty (30) of the sixty (60) semester hours must be earned at Aquinas College. The associate's degree holder may continue to work toward a bachelor's degree. Students must be in attendance at the College the full-time equivalent of their last semester prior to graduation.

**Bachelor's Degree Requirements.** To earn a bachelor's degree students must complete 120 semester hours of work which include:

- completion of a major
- fulfillment of the General Education Program (semester hours vary)
- electives to make up the total 120 semester hours
- meeting the writing and mathematics proficiency standards and the residency requirement
- minimum Aquinas grade point average of 2.000 as well as a minimum overall grade point average of 2.00
- at least thirty (30) of the 120 semester hours must be earned at Aquinas College

The student must be in attendance at the College the full-time equivalent of their last semester prior to graduation, and have completed a minimum of thirty (30) hours of the last sixty (60) hours toward their degree at Aquinas College.

Students will note that the Aquinas program of studies is divided into two significant components—an area of concentration or a major, and the General Education requirements. Electives provide the student with the opportunity to expand either component—more specialization through a second major or a minor, or more breadth within the liberal arts courses of the college.

The Bachelor of Arts in General Education (B.A.G.E.) does not require the completion of a major. All other degree requirements apply.

**Documentation Regarding General Education Requirements.** Students are subject to the general education requirements and the major requirements found in the academic catalog the year they matriculate.



**Residency.** A minimum of thirty (30) semester hours must be earned at Aquinas College. Advanced Placement (AP) credit, International Baccalaureate (IB), and CLEP (College Level Examination Program) credit, prior learning assessment, and credit by examination do not count toward the residency requirement.

# Programs of Study

Majors, minors, concentrations, or programs are available in these disciplines. For specific course information, see the offerings under “Courses of Instruction.”

## ACCOUNTING

- Accounting (major and minor)
- Professional Accountancy (major)

## ART

- Art (major)
- Art History (major and minor)
- Fine Arts (major)
- Studio Art (minor)

## BIOCHEMISTRY & MOLECULAR BIOLOGY

(major)

## BIOLOGY & HEALTH SCIENCES

- Biology (major and minor)
- Health Science (major)
- Concentration in Genetic Counseling Preparatory (may only be combined with Biology, Health Science, and Biochemistry & Molecular Biology majors)

## BUSINESS ADMINISTRATION (major and minor)

- Concentrations in International Business, Human Resources, Marketing and Management (may only be combined with Business Administration, Business Administration/Sport Management, Business Administration/ Communication majors, Accounting and Professional Accountancy)

## CATHOLIC STUDIES (minor)

## CHEMICAL PHYSICS (major)

## CHEMISTRY (major and minor)

## COMMUNICATION

- Business Administration/Communication Dual (major)
- Communication (major and minor)
- Communication w/Theatre Emphasis (major)

## COMPUTER INFORMATION SYSTEMS

- Computer Information Systems (major)
- Management Information Systems (major and minor)
- CIS Web Design (minor)
- CIS Networking (minor)
- CIS Analyst (minor)

## DATA SCIENCE (major and minor)

## ECONOMICS (minor)

## EDUCATION

- Elementary Education (major)

- Secondary Education (major)\*\*

\*\* Must be combined with a content area major: English Literature, French, German, Integrated Science, Math, Social Studies, Spanish, or Speech. Content area minor is optional: Biology, Chemistry, English, History, Math, or Physics.

- PK-12 Spanish and Music Education

## ENGLISH

- English Literature (major and minor)
- English Writing (major and minor)

## ENVIRONMENTAL SCIENCE (major and minor)

- Concentrations in Ecology, Chemistry or Earth Science (must choose at least one for major)

## GEOGRAPHY (major and minor)

## HISTORY (major and minor)

## INTERNATIONAL STUDIES (major)

## IRISH STUDIES (minor)

## JOURNALISM (minor)

## KINESIOLOGY

- Applied Sport Science (major and minor)\*\*
- \*\* Optional concentration in Pre-Exercise Physiology and Fitness Entrepreneur
- Business Administration/Sport Management Dual (major)
- Clinical Exercise Science (major and minor)\*\*
- \*\* Optional concentrations in Pre-Athletic Training, Pre-Occupational Therapy, Pre-Physical Therapy
- Athletic Coaching (minor)

## LEGAL STUDIES (minor)

## MATHEMATICS (major and minor)

## MUSIC

- Music w/Church Music (major)
- Music w/General (major)
- Music w/Jazz (major and minor)
- Music w/Performance (major)
- Music (minor)

## PHILOSOPHY (major and minor)

## PHYSICS (minor)

## POLITICAL SCIENCE (major and minor)

## PSYCHOLOGY

- Child Life (major)
- Psychology w/Counseling (major)
- Psychology w/Development (major)
- Psychology w/General (major)

- Development Psychology (minor)

#### **SOCIOLOGY**

- Sociology w/Criminal Justice (major)
- Sociology w/General (major)
- Sociology w/Health & Human Services (major)
- Sociology (minor)

#### **SUSTAINABLE BUSINESS** (major)

#### **THEATRE** (major and minor)

#### **THEOLOGY** (major and minor)

#### **WOMEN'S & GENDER STUDIES** (minor)

#### **WORLD LANGUAGE**

- French (major and minor)
- German (major and minor)
- Spanish (major and minor)
- Spanish Translation & Interpretation (minor)

All undergraduate degrees, except the Associate's degrees and the Bachelor of Arts in General Education, require the completion of a major. While students may declare a major at any time, students should declare one by the time they have accumulated thirty (30) semester hours toward a degree, which will usually occur during the sophomore year.

Students are required to fulfill the departmental requirements for the major as specified in the College catalog current at the time of their matriculation. If students have specific questions regarding requirements, they should consult with the department chairperson.

**Second Major.** The flexibility of the Aquinas curriculum allows students to complete a second major if they wish. It is the prerogative of the department chairperson to choose what courses to allow toward their major if already counting toward another major or minor area of study.

**Minors.** To meet a particular educational or career objective, students may decide to complete a minor.

- A minor may be in one academic discipline with the content to be determined by the academic department.
- A minor may also be interdisciplinary with thematically related courses and approved by appropriate academic departments.

It is the prerogative of the department chairperson to choose what courses to allow toward their minor if already counting toward another major or minor area of study.

**Concentrations.** To meet a particular educational or career objective, students may decide to complete a concentration. Concentrations are specializations that can be applied to specified majors to develop the knowledge within the indicated department.

**Second Bachelor's Degree.** If a student already holds a bachelor's degree from an accredited college, they may earn a second bachelor's degree at Aquinas by completing at least thirty (30) semester hours of residence credit beyond receipt of the first degree and by satisfying all College and major requirements.

**Professional Preparation.** Aquinas offers courses of study which lead either to professions or further study at professional schools. Although it is possible to be admitted to some professional schools with two or three years of preparatory work, it is strongly recommended that students obtain an undergraduate degree first. This is particularly true of such schools as dentistry, law, medicine, and social work. The College's academic programs can prepare students for entrance into any of the above professional schools. The College also offers courses to prepare for study of engineering.

# General Education Program

The General Education Program focuses on the skills, knowledge, values, and ethics that Aquinas College believes each of its graduates needs to be prepared for career and life in a rapidly changing world. The program is rooted in the mission of the College, the Dominican tradition, and the liberal arts. It is structured to include both requirements and choice, and a core and distribution components. The General Education Program supports and is integrated across the four years of a student's education at Aquinas College.

**Philosophy of General Education.** The General Education Program combines a breadth of knowledge with the sequential development of a wide range of skills, expanding the students' knowledge and vision for their growth as human beings for their personal and professional futures. It is intended to foster the development of a desire for knowledge and truth, and a spirit of intellectual dialogue and inquiry. It should provide curricular and/or co-curricular opportunities for a knowledge of the Catholic intellectual tradition; for discovering and deepening the spiritual dimension of their lives; for recognizing the dignity and value of the individual with an appreciation of individual differences and the unique gifts each brings to the community; and for developing personally as productive, creative, competent, and compassionate individuals. This is done within an educational atmosphere in which all students have equal opportunity to contribute and learn.

The structure of the General Education Program includes some required core courses, whose content crosses other academic disciplines, as well as some areas of choice within a modified distribution system. Furthermore, the program provides an integrated and coherent learning experience complementing the work of the major, which provides the opportunity for an in-depth study of a student's area of interest.

The Aquinas faculty recognizes the advantage of a General Education Program that is structured as a framework over the four years. The integrated series of courses represents areas of skill level, and knowledge and values that are integrated throughout an Aquinas education.

**General Education Program Learning Outcomes.** In support of the College's mission, and in alignment with the institutional student learning outcomes, the Aquinas General Education curriculum addresses the student learning outcomes listed below, in which the student will:

1. Exhibit competence in disciplines across the liberal arts
2. Read critically and formulate relevant conclusions (critical thinking)
3. Demonstrate proficiency in communication (writing, speaking, reading, listening, presentation skills)
4. Acquire research and analysis skills (quantitative and qualitative)
5. Integrate knowledge of diverse perspectives and cultural traditions.
6. Understand the application of theological and ethical concepts in daily life.
7. Acquire awareness and tools to foster human flourishing and a sustainable world.

**Other Degree Requirements.** All students graduating with a degree from Aquinas College must demonstrate proficiency in writing and mathematics.

**English Proficiency.** Students must successfully complete First Year Seminar; GEN 100 with a grade of "C-" or better to earn writing proficiency. Students earning less than a "C-" must repeat the course.

If a student transfers to Aquinas with an Associate of Arts degree, successful completion of a writing course equivalent to First Year Seminar with a grade of "C-" or better will satisfy English proficiency requirements.

**Mathematics Proficiency.** Successful completion of one of the following options will fulfill the Mathematics requirement:

- The following courses C- or better:
  - MAT 105 Mathematics for the Liberal Arts
  - MAT 110 Modeling with Algebra
  - MAT 120 Precalculus
  - MAT 121 Calculus I
  - MAT 122 Calculus II
- An equivalent mathematics course in transfer

# GENERAL EDUCATION REQUIREMENTS

## Aquinas College 2023-2024

The grade requirement for a major, minor, or concentration will be higher than that required for general education.

### ONE SEMINAR COURSE requires C- or above

GEN 100 First Year Seminar

### ONE THEOLOGY COURSE requires D- or above

THEO 100 The Catholic Vision  
THEO 105 Sacraments  
THEO 200 Bible as Story  
THEO 210 Theology of Christian Marriage  
THEO 215 Jesus  
THEO 220 Catholic Moral Theology  
THEO 225 Catholic Social Teaching  
THEO 230 Wrestling with God  
THEO 302 C.S. Lewis as Theologian  
Mysterium Salutis: Teaching of St. Paul (Rome Study Away)

### TWO SOCIAL SCIENCE COURSES FROM TWO DIFFERENT DISCIPLINES requires D- or above

#### Business

BUS 200 Principles of Management  
BUS 210 Personal Finance & Investments

#### Communication

COM 100 Becoming an Effective Communicator  
COM 110 Radio & Podcast Production  
COM 120 Social Media  
COM 200 Public Speaking  
COM 210 Interpersonal Communication  
COM 220 Mass Media History & Effects

#### Economics

ECON 200 Economics for the Citizen

#### Cultural Geography

GEO 120 Human Geography\*  
GEO 130 World Regional Geography\*  
GEO 220 Urban Geography  
GEO 230 Geography of US & Canada

#### Irish Studies

IRST 205 Contemporary Social Issues in Ireland (Ireland Study Away)

#### Political Science

POL 110 Struggle of American Democracy  
POL 180 The World in Crisis\*

#### Psychology

PSY 100 Introduction to Psychology

#### Sociology

SOC 100 Introduction to Sociology  
SOC 105 Cultural Anthropology\*  
SOC 115 Media & Society

#### Women and Gender Studies

WGS 100 Foundations in Women's & Gender Studies  
WGS 205 Women, Gender, & Sports  
WGS 210 Language & Gender  
WGS 215 Women, Gender, & Environment\*\*  
WGS 220 Women & Spirituality

### TWO HUMANITIES COURSES FROM TWO DIFFERENT DISCIPLINES requires D- or above

#### Catholic Studies

CATH 200 Tolkien & the Catholic Imagination

#### English Literature

ENGL 110 Understanding & Appreciating Literature  
ENGL 250 Intro to Literary Studies  
ENGL 254 World Literature in English\*  
ENGL 258 Literature & Motion Pictures  
ENGL 260 Catholic Writers  
ENGL 264 Irish Literature  
ENGL 266 Studies in English Literature  
ENGL 268 Studies in American Lit.  
ENGL 270 African-American Literature

#### General Education

GEN 200 World Humanities Humanities IV: Eternal City (Rome Study Away)

#### German

GER 405 Seminar in German Studies

#### History

HIST 100 American History  
HIST 105 World History\*  
HIST 110 European History  
HIST 222 Ancient History

#### HIST 234 History of World Religions\*

HIST 236 Environmental History\*  
HIST 238 Latin American History

#### Irish Studies

IRST 210 Irish Culture & Identity (Ireland Study Away)

#### Philosophy

PHIL 100 Know Thyself  
PHIL 200 Logic  
PHIL 201/301 The Philosophy of St. Thomas  
PHIL 202/302 The Philosophy of Wojtyla  
PHIL 205 Philosophy & Film  
PHIL 215 Ethics  
PHIL 220/320 Ancient Philosophy  
PHIL 225 Medieval Philosophy  
PHIL 230/330 Medical Ethics  
PHIL 235/335 Environmental Philosophy

#### Spanish

SPA 305 18<sup>th</sup> to 21<sup>st</sup> Spanish Literature  
SPA 310 Latin American Literature  
SPA 315 Chicana/Latinx Literature

#### Theatre

THTR 205 Theatre History & Theory I: Golden Ages\*\*  
THTR 206 Theatre History & Theory II: Resistance\*\*

### FINE ARTS COURSE(S) 4 credit minimum requires D- or above

#### Art

ART 100 Art for Non-Majors  
ART 105 Art History Across Cultures  
ART 110 Basic Drawing  
ART 115 Graphic Design  
ART 120 2D and 3D Design  
ART 215 Darkroom Photography  
ART 220 Digital Photography  
ART 235 Ceramics  
Art & Architecture in Rome (Rome Study Away)

#### English

ENGL 200 Writing for Business\*\*  
ENGL 201 Advanced Composition\*\*  
ENGL 202 Creative Writing\*\*  
ENGL 203 Writing Center Theory & Practice\*\*  
ENGL 205 Intro to Journalism\*\*  
ENGL 308 Studies in Writing Poetics (Rome Study Away)

#### Kinesiology

KIN 1032 Ballroom Dancing Activity A (2 cr)  
KIN 1034 Folk & Square Dancing Activity A (2 cr)

#### Music

MCEN 111-212 Valenti Handbell Ensemble (1 cr each)  
MCEN 143-244 College Chorus (1 cr each)  
MCEN 153-254 Treble Chorus (1 cr each)  
MCEN 155-256 College Band (1 cr each)

MCEN 158-458 Jazz Combo, Instrumental, or Vocal (1 cr each)  
MCEN 163-264 Collegiate Singers (1 cr each)  
MCEN 167-268 Chamber Ensembles (1 cr each)  
MCEN 171-272 Jazz Band (1 cr each)

MUSC 100 Intro to Musicianship  
MUSC 101 Songwriting  
MUSC 102 Beginning Guitar (2 cr)  
MUSC 103 Beginning Piano (2 cr)  
MUSC 112 Exploring Global Music\*  
MUSC 200 Music Appreciation  
MUSC 201 History of Popular Music  
MUSC 205 Vocal Techniques (2 cr)  
MUSC 216 History of Jazz\*\*

#### Theatre

THTR 100 Theatre for Everyone  
THTR 101 Intro to Theatre Design  
THTR 102 Stagecraft  
THTR 111 Acting I  
THTR 112 Improvisational Acting  
THTR 200 Theatre for Social Change  
THTR 225 Theatre Practicum

### WORLD LANGUAGE COURSE(S) 0-8 credits depending on language placement requires C- or above

FRE 102 Beginning French II: Language & Culture  
GER 102 Beginning German II: Language & Culture  
SPA 102 Beginning Spanish II: Language and Culture

**TWO NATURAL SCIENCE COURSES FROM TWO DIFFERENT DISCIPLINES (ONE MUST HAVE A LAB) requires D- or above**

**Biology**

BIO 105 Environmental Biology (lab)  
 BIO 115 Human Biology (lab)  
 BIO 155 Human Anatomy & Physiology I (lab)  
 BIO 170 Intro to Organisms (lab)  
 BIO 171 Introduction to Cells (lab)

**Chemistry**

CHEM 105 Environmental Chemistry (lab)  
 CHEM 110 Chemistry for Non-Majors (lab)  
 CHEM 121 General Chemistry I (lab)

**Geography & Environmental Science**

GEO 110 Earth Systems (lab)  
 GEO 115 Michigan Geography (non-lab)

**Physics**

PHYS 100 Physical Science (non-lab)  
 PHYS 105 Observational Astronomy (non-lab)  
 PHYS 201 General Physics: Mechanics, Sound, Heat (lab)  
 PHYS 211 General Physics with Calculus: Mechanics (lab)

**ONE MATHEMATICS COURSE requires C- or above**

MAT 105 Math for the Liberal Arts  
 MAT 110 Modeling with Algebra  
 MAT 120 Precalculus  
 MAT 121 Calculus I  
 MAT 122 Calculus II

**ONE GLOBAL PERSPECTIVE COURSE requires D- or above**

ART 105 Art History Across Cultures\*  
 BUS 331 International Business  
 BUS 332 Culture in International Business  
 COM 310 Intercultural Communication  
 ENGL 254 World Literature in English\*  
 FRE 400 French & Francophone Contemporary Cultures  
 GEO 120 Human Geography\*

GEO 130 World Regional Geography\*  
 GER 405 Seminar in German Studies  
 HIST 105 World History\*  
 HIST 234 History of World Religions\*  
 HIST 236 Environmental History\*  
 MUSC 112 Exploring Global Music\*  
 POL 180 The World in Crisis\*  
 SOC 105 Cultural Anthropology\*  
 SPA 320 Cultures of the Spanish-Speaking World  
 WGS 310 Contemporary Issues in Women's & Gender Studies

**ONE WRITING INTENSIVE COURSE requires D- or above**

ACC 315 Accounting Communication & Professional Development  
 BIO 205 Genetics  
 CHEM 330 Instrumental Methods of Analysis  
 COM 315 (Un)ethical Communication  
 COM 402 Research Methods  
 EDUC 400 Foundational Topics in Education  
 ENGL 200 Writing for Business\*\*  
 ENGL 201 Advanced Composition\*\*  
 ENGL 202 Creative Writing\*\*  
 ENGL 203 Writing Center Theory & Practice\*\*  
 ENGL 205 Intro to Journalism\*\*

FRE 302 French Conversation & Composition II  
 GEO 210 Biogeography  
 GER 302 Expressing Identity Through Writing  
 HIST 220 History of American Sports  
 HIST 224 The Middle Ages  
 HIST 302 History of Britain  
 KIN 315 Research & Design in EBP World  
 KIN 330 Social Media (Mis)information  
 MAT 315 Abstract Algebra  
 MAT 400 Topics in Geometry  
 MUSC 216 History of Jazz\*\*  
 MUSC 300 Music History & Literature: The Origin  
 POL 355 Themes in Political Theory  
 POL 380 American Foreign Policy  
 POL 480 International Relations  
 PSY 200 Thinking & Writing in Psychology  
 SPA 301 Spanish Composition  
 THEO 305 Bible as Poetry  
 THTR 205 Theatre History & Theory I: Golden Ages\*\*  
 THTR 206 Theatre History & Theory II: Resistance\*\*  
 WGS 215 Women, Gender, & Environment\*\*

**ONE SENIOR CAPSTONE COURSE requires D- or above**

ACC 430 Advanced Accounting  
 ART 410 Art Capstone: Professionalism  
 ART 420 Art History Capstone: Historiography  
 BIO 401/402 Biology Research Seminar I/II  
 BIO 405 Biology Seminar  
 BUS 410 Cases in Business Policy  
 CHEM 401/402 Chemistry Project Development & Practicum  
 CIS 425 Systems Design  
 COM 401 Communication Theory  
 EDUC 490 Student Teaching Internship Seminar

ENGL 400 Writing Emphasis Capstone  
 ENGL 401 Major Authors  
 ENGL 402 Literary Theory  
 ENV 402 Environmental Science Capstone Research Seminar  
 FRE 400 French Contemp. Cultures  
 FRE 405 French for Professions  
 GEN 400 Senior Capstone  
 GEO 402 Geography Capstone Research Seminar  
 GER 400 Community Engagement & Research  
 HIST 400 Senior Research Seminar  
 INST 400 Senior Capstone in International Studies  
 KIN 432 Adv. Strength & Conditioning  
 MAT 410 Applied Data Science  
 MAT 420 Mathematics Capstone  
 MUSC 400 Seminar & Research in Music  
 PHIL 400 Senior Capstone  
 POL 450 Senior Capstone in Political Science  
 PSY 450 Advanced Research Methods  
 PSY 455 Practicum in Child Life  
 SBUS 400 Sustainable Business Innovations Lab  
 SOC 402 Sociology Capstone  
 SPA 400 Spanish Linguistics  
 SPA 405 Medieval Spanish Literature & XXI U.S. Culture  
 SPA 410 Engaging in Latinx Grand Rapids  
 THEO 400 Senior Seminar  
 THTR 401 Senior Capstone in Theatre  
 THTR 402 Senior Seminar in Theatre

**\*Course counts for either Social Science, Fine Arts OR Humanities AND Global Perspective requirement**

**\*\*Course counts for either Fine Arts, Humanities OR Social Science AND Writing Intensive requirement**

# Institutional Student Learning Outcomes

The Institutional Student Learning Outcomes represent our commitment that every Aquinas College student will have the opportunity to gain knowledge, skills, and personal capabilities throughout their studies and experiences.

<p style="text-align: center;"><b>GOAL [I]</b></p> <p style="text-align: center;"><b>EXPLORATION AND ACQUISITION OF KNOWLEDGE</b></p>	<p style="text-align: center;"><b>GOAL [II]</b></p> <p style="text-align: center;"><b>DEVELOPMENT OF INTELLECTUAL, PROFESSIONAL AND ARTISTIC SKILLS</b></p>
<p><b>Students explore:</b> Purpose and meaning through breadth of knowledge in general education across the liberal arts and a depth of knowledge in majors and graduate study.</p>	<p>Students prepare to lead a life of purpose and success through research and practical application of skills.</p> <p><b>Students develop:</b></p> <ul style="list-style-type: none"> <li>- Critical thinking and creative expression</li> <li>- Qualitative and quantitative reasoning</li> <li>- Proficiency in communication</li> <li>- Information literacy (digital and print)</li> </ul>
<p style="text-align: center;"><b>GOAL [III]</b></p> <p style="text-align: center;"><b>PERSONAL AND SOCIAL RESPONSIBILITY</b></p>	<p style="text-align: center;"><b>GOAL [IV]</b></p> <p style="text-align: center;"><b>EDUCATION OF THE WHOLE PERSON</b></p>
<p>Aligned with the Catholic and Dominican tradition, students gain skills to become global citizens who act within diverse contexts.</p> <p><b>Students practice:</b></p> <ul style="list-style-type: none"> <li>-Ethical reasoning and theological reflection</li> <li>- Leadership and collaboration</li> <li>- Commitment to community, inclusion, social justice, civic engagement, and sustainability.</li> <li>-Respect for diverse perspectives and cultural traditions</li> </ul>	<p>Students engage in personal development to build resilience and support the <b>flourishing</b> of self and others.</p> <p><b>Students cultivate:</b></p> <ul style="list-style-type: none"> <li>- Mental, physical, emotional, and spiritual health</li> <li>- Respectful relationships and empathy</li> <li>- An exploration of vocation</li> <li>- A habit of mind for lifelong learning and action</li> <li>- Independence and self-actualization</li> </ul>



# Academic Opportunities

## **Engaged Learning.**

Aquinas College encourages students to participate in high impact practices such experiential learning opportunities prior to graduation. Experiential learning activities include:

- Insignis (and other student organizations)
- Internships and/or practicums
- Service Learning (Local and International Opportunities)
- Study Away (Semester-long and short-term opportunities)
- Residential Co-curricular Program Experiences
- Undergraduate student research

**Insignis Program for Honors Students.** The Insignis Program for Honors Students seeks to create an environment in which students of exceptional academic potential can interact with each other in intellectual and social pursuits. Incoming first year students with a 25 composite score on the ACT or with 1200 combined (or 80th percentile) on the SAT, and who have maintained at least a 3.5 grade point average (GPA) in their high-school academic courses are invited to join Insignis. Current Aquinas students who wish to participate may be nominated by faculty members or may seek membership by applying to one of the Directors of the Insignis Program.

Insignis students work with instructors to design interdisciplinary seminar courses and they take honors-only sections of some of the General Education curriculum. Insignis students also take part in many on- and off-campus cultural events, and serve our community through various service learning opportunities. A limited number of competitive scholarships are available. For further information, contact the Directors of the Insignis Program, Dr. Jennifer Hess, [hessjen@aquinas.edu](mailto:hessjen@aquinas.edu).

## **Aquinas College Advantage Center**

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The Aquinas College Advantage Center is located in Mother Victor Flannery Hall (on the corner of Robinson Rd and Woodward Ave). The Center prepares and supports students to become effective leaders in their chosen life pursuits. To learn more visit [aqadvantage.aquinas.edu](http://aqadvantage.aquinas.edu).

**Career Services.** Career Services' staff members provide coaching to help students identify personal skills, interests, abilities, goals, and values. Students may enroll in career development courses for academic credit. Professional Development Series events and employer connections provide opportunity for class-to-career success. Individual appointments may be scheduled online in Handshake ([aquinas.joinhandshake.com](http://aquinas.joinhandshake.com)).

**Community-Engaged Experiential Learning.** Aquinas students engage in active learning within the community connected to academic courses. Opportunities may include place-based projects, community-engaged learning, job shadows, and alumni connections.

**Domestic Learning Opportunities.** Aquinas College participates in long-running programs that place students from many academic backgrounds into experiential learning opportunities across the United States. These include the Chicago Program, Disney College Program, Dominican Exchange Program, Mackinac Island Summer Program, Washington Internship Institute, and various faculty/staff led learning field experiences. Information is available at: [aqadvantage.aquinas.edu/experiences/](http://aqadvantage.aquinas.edu/experiences/).

**Internships.** Internships offer students an experience related to their career goals while building important skills. Internships completed for academic credit must be approved by the Internship Director, student's academic advisor, and if completed for credit within a major or minor, the Department Chair. Internships for credit are subject to tuition fees. Internships can be paid or unpaid. Students may complete up to twelve (12) semester hours of internship credit while at Aquinas College. It is recommended that students plan for their internship in advance;

competitive internships at national or global companies require additional time and planning. Students should make an appointment to search and/or register for internships via Handshake ([aquinas.joinhandshake.com](https://aquinas.joinhandshake.com)).

**Pierce Cedar Creek Institute.** Situated in Southwest Michigan, the Institute's 742 acres include wetlands, forests, and restored prairie habitats in addition to modern education and research facilities. Consortium membership affords all Aquinas College students and faculty opportunities to participate in grant-funded research within the natural sciences as well as creative pursuits such as visual arts and writing that further the Institute's mission of environmental stewardship and education. Experiential field courses are also available. To learn more visit <https://www.cedarcreekinstitute.org/>.

**Undergraduate Student Research.** Aquinas students are eligible for two research grant programs that take place during the summer break. The Mohler-Thompson program is available for students studying math or the natural sciences. The Summer Scholars program is available for students in any academic field. Each participating student works with a faculty mentor to complete discipline-specific research and practice professional communication skills. Other opportunities for research experiences across the country and internationally are posted on the Research Opportunities webpage throughout the year. <https://www.aquinas.edu/aq-advantage-center/research/research-opportunities>

## **Study Away**

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**International Programs.** All applicants must be full-time Aquinas College students and must first be approved by the Aquinas College Office of International Programs before they can participate in any of the current and future Study Away programs and before they can transfer corresponding academic credits back to Aquinas from any current and future Aquinas International Programs. Guest Student applications will be considered on a case-by-case basis. For more information, please reach out to the Aquinas College Office of International Programs at 616-632-2067, or [studyaway@aquinas.edu](mailto:studyaway@aquinas.edu).

# Courses of Instruction

The following abbreviations are used with course numbers throughout the catalog and for computerized registration.

ACC	Accounting	INST	International Studies
ART	Art	IRST	Irish Studies
BCMB	Biochemistry and Molecular Biology	KIN	Kinesiology
BUS	Business Administration	MUSC	Music
BIO	Biology	MCAP	Music Applied
CATH	Catholic Studies	MCEN	Music Ensemble
COM	Communication	MAT	Mathematics
CIS	Computer Information Systems	NUR	Nursing
CHEM	Chemistry	PHYS	Physics
ECON	Economics	PSY	Psychology
EDUC	Education	PHIL	Philosophy
ENGL	English	POL	Political Science
ENV	Environmental Studies	SBUS	Sustainable Business
FRE	French	SOC	Sociology
GEN	General Education	SPA	Spanish
GEO	Geography	THTR	Theatre
GER	German	THEO	Theology
HIST	History	WGS	Women's & Gender Studies
INS	Insignis		

## **Accounting**

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**Anthony Burdick, M.S., C.P.A., Chair**

**Kevin Cantley, M.B.A, C.P.A., C.G.M.A, Bradford Keuning, C.P.A.**

**Mission Statement.** The mission of the Accounting Department at Aquinas College is to provide excellence in accounting education, preparing technically competent, broadly educated, effective communicators and ethical decision makers who will contribute productively to the accounting profession, organizations, and the community.

### **Student Learning Outcomes.**

1. Students will demonstrate skill in expanding their understanding of the evolving global accounting profession.
2. Students will be able to understand, apply, and analyze core accounting principles and concepts in for-profit and not-for-profit organizations in the areas of financial accounting, managerial accounting, auditing, tax, and accounting information systems.
3. Students will be able to identify and analyze problems, use research tools to determine alternatives, and effectively communicate recommended solutions using appropriate technology.
4. Students will demonstrate skill in applying a broad range of business knowledge to solving organizational problems.
5. Students will be able to clearly articulate their personal ethical decision-making processes with respect to accounting and effectively apply professional ethical standards to business situations.

# ACCOUNTING MAJOR

Bachelor of Science

2023-2024

**Major Requirements:** Fifty-eight (58) semester hours.

At least twenty-four (24) semester hours must be taken at Aquinas, sixteen (16) of which must be taken in Accounting courses at the 300 level and above.

A GPA of at least 2.0 must be maintained.

Only courses with a grade of C- or better will count toward the major. Students may take a course twice to obtain the requisite C-.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
<b>Accounting and Business Administration Coursework</b>		
ACC 201 Introduction to Acct. & Financial Analysis	4.0	CIS 111 (may also be corequisite)
ACC 202 Financial & Managerial Accounting	4.0	ACC 201, CIS 111
ACC 301 Intermediate Accounting I	4.0	ACC 202
ACC 302 Intermediate Accounting II	4.0	ACC 301
ACC 310 Cost Accounting	4.0	ACC 202
ACC 315 Accounting Communication and Professional Development (WI)	4.0	ACC 202
ACC 320 Accounting Systems & Analytics	4.0	ACC 301
ACC 325 Introduction to Taxation	4.0	ACC 202
ACC 420 Auditing	4.0	ACC 302, ACC 320
ACC 430 Advanced Accounting (SC)	4.0	ACC 302, Senior Status
BUS 401 Financial Management	4.0	ACC 201, ECON 200, MAT 115, CIS 111
<b>Computer Science Coursework</b>		
CIS 111 Spreadsheets	1.0	
CIS 211 Advanced Spreadsheets	1.0	CIS 111
<b>Economics Coursework</b>		
ECON 200 Economics for the Citizen	4.0	
<b>Mathematics Coursework: Choose One Course</b>		
MAT 115 Elementary Statistics	4.0	MAT 100 or higher
MAT 205 Statistics	4.0	MAT 120 or higher
MAT 412 Mathematical Statistics	4.0	MAT 411
<b>Business Coursework: Choose One Course</b>		
BUS 200 Principles of Management	4.0	
BUS 205 Principles of Marketing	4.0	

# PROFESSIONAL ACCOUNTANCY

*Bachelor of Professional Accountancy*

2023-2024

**Major Requirements:** Eighty-two (82) semester hours.

At least thirty-two (32) semester hours must be taken at Aquinas, twenty-four (24) of which must be taken in Accounting courses at the 300 level and above.

Total hours for the degree must be at least 150. A minimum of 150 hours are required to be a CPA in Michigan.

A GPA of at least 2.0 must be maintained.

Only courses with a grade of C- or better will count toward the major. Students may take a course twice to obtain the requisite C-.

AQUINAS REQUIREMENTS		GRADE	PREREQUISITES
<b>Accounting Coursework</b>			
_____	ACC 201 Introduction to Acct. & Financial Analysis	4.0	CIS 111 (may also be corequisite)
_____	ACC 202 Financial & Managerial Accounting	4.0	ACC 201, CIS 111
_____	ACC 301 Intermediate Accounting I	4.0	ACC 202
_____	ACC 302 Intermediate Accounting II	4.0	ACC 301
_____	ACC 310 Cost Accounting	4.0	ACC 202
_____	ACC 315 Accounting Communication & Professional Development (WI)	4.0	ACC 202
_____	ACC 320 Accounting Systems & Analytics	4.0	ACC 301
_____	ACC 325 Introduction to Taxation	4.0	ACC 202
_____	ACC 420 Auditing	4.0	ACC 302, ACC 320
_____	ACC 425 Advanced Taxation/Nonprofit & Govt. Accounting	4.0	ACC 302, ACC 325
_____	ACC 430 Advanced Accounting (SC)	4.0	ACC 302, Senior Status
_____	ACC 397 Field Experience	4.0	Department Chair Approval
<b>Business Coursework</b>			
_____	BUS 200 Principles of Management	4.0	
_____	BUS 205 Principles of Marketing	4.0	
_____	BUS 300 The Legal Environment of Business	4.0	
_____	BUS 401 Financial Management	4.0	ACC 201, ECON 200, MAT 115, CIS 111
_____	BUS 405 Business Ethics and Social Responsibility	4.0	
_____	BUS 410 Cases in Business Policy (SC)	4.0	BUS 200, BUS 205, BUS 401*
			*may also be corequisite
<b>Computer Science Coursework</b>			
_____	CIS 111 Spreadsheets	1.0	
_____	CIS 211 Advanced Spreadsheets	1.0	CIS 111
<b>Economics Coursework</b>			
_____	ECON 200 Economics for the Citizen	4.0	
<b>Mathematics Coursework: Choose One Course</b>			
_____	MAT 115 Elementary Statistics	4.0	MAT 100 or higher
_____	MAT 205 Statistics	4.0	MAT 120 or higher
_____	MAT 412 Mathematical Statistics	4.0	MAT 411

# ACCOUNTING MINOR

2023-2024

**Minor Requirements:** Twenty-one (21) semester hours.

At least twelve (12) semester hours of Accounting must be taken at Aquinas at the 300 level or above.

Only courses with a C- or better will count toward the minor. Students may take a course twice to obtain the requisite C-.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ ACC 201 Introduction to Acct. & Financial Analysis	4.0	CIS 111 (may also be corequisite)
_____ ACC 202 Financial & Managerial Accounting	4.0	ACC 201, CIS 111
_____ ACC 301 Intermediate Accounting I	4.0	ACC 202
_____ CIS 111 Spreadsheets	1.0	
 <b>Electives: Eight (8) semester hours from the following</b>		
_____ ACC 302 Intermediate Accounting II	4.0	ACC 301
_____ ACC 310 Cost Accounting	4.0	ACC 202
_____ ACC 315 Accounting Communication and Professional Development (WI)	4.0	ACC 202
_____ ACC 320 Accounting Systems & Analytics	4.0	ACC 301
_____ ACC 325 Introduction to Taxation	4.0	ACC 202
_____ ACC 330 Forensic Accounting	4.0	ACC 202

A number of college electives are offered and recommended depending on the type of certification desired, e.g. Certified Public Accountant (CPA), Certified Internal Auditor (CIA), and Certified Management Accountant (CMA).

## **Course Descriptions:**

**ACC 100 Financial Activities of Nonprofits (4)** This course provides an introduction to financial information needed by decision makers in nonprofit organizations. Topics include fundamentals of accrual-basis accounting, nonprofit financial statements, budgeting, internal controls, payroll, federal tax reporting (Form 990), strategies for revenue generation, and the functions of external auditing. The course includes a project in which students provide assistance with a local nonprofit organization's financial activities.

**ACC 201 Introduction to Accounting and Financial Analysis (4)** This course is an introduction to financial and managerial accounting. It takes a wholistic approach by providing instruction in both disciplines in an integrated format. The course's primary focus is on developing students' ability to interpret accounting information for business decision making. Financial accounting topics include basic accounting processes and procedures, financial statement preparation and analysis, internal control, and the valuation and measurement of accounts included in financial reports. Managerial accounting topics include methods of costing products and services, cost-volume-profit analysis, and budgeting. Corequisite(s): CIS 111.

**ACC 202 Financial and Managerial Accounting (4)** This course provides a continuing study of the theory and practice of accounting. Topics include the periodic accounting process, recognition and measurement of accounts included in financial reporting, accounting for product costs within the manufacturing process, and reporting financial results. Students will learn how to use accounting software in a semester-long business simulation. Prerequisite(s): ACC 201 and CIS 111.

**ACC 301 Intermediate Accounting I (4)** This course is a continuation of the study of financial accounting theory and practice; it emphasizes the recognition and measurement of assets. Topics include the conceptual framework of accounting, the time value of money, and financial statement preparation (income statement, statement of changes in equity, and balance sheet). Accounting Standards Codification research is introduced. Prerequisite(s): ACC 202.

**ACC 302 Intermediate Accounting II (4)** This course is a continuation of the study of financial accounting theory and practice; it emphasizes the recognition and measurement of liabilities and stockholders' equity. Topics include contingencies, leases, deferred taxes, earnings per share, long-term investments, revenue recognition, and preparation of the statement of cash flows. Accounting Standards Codification research is continued. Prerequisite(s): ACC 301.

**ACC 310 Cost Accounting (4)** This course provides an in-depth study of managerial accounting. Topics include activity-based costing, standard costs, flexible budgeting, tools for planning and controlling costs, variance analysis, and capacity analysis. Prerequisite(s): ACC 202.

**ACC 315 Accounting Communication and Professional Development (4)** This course focuses on the development of research, writing, presentation, and communication skills necessary to be effective in an accounting career. It explores the accounting profession and develops students' abilities to navigate various accounting career paths. Topics include professional accounting publications and organizations, public speaking, and business e-communication. Students interview current practitioners and engage in professional activities, e.g., conference attendance. Prerequisite(s): ACC 202.

**ACC 320 Accounting Systems and Analytics (4)** This course provides instruction in the design, implementation, and monitoring of information systems from an accounting perspective. Emphasis is placed on how data is generated and stored within information systems and the methodologies and technologies used to analyze data. The course includes a focus on business processes and internal controls. Prerequisite(s): ACC 301.

**ACC 325 Introduction to Taxation (4)** This course emphasizes the basic concepts of revenue recognition and realization, deductions, and credits. Standard individual and corporate federal tax returns are introduced. Students practice the full process of completing tax returns. Prerequisite(s): ACC 202.

**ACC 330 Forensic Accounting (4)** This course introduces principles of forensic accounting and analysis of financial evidence. Emphasis is placed on professional ethics, fraud detection, and system evaluation. Topics include elements of fraud-related offenses, investigation, evidence-gathering procedures, legal professional privilege, and interviewing techniques. Prerequisite(s): ACC 202.

**ACC 335 Beyond Balances (1)** This course explores the field of accounting ethics through the stories of characters based on real CPAs facing challenges in public practice and industry. Evocative dilemmas contextualize and illustrate the practical application of various accounting and professional standards. Through the lens of professionals in a variety of roles, students examine the realities of human behavior, conflicts with core values, digital evolution, and the



learn-unlearn-relearn mindset required in the accounting profession. Prerequisite or co-requisite(s): ACC 301.

**ACC 396 Special Topics in Accounting (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**ACC 397 Internship in Accounting (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**ACC 398 Readings in Accounting (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**ACC 399 Independent Project in Accounting (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**ACC 420 Auditing (4)** This course introduces auditing theory and current practices through a semester-long audit simulation. Students perform a comprehensive financial statement audit, including risk assessment, internal control considerations, detailed account testing, and audit conclusions. The simulation concludes with a presentation of the audit results to an audit committee composed of a panel of accounting professionals. The course includes a review of the ethical and professional standards required of the CPA. Prerequisite(s): ACC 302 and ACC 320.

**ACC 425 Adv. Taxation / Nonprofit and Govt. Acc. (4)** This course provides an in-depth examination of tax topics, including research of the Internal Revenue Code, net operating losses, estate taxes, gift taxes, and passthrough entities. The course also covers accounting for state and local governmental units and nonprofit organizations. Prerequisite(s): ACC 302 and ACC 325.

**ACC 430 Advanced Accounting (4)** Accounting capstone course covering advanced financial accounting topics including business combinations, corporate consolidations, and foreign currency. The course includes a major project in which students research and analyze a real-world business combination and present their findings on the strategic value and accounting implications of the transaction. Prerequisite(s): ACC 302 and senior class standing.

**ACC 450 CPA Exam Review (1 - 4)** This course is an organized review of all parts of the CPA Exam. Emphasis is placed on developing exam-taking skills and strategies. Prerequisite(s): ACC 420 or ACC 430.

# **Art**

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**Dana Freeman, M.F.A., Chair**

**Chris Laporte, M.F.A.; Nathan Lareau, M.F.A., Jochen Wierich, Ph.D.**

**Mission Statement.** The Art department's mission is to train artists, art historians, and visual arts administrators, as well as to provide service courses for non-art majors. Through our courses, we aspire to build an appreciation for the rich interchange of images and ideas that can happen between art and other academic disciplines.

## **Student Learning Outcomes.**

### Student Learning Outcomes for Fine Arts Majors:

1. Students will gain a particular knowledge of and ability with the human form.
2. Students will gain knowledge of their personal artistic antecedents.
3. Students will learn to present their art and ideas professionally, including digital portfolio preparation, resume writing, and discussion of the ideas, images, and processes in their own art.
4. Students will gain adequate knowledge regarding contemporary art issues.

### Student Learning Outcomes for Art History Majors:

1. Students will gain knowledge of the history of art, ancient through contemporary.
2. Students will gain knowledge of formal design theory, and of critical evaluation of art objects based on formal design theory.
3. Students will gain an understanding of the artistic and cultural context in which a given art object is created.
4. Students will gain an ability to do scholarly writing and research.
5. Students will gain a familiarity with museums, galleries, and exhibition centers.
6. Students interested in any of the major or minor programs listed below are asked to consult with the Art Department Chairperson. For each course in any of the Art Department degree programs, a grade of C- or better is required.

**Exhibition Program.** The Art and Music Center houses an excellent exhibition facility, through which the Art Department's exhibition program provides art students and the College and civic communities the opportunity to experience, study, and enjoy artwork in a wide variety of media and conceptual concerns. Exhibition opportunities and requirements are part of each degree program.

# ART MAJOR

*Bachelor of Arts*

2023-2024

## Major Requirements: Forty (40) semester hours.

At least twenty (20) semester hours must be taken at Aquinas.

Art majors may not declare an Art History major or minor.

A GPA of at least 2.0 must be maintained.

Only courses with a grade of C- or better will count toward the major.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ ART 105 Art History Across Cultures	4.0	_____
_____ ART 110 Basic Drawing	4.0	_____
_____ ART 115 Graphic Design	4.0	_____
_____ ART 120 2D & 3D Design	4.0	_____
_____ ART 245 New Forms	4.0	_____
_____ ART 265 Modern Art Survey	4.0	_____ ART 105
_____ ART 270 Contemporary Art	4.0	_____ ART 105
_____ ART 410 Art Capstone: Professionalism (SC)	4.0	_____ Junior or Senior Status
<b>Studio Art coursework: Choose eight (8) credits</b>		
_____ ART 210 Advanced Drawing	4.0	_____ ART 110
_____ ART 215 Darkroom Photography	4.0	_____
_____ ART 220 Digital Photography	4.0	_____
_____ ART 225 Painting	4.0	_____ ART 110 or ART 120
_____ ART 230 Printmaking	4.0	_____ ART 110
_____ ART 240 Sculpture	4.0	_____ ART 120

# FINE ARTS MAJOR

*Bachelor of Fine Arts*

2023-2024

**Major Requirements:** Seventy-six (76) semester hours.

At least thirty (30) semester hours must be taken at Aquinas.

A portfolio review is required every semester and a senior portfolio must be submitted before mid-term of the final semester.

Fine Arts majors may not declare an Art History major or minor.

BFA majors are required to do a thesis exhibition in the Spring of their final year.

A GPA of at least 2.0 must be maintained.

Only courses with a grade of C- or better will count toward the major.

AQUINAS REQUIREMENTS		GRADE	PREREQUISITES
_____	ART 105 Art History Across Cultures (GP)	4.0	_____
_____	ART 110 Basic Drawing	4.0	_____
_____	ART 115 Graphic Design	4.0	_____
_____	ART 120 2D & 3D Design	4.0	_____
_____	ART 210 Advanced Drawing	4.0	ART 110
_____	ART 215 Darkroom Photography OR ART 220 Digital Photography	4.0	_____
_____	ART 225 Painting	4.0	ART 110 or ART 120
_____	ART 230 Printmaking	4.0	ART 110
_____	ART 240 Sculpture	4.0	ART 120
_____	ART 245 New Forms	4.0	_____
_____	ART 265 Modern Art Survey	4.0	ART 105
_____	ART 270 Contemporary Art	4.0	ART 105
_____	ART 301 Advanced Studio I	4.0	ART 110, ART 120
_____	ART 302 Advanced Studio II	4.0	ART 301
_____	ART 401 Advanced Studio III	4.0	ART 302
_____	ART 402 Advanced Studio IV	4.0	ART 401
_____	ART 410 Art Capstone: Professionalism (SC)	4.0	Junior or Senior Status
<b>Art coursework: Choose eight (8) credits</b>			
_____	ART 235 Ceramics	4.0	_____
_____	ART 250 Renaissance and Baroque Art	4.0	ART 105
_____	ART 255 American Art	4.0	ART 105
_____	ART 260 19th Century Art	4.0	ART 105
_____	ART 310 Cityscape Drawing Abroad	4.0	ART 110, ART 105
_____	ART 311 Art & Architecture Abroad	4.0	ART 110, ART 105
_____	ART 403 Advanced Studio V	4.0	ART 402

# ART HISTORY MAJOR

*Bachelor of Arts*

2023-2024

## Major Requirements: Thirty-six (36) semester hours.

At least twenty (20) semester hours in Art History must be taken at Aquinas.

A senior portfolio must be submitted before mid-term of the final semester.

It is recommended to complete the World Language requirement in the General Education plan in French or German.

Art History majors may not declare an Art major/minor or a Fine Arts major.

Students are encouraged to complete an internship in the arts field.

A GPA of 2.0 must be maintained.

Only courses with a grade of C- or better will count toward the major.

AQUINAS REQUIREMENTS		GRADE	PREREQUISITES
_____	ART 105 Art History Across Cultures (GP)	4.0	_____
_____	ART 265 Modern Art Survey (WI)	4.0	_____ ART 105
_____	ART 270 Contemporary Art	4.0	_____ ART 105
_____	ART 420 Art History Capstone: Historiography (SC)	4.0	_____
<b>Art History coursework: Choose twelve (12) credits</b>			
_____	ART 250 Renaissance and Baroque Art	4.0	_____ ART 105
_____	ART 255 American Art	4.0	_____ ART 105
_____	ART 260 19th Century Art	4.0	_____ ART 105
_____	ART 311 Art & Architecture Abroad	4.0	_____ ART 105, ART 110
_____	ART 397 Internship in Art History	varies	_____ Department Chair Approval
_____	ART 398 Readings in Art History	varies	_____ Department Chair Approval
_____	ART 399 Independent Project in Art History	varies	_____ Department Chair Approval
<b>Studio Art coursework: Choose eight (8) credits</b>			
_____	ART 120 2D & 3D Design	4.0	_____
_____	ART 115 Graphic Design	4.0	_____
_____	ART 210 Advanced Drawing	4.0	_____ ART 110
_____	ART 215 Darkroom Photography	4.0	_____
_____	ART 220 Digital Photography	4.0	_____
_____	ART 225 Painting	4.0	_____ ART 110 or ART 120
_____	ART 230 Printmaking	4.0	_____ ART 110
_____	ART 235 Ceramics	4.0	_____
_____	ART 240 Sculpture	4.0	_____ ART 120
_____	ART 245 New Forms	4.0	_____
_____	ART 310 Cityscape Drawing Abroad	4.0	_____ ART 105, ART 110

# ART HISTORY MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least twelve (12) semester hours must be taken at Aquinas.

Art History minors may not declare an Art major/minor or Fine Arts major.

A GPA of at least 2.0 must be maintained.

Only courses with a grade of C- or better will count toward the minor.

<b>AQUINAS REQUIREMENTS</b>		<b>GRADE</b>	<b>PREREQUISITES</b>
_____ ART 105 Art History Across Cultures (GP)		4.0	_____
_____ ART 265 Modern Art Survey		4.0	_____ ART 105
_____ ART 270 Contemporary Art		4.0	_____ ART 105
<b>Art History coursework: Choose eight (8) credits</b>			
_____ ART 250 Renaissance and Baroque Art		4.0	_____ ART 105
_____ ART 255 American Art		4.0	_____ ART 105
_____ ART 260 19th Century Art		4.0	_____ ART 105
_____ ART 311 Art & Architecture Abroad		4.0	_____ ART 105, ART 110
_____ ART 420 Art History Capstone: Historiography (SC)		4.0	_____
_____ ART 397 Internship in Art History	varies	_____	_____ Department Chair Approval
_____ ART 398 Readings in Art History	varies	_____	_____ Department Chair Approval
_____ ART 399 Independent Project in Art History	varies	_____	_____ Department Chair Approval

# STUDIO ART MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least twelve (12) semester hours must be taken at Aquinas.

Studio Art minors may not declare an Art History major or minor.

A GPA of at least 2.0 must be maintained.

Only courses with a C- or better will count toward the minor.

AQUINAS REQUIREMENTS		GRADE	PREREQUISITES
_____	ART 105 Art History Across Cultures (GP)	4.0	_____
_____	ART 110 Basic Drawing	4.0	_____
<b>Design coursework: Choose four (4) credits</b>			
_____	ART 115 Graphic Design	4.0	_____
_____	ART 120 2D & 3D Design	4.0	_____
<b>Studio Art coursework: Choose eight (8) credits</b>			
_____	ART 210 Advanced Drawing	4.0	ART 110
_____	ART 215 Darkroom Photography	4.0	_____
_____	ART 220 Digital Photography	4.0	_____
_____	ART 225 Painting	4.0	ART 110 or ART 120
_____	ART 230 Printmaking	4.0	ART 110
_____	ART 240 Sculpture	4.0	ART 120
_____	ART 245 New Forms	4.0	_____

## **Course Descriptions:**

**ART 100 Art for Non-Majors (4)** Introduction to visual thinking and process in art through a studio art experience. Variable topics course. Possible media include ceramics, drawing, painting, printmaking, photography, or sculpture. Credit may be earned under different topics.

**ART 105 Art History Across Cultures (4)** An introduction survey of art from pre history to 19th century in a global perspective; a study of major monuments of painting, sculpture, and architecture in this time period.

**ART 110 Basic Drawing (4)** Introductory course in drawing from life using traditional materials and subject matter including still life, landscape, and the human figure. Projects will emphasize development of technical facility and understanding of composition eventually leading to confidence in exploration of media, techniques, and creative solutions.

**ART 115 Graphic Design (4)** This course introduces the technical and creative aspects of graphic design, digital design and the design process. Assignments will introduce the most current computer applications and image making software used in the graphic design profession. Traditional and digital design environments will be explored, and principles of 2-d design will be woven into every unit, every project, and every media used.

**ART 120 2D and 3D Design (4)** This course will cover the basic elements of both 2 and 3 dimensional design. Studio problems, readings, and critiques will create a visual vocabulary and develop familiarity with both 2 and 3-D materials. Color theory will also be introduced.

**ART 210 Advanced Drawing (4)** An advanced drawing course working from a live model with traditional and non-traditional media. Broadening of technical and conceptual approaches are encouraged through working in series with the goal of establishing an individual artistic direction. Prerequisite(s): ART 110.

**ART 215 Darkroom Photography (4)** Exploration of darkroom photography as fine art. Includes: basic camera handling, black-and-white film development, and darkroom printing. Discussion of techniques, aesthetics and concept development to express your own ideas. In-class feedback and frequent class critiques. Equipment required: 35 mm camera. Some available to share.

**ART 220 Digital Photography (4)** Introduction to digital photography. Includes: basic camera handling and image editing. (Printing covered, but not required.) Discussion of techniques, aesthetics and concept development to express your own ideas. Equipment required: Traditional SLR digital camera or phone camera.

**ART 225 Painting (4)** Beginning course in oil painting. Introduction to basic tools and techniques, with an emphasis on observation and composition. Prerequisite(s): ART 110 or ART 120.

**ART 230 Printmaking (4)** Beginning course in etching, lithography, and relief printmaking. Introduction to materials, techniques and methods unique to these media. Prerequisite(s): ART 110.

**ART 235 Ceramics (4)** Introduction to ceramics as a fine-art form. Hand building, wheelthrowing, and glazing techniques. Frequent critiques will build skills in evaluating art objects.

**ART 240 Sculpture (4)** Traditional life-sized figurehead project modeled in clay and either kilnfired or cast in plaster. Additional figurative sculptural problems. Prerequisite(s): ART 120.

**ART 245 New Forms (4)** Based in a post-modern art aesthetic, this course will allow students to make art using a concept-driven approach. Ideas will be developed via reading, journalwriting, sketching, video, and photography. Final art works will use media appropriate to the idea.

**ART 250 Renaissance & Baroque Art (4)** A study of the artistic styles and cultural centers of European painting, sculpture and architecture of the 17th and 18th centuries. Emphasis will be placed on the development and legacy of leading masters such as Rembrandt, Rubens, Bernini and Caravaggio. Prerequisite(s): ART 105.

**ART 255 American Art (4)** This course is a survey of American Art from a global perspective, focusing primarily upon painting, sculpture, and architecture from the Colonial Era to World War I. Prerequisite(s): ART 105.

**ART 260 19th Century Art (4)** An examination of the major artistic personalities and stylistic movements in European art from Neo-Classicism through Post-Impressionism. Art and architecture of non-European art from this time period will also be introduced. Prerequisite(s): ART 105.

**ART 265 Modern Art Survey (4)** A survey of modern art practices in Europe and the United States from 1880 to 1945. Prerequisite(s): ART 105.

**ART 270 Contemporary Art (4)** An exploration of the primary currents in the visual arts from 1945 through the present. Leading figures and artistic currents in the United States and Europe are discussed as will the expanding role of art theory and criticism. Prerequisite(s): ART 105.

**ART 301 Advanced Studio I (4)** An advanced cross media studio art experience where students further develop their unique artistic voice through series. Experimentation is strongly encouraged and supported. Prerequisite(s): ART 110 and ART 120.



**ART 302 Advanced Studio II (4)** An advanced cross media studio art experience where students further develop their unique artistic voice through series. Experimentation is strongly encouraged and supported. Prerequisite(s): ART 301.

**ART 310 Cityscape Drawing Abroad (4)** Variable topics course. Introduction to visual thinking and process in art through a studio art experience in drawing, specifically as it applies to the art and architecture of a major art center. Travel component required. May be repeated for credit to different destinations. Prerequisite(s): ART 105 and ART 110.

**ART 311 Art & Architecture Abroad (4)** Variable topics course. An intensive seminar in the art history of a region outside the United States. Travel component required. May be repeated for credit to different destinations. Prerequisite(s): ART 105 and ART 110.

**ART 396 Special Topics in Art (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**ART 397 Internship in Art (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**ART 398 Readings in Art History (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**ART 399 Independent Project in Art (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**ART 401 Advanced Studio III (4)** An advanced cross media studio art experience where students further develop their unique artistic voice through series. Experimentation is strongly encouraged and supported. Prerequisite(s): ART 302.

**ART 402 Advanced Studio IV (4)** An advanced cross media studio art experience where students further develop their unique artistic voice through series. Experimentation is strongly encouraged and supported. Prerequisite(s): ART 401.

**ART 403 Advanced Studio V (4)** An advanced cross media studio art experience where students further develop their unique artistic voice through series. Experimentation is strongly encouraged and supported. Prerequisite(s): ART 402.

**ART 410 Art Capstone: Professionalism (4)** Structured experiences centered on the profession of being an artist: digital documentation of artworks, portfolio and resume preparation, discussions with art professionals, and learning techniques for mounting an exhibition. Substantial writing component. Prerequisite(s): Junior or senior class standing.

**ART 420 Art History Capstone: Historiography (4)** This intensive course introduces the history, philosophy, and practice of the field of art history from antiquity to the present, reflecting on how different theoretical approaches shape thinking and writing about art.

## **Biochemistry and Molecular Biology**

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**Elizabeth Jensen, Ph.D., Chair**

**Timothy Henshaw, Ph.D.; Jennifer Hess, Ph.D., Rebecca Flaherty, Ph.D**

The Biochemistry and Molecular Biology (BMB) program is an interdisciplinary major sponsored by the Departments of Biology and Chemistry and is intended to train students to approach scientific problems from both a biological and physical perspective. Students will be well prepared for entry-level positions in biomedical/biochemical research; graduate studies in biological and chemical fields; as well professional training in doctoral-level health care fields.

**Mission Statement.** The Aquinas College biochemistry and molecular biology (BMB) major challenges students' perceptions of the interworking of life around them by integrating their biological knowledge with fundamental chemical and physical principles.

### **Student Learning Outcomes.**

1. Students will demonstrate knowledge of biochemistry and molecular biology.
2. Students will demonstrate competence in basic laboratory techniques (apply the scientific method in the design and conduct of experiments, operate commonly-used laboratory equipment, analyze and interpret data).
3. Students will demonstrate competence in scientific communication (access and critically evaluate scientific information, organize and convey biological and chemical information in a written form, organize and convey biological and chemical information in an oral form).

# Biochemistry & Molecular Biology Major

Bachelor of Science

2023-2024

## Major Requirements: Seventy-two (72) semester hours.

At least thirty-six (36) semester hours must be taken at Aquinas.

All majors must attend at least eight (8) seminars approved by the Department Chairs and successfully complete the major field tests in Biology and Chemistry.

BMB majors may not declare additional majors/minors in Biology or Chemistry.

A GPA of 2.0 must be maintained with no more than one C-.

A minimum of a C is required in BIO 170 & BIO 171.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
BIO 170 Introduction to Organisms	4.0	
BIO 171 Introduction to Cells	4.0	
BIO 205 Genetics (WI)	4.0	BIO 170, BIO 171, CHEM 121* *may be a corequisite
BIO 320 Cell Biology	4.0	BIO 170, BIO 171
CHEM 121 General Chemistry I	4.0	MAT 120 (may be corequisite)
CHEM 122 General Chemistry II	4.0	CHEM 121 (C- or above)
CHEM 221 Organic Chemistry I	4.0	CHEM 122 (C- or above)
CHEM 222 Organic Chemistry II	4.0	CHEM 221 (C- or above)
CHEM 230 Quantitative Analysis	4.0	CHEM 122 (C- or above)
CHEM 301 Fundamental Physical Chemistry	4.0	CHEM 122, MAT 121, PHYS 211* (C- or above) *may be a coreq.
CHEM 325 Biochemistry	4.0	CHEM 222 (C- or above)
CHEM 401 Chemistry Project Development (SC w/CHEM402)	2.0	Senior Status, Department Chair Approval
CHEM 402 Chemistry Practicum (SC w/CHEM401)	2.0	CHEM 401 (C- or above), Department Chair Approval
BCMB 305 Biochemical & Genetic Disease Mechanisms	4.0	CHEM 325
BCMB 315 Molecular Techniques	4.0	CHEM 325
PHYS 211 Gen Physics w/Calculus: Mechanics	4.0	MAT 121
PHYS 212 Gen Physics w/Calculus: Electricity	4.0	PHYS 211
MAT 121 Calculus I	4.0	MAT 120 or placement score
<b>Choose a minimum of four (4) semester hours from the following:</b>		
BIO 210 Microbiology	4.0	BIO 171
BIO 310 Physiology	4.0	BIO 170, BIO 171, CHEM 122
BIO 315 Immunology	4.0	BIO 170, BIO 171
BIO 325 Evolution	4.0	BIO 170, BIO 171, BIO 205
CHEM 322 Advanced Inorganic Chemistry	4.0	CHEM 122 (C- or above)
CHEM 330 Instrumental Methods of Analysis (WI)	4.0	CHEM 230 (C- or above)
<b>Recommended Courses:</b>		
MAT 122 Calculus II	4.0	MAT 121
MAT 221 Multivariate Calculus	4.0	MAT 122
MAT 205 Statistics	4.0	MAT 120 or above

### Optional Concentration: Genetic Counseling Preparatory

Concentration Requirements: Twenty-eight (28) semester hours.

At least sixteen (16) semester hours of coursework must be taken at Aquinas.

A GPA of at least 2.0 must be maintained in the minor coursework taken at Aquinas.

Only courses with a grade of C- or better will count toward the minor.

_____	BIO 330 Advanced Human Genetics	4.0	_____	BIO 205 w/C or above
_____	BIO 395 Genetic Counseling Internship	4.0	_____	BIO 205 w/C or above, declared Genetic Counseling Prep concentration
_____	CHEM 222 Organic Chemistry II	4.0	_____	CHEM 221 w/C- or above
_____	CHEM 325 Biochemistry	4.0	_____	CHEM 222 w/C- or above
_____	PSY 100 Introduction to Psychology	4.0	_____	_____
_____	PSY 315 Counseling Psychology	4.0	_____	PSY 100
<b>Choose one (1) of the following:</b>				
_____	MAT 205 Statistics	4.0	_____	MAT 120 or higher
_____	PSY 105 Statistics for the Social Sciences	4.0	_____	_____

### Course Descriptions:

**BCMB 305 Biochemical & Genetic Disease Mechanisms (4)** This course offers in-depth coverage of membrane dynamics, signal transduction, intermediate metabolism, and genetic mechanisms. Other topics may include nucleic acid synthesis, processing, expression, cellular utilization, and DNA repair mechanisms. Enzymatic mechanisms of each of these processes will be emphasized. The consequences of genetic mutations in human pathophysiology will also be discussed. Prerequisite(s): CHEM 325.

**BCMB 315 Molecular Techniques (4)** This course will combine lecture and project-based laboratory research to introduce students to techniques that are commonly used in modern biochemistry and molecular biology research. Methods such as Western Blotting, protein purification, enzyme kinetics, DNA electrophoresis, DNA sequencing, reverse transcriptase- and quantitative-polymerase chain reaction, site-directed mutagenesis, nucleic acid hybridization techniques, ELISA, and immunofluorescence microscopy will be discussed and/or utilized directly in a laboratory setting. Prerequisite(s): CHEM 325.

# **Biology and Health Science**

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**Jennifer Hess, Ph.D., Chair**

**Thomas Bahl, Ph.D.; Robb Bajema, Ph.D.; Rebecca Flaherty, Ph.D.; Rebecca Humphrey, Ph.D. L. Robert Peters, Ph.D.**

**Mission Statement.** The mission of the Department of Biology and Health Science at Aquinas College is to provide an environment that fosters learning, critical thinking, and scientific literacy. Through excellence in classroom instruction and laboratory experiences that support critical concepts and opportunities for independent research, we strive to prepare students to pursue careers in the life sciences and health professions.

## **Student Learning Outcomes.**

1. Students will gain content knowledge in the areas of:
  - molecular biology and genetics
  - cellular structure, function and energetics
  - taxonomy, systematics and biological diversity
  - ecology and evolution
2. Students will gain experience with essential macro- and micro-biological laboratory techniques
3. Students will practice disciplinary communication skills, including:
  - Scientific writing
  - Peer review
  - Oral presentation

# BIOLOGY MAJOR

Bachelor of Science

2023-2024

**Major Requirements:** Fifty-two (52) semester hours.

At least twenty (20) semester hours of Biology must be taken at Aquinas.

All majors must attend at least twelve (12) science division presentations, complete six (6) hours of biology-related service learning, and successfully complete the Major Field Test.

A GPA of at least 2.0 must be maintained in Biology courses taken at Aquinas.

Only courses with a grade of C- or better will count toward the major (BIO 170 and BIO 171 require a C or better).

AQUINAS REQUIREMENTS		GRADE	PREREQUISITES
_____	BIO 170 Introduction to Organisms (C or above)	4.0	
_____	BIO 171 Introduction to Cells (C or above)	4.0	
_____	BIO 205 Genetics (WI)	4.0	BIO 170 & BIO 171 w/C or above, CHEM 121 (co- or pre-req.)
_____	BIO 325 Evolution	4.0	BIO 170 & BIO 171 w/C or above, BIO 205
<b>Senior Seminar: Choose one option</b>			
_____	BIO 401 AND BIO 402 Biology Research Seminar I & II (SC)	4.0	Both require Senior status and Instructor Consent. BIO 402 also requires BIO 401 with C or above.
_____	BIO 405 Senior Seminar (SC)	4.0	Senior Status, Instructor Consent
<b>Ecology &amp; Biodiversity coursework: Choose one (1) course</b>			
_____	BIO 215 Ornithology	4.0	BIO 170 w/C or above
_____	BIO 225 Aquatic Biology	4.0	BIO 170 w/C or above
_____	BIO 305 Ecology	4.0	BIO 170 & BIO 171 w/C or above
<b>Organismal Biology coursework: Choose one (1) course</b>			
_____	BIO 220 Plant Biology	4.0	BIO 170 w/C or above
_____	BIO 300 Neuroscience	4.0	BIO 115 or BIO 171 w/C or above, Sophomore Status, Instructor Consent
_____	BIO 310 Physiology	4.0	BIO 170 & BIO 171 w/C or above, CHEM 122
<b>Cellular &amp; Molecular coursework: Choose one (1) course</b>			
_____	BIO 210 Microbiology	4.0	BIO 171 w/C or above
_____	BIO 300 Neuroscience	4.0	BIO 115 or BIO 171 w/C or above, Sophomore Status, Instructor Consent
_____	BIO 315 Immunology	4.0	BIO 170 & BIO 171 w/C or above
_____	BIO 320 Cell Biology	4.0	BIO 170 & BIO 171 w/C or above
_____	BIO 330 Advanced Human Genetics	4.0	BIO 205 w/C or above
<b>Biology coursework: Choose one (1) course</b>			
_____	BIO 210 Microbiology	4.0	BIO 170 & BIO 171 w/C or above
_____	BIO 215 Ornithology	4.0	BIO 170 w/C or above
_____	BIO 220 Plant Biology	4.0	BIO 170 w/C or above
_____	BIO 225 Aquatic Biology	4.0	BIO 170 w/C or above
_____	BIO 300 Neuroscience	4.0	BIO 115 or BIO 171 w/C or above, Soph. Status, Instructor Permission
_____	BIO 305 Ecology	4.0	BIO 170 & BIO 171 w/C or above
_____	BIO 310 Physiology	4.0	BIO 170 & BIO 171 w/C or above, CHEM 122
_____	BIO 315 Immunology	4.0	BIO 170 & BIO 171 w/C or above
_____	BIO 320 Cell Biology	4.0	BIO 170 & BIO 171 w/C or above
_____	BIO 330 Advanced Human Genetics	4.0	BIO 205 w/C or above
<b>Chemistry coursework</b>			
_____	CHEM 121 General Chemistry I	4.0	MAT 120 or above (may be a coreq.)
_____	CHEM 122 General Chemistry II	4.0	CHEM 121 w/C- or above
_____	CHEM 221 Organic Chemistry I	4.0	CHEM 122 w/C- or above

**Mathematics coursework**

_____	MAT 120 Precalculus or a higher level course	4.0	_____	_____
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**Optional Concentration: Genetic Counseling Preparatory**

Concentration Requirements: Twenty-eight (28) semester hours.

At least sixteen (16) semester hours of coursework must be taken at Aquinas.

A GPA of at least 2.0 must be maintained in the minor coursework taken at Aquinas.

Only courses with a grade of C- or better will count toward the minor.

_____	BIO 330 Advanced Human Genetics	4.0	_____	BIO 205 w/C or above
_____	BIO 395 Genetic Counseling Internship	4.0	_____	BIO 205 w/C or above, declared Genetic Counseling Prep concentration
_____	CHEM 222 Organic Chemistry II	4.0	_____	CHEM 221 w/C- or above
_____	CHEM 325 Biochemistry	4.0	_____	CHEM 222 w/C- or above
_____	PSY 100 Introduction to Psychology	4.0	_____	_____
_____	PSY 315 Counseling Psychology	4.0	_____	PSY 100

**Choose one (1) of the following:**

_____	MAT 205 Statistics	4.0	_____	MAT 120 or higher
_____	PSY 105 Statistics for the Social Sciences	4.0	_____	_____

# BIOLOGY MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least eight (8) semester hours must be selected from field/elective courses at or above the 200 level.

At least twelve (12) semester hours of biology coursework must be taken at Aquinas.

A GPA of at least 2.0 must be maintained in biology courses taken at Aquinas.

Only courses with a grade of C- or better will count toward the minor (BIO 170 & BIO 171 require a C or better).

Only grades of C or better will count toward secondary education certification.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ BIO 170 Introduction to Organisms (C or above)	4.0	_____
_____ BIO 171 Introduction to Cells (C or above)	4.0	_____
<b>Choose one (1) course in Ecology &amp; Biodiversity:</b>		
_____ BIO 105 Environmental Biology	4.0	_____
_____ BIO 110 Tropical Ecology (study away)	4.0	_____
_____ BIO 215 Ornithology	4.0	_____ BIO 170 w/C or above
_____ BIO 225 Aquatic Biology	4.0	_____ BIO 170 w/C or above
_____ BIO 305 Ecology	4.0	_____ BIO 170 & BIO 171 w/C or above
<b>Choose two (2) courses from the following:</b>		
_____ BIO 105 Environmental Biology	4.0	_____
_____ BIO 115 Human Biology	4.0	_____
_____ BIO 205 Genetics (WI)	4.0	_____ BIO 170 & BIO 171 w/C or above, CHEM 121 (co- or pre-req.)
_____ BIO 210 Microbiology	4.0	_____ BIO 171 w/C or above
_____ BIO 215 Ornithology	4.0	_____ BIO 170 w/C or above
_____ BIO 220 Plant Biology	4.0	_____ BIO 170 w/C or above
_____ BIO 225 Aquatic Biology	4.0	_____ BIO 170 w/C or above
_____ BIO 300 Neuroscience	4.0	_____ BIO 115 or BIO 171 w/C or above, Sophomore Status, Instructor Consent
_____ BIO 305 Ecology	4.0	_____ BIO 170 & BIO 171 w/C or above
_____ BIO 310 Physiology	4.0	_____ BIO 170 & BIO 171 w/C or above, CHEM 122
_____ BIO 315 Immunology	4.0	_____ BIO 170 & BIO 171 w/C or above
_____ BIO 320 Cell Biology	4.0	_____ BIO 170 & BIO 171 w/C or above
_____ BIO 325 Evolution	4.0	_____ BIO 170 & BIO 171 w/C or above, BIO 205



# HEALTH SCIENCE MAJOR

Bachelor of Science

2023-2024

**Major Requirements:** Sixty-four (64) semester hours.

At least thirty-two (32) semester hours of health science course work must be taken at Aquinas.

All majors must attend at least twelve (12) science division presentations, complete six (6) hours of biology-related service learning, and successfully complete the Major Field Test.

A GPA of at least 2.0 must be maintained in math and science courses taken at Aquinas. Only courses with a grade of C- or better will count toward the major (BIO 155, BIO 170, and BIO 171 require a C or better).

AQUINAS REQUIREMENTS:		GRADE	PREREQUISITES
<b>Biology coursework</b>			
_____	BIO 155 Human Anatomy & Physiology I (C or above)	4.0	_____
_____	BIO 156 Human Anatomy & Physiology II	4.0	_____ BIO 155 w/C or above
_____	BIO 170 Introduction to Organisms (C or above)	4.0	_____
_____	BIO 171 Introduction to Cells (C or above)	4.0	_____
_____	BIO 205 Genetics (WI)	4.0	_____ BIO 170 & BIO 171 w/C or above, CHEM 121 (co- or pre-req.)
_____	BIO 405 Senior Seminar (SC)	4.0	_____ Senior Status, Instructor Consent
<b>Chemistry coursework</b>			
_____	CHEM 121 General Chemistry I	4.0	_____ MAT 120 or above (may be a coreq.)
_____	CHEM 122 General Chemistry II	4.0	_____ CHEM 121 w/C- or above
_____	CHEM 221 Organic Chemistry I	4.0	_____ CHEM 122 w/C- or above
_____	CHEM 222 Organic Chemistry II	4.0	_____ CHEM 221 w/C- or above
_____	CHEM 325 Biochemistry	4.0	_____ CHEM 222 w/C- or above
<b>Mathematics coursework</b>			
_____	MAT 120 Precalculus or higher	4.0	_____
<b>Physics coursework: Choose one (1) course</b>			
_____	PHYS 201 General Physics: Mechanics, Sound, Heat	4.0	_____
_____	PHYS 211 General Physics w/Calculus: Mechanics	4.0	_____ MAT 121
<b>Physics or Mathematics coursework: Choose one (1) course</b>			
_____	PHYS 202 General Physics: Elect., Magnetism, Light	4.0	_____ PHYS 201
_____	PHYS 212 General Physics w/Calculus: Electricity	4.0	_____ PHYS 211
_____	MAT 205 Statistics	4.0	_____ MAT 120 or higher
<b>Biology coursework: Choose two (2) courses, one (1) at the 300 level</b>			
_____	BIO 210 Microbiology	4.0	_____ BIO 171 w/C or above
_____	BIO 215 Ornithology	4.0	_____ BIO 170 w/C or above
_____	BIO 220 Plant Biology	4.0	_____ BIO 170 w/C or above
_____	BIO 225 Aquatic Biology	4.0	_____ BIO 170 w/C or above
_____	BIO 300 Neuroscience	4.0	_____ BIO 115 or BIO 171 w/C or above, Sophomore Status, Instructor Consent
_____	BIO 305 Ecology	3.0	_____ BIO 170 & BIO 171 w/C or above
_____	BIO 310 Physiology	4.0	_____ BIO 170 & BIO 171 w/C or above, CHEM 122
_____	BIO 315 Immunology	4.0	_____ BIO 170 & BIO 171 w/C or above
_____	BIO 320 Cell Biology	4.0	_____ BIO 170 & BIO 171 w/C or above
_____	BIO 325 Evolution	4.0	_____ BIO 170 & BIO 171 w/C or above, BIO 205

**Health Science Major, continued.**

**Optional Concentration: Genetic Counseling Preparatory, Twenty-eight (28) semester hours.**

- <sup>1</sup> At least sixteen (16) semester hours of coursework must be taken at Aquinas.
- <sup>1</sup> A GPA of at least 2.0 must be maintained in the minor coursework taken at Aquinas.
- <sup>1</sup> Only courses with a grade of C- or better will count toward the minor.

_____	BIO 330 Advanced Human Genetics	4.0	_____	BIO 205 w/C or above
_____	BIO 395 Genetic Counseling Internship	4.0	_____	BIO 205 w/C or above, declared Genetic Counseling Prep concentration
_____	CHEM 222 Organic Chemistry II	4.0	_____	CHEM 221 w/C- or above
_____	CHEM 325 Biochemistry	4.0	_____	CHEM 222 w/C- or above
_____	PSY 100 Introduction to Psychology	4.0	_____	
_____	PSY 315 Counseling Psychology	4.0	_____	PSY 100
<b>Choose one (1) of the following:</b>				
_____	MAT 205 Statistics	4.0	_____	MAT 120 or higher
_____	PSY 105 Statistics for the Social Sciences	4.0	_____	

## **Course Descriptions:**

**BIO 100 Concepts of Biology (4)** This course explores a broad overview of basic biological concepts including cell structure and function, genetics, ecology, evolution and biological diversity. Not applicable toward majors or minors.

**BIO 105 Environmental Biology (4)** This course is an introduction to aquatic and terrestrial ecosystems, with emphasis on human influences. Field experience based labs. Corequisite(s): BIO 105L.

**BIO 110 Introduction to Tropical Ecology (4)** This course is an introduction to the ecology and biodiversity of the tropics, with a focus on the tropics of Costa Rica. We will observe how the variations in mean annual temperature and mean annual precipitation of an area influence the terrestrial ecosystem of that area. We will explore and observe differences among various ecosystems found in Costa Rica. We will also consider how human activities influence the biodiversity and ecology of tropical ecosystems. Not applicable toward the biology major or minor.

**BIO 115 Human Biology (4)** This course explores a systems approach to the study of basic human anatomy and physiology designed for non-biology majors. Not applicable toward the major. Not applicable toward the minor for students having successfully completed the biology majors-level course Physiology. Corequisite(s): BIO 115L.

**BIO 155 Human Anatomy and Physiology I (4)** This course is an introduction to human anatomy and physiology for nursing, health science and biology and clinical exercise science majors. Not applicable toward the biology major or minor. Corequisite(s): BIO 155L.

**BIO 156 Human Anatomy and Physiology II (4)** This course is a continuation of BIO 155, the study of human anatomy and physiology for nursing, health science and clinical exercise science majors. Not applicable toward the biology major or minor. Prerequisite(s): BIO 155 with C or above. Corequisite(s): BIO 156L.

**BIO 170 Introduction to Organisms (4)** This course will combine lecture and laboratory to introduce students to evolution, organismal diversity, and ecology. Key areas of focus will include evolutionary processes, plant and animal diversity within a phylogenetic context, interactions between species and their environments, and ecosystem-level processes. An additional goal is to develop critical analytical skills through case studies, interactive lab protocols, and hands-on observations of plant and animal specimens. Corequisite(s): BIO 170L.

**BIO 171 Introduction to Cells (4)** This course will combine lecture and laboratory to introduce students to the structure and function of cells. Key areas of focus will include basic chemistry and the molecular origin of cells, an examination of cellular structures and organelles, cellular metabolism, cell division, basic principles of genetics, DNA replication, transcription, and translation. An additional goal is to develop critical analytical skills through case studies, and a project-based laboratory experience centered on exploration such as the categorization of soil microbes and antibiotic discovery. Corequisite(s): BIO 171L.

**BIO 200 Microbiology for Nursing Students (4)** Open to students enrolled in the UDM nursing program only. This course will combine lecture, laboratory, and other interactive and project-based activities to allow students to explore the morphology, taxonomy, and physiology of bacteria and other microorganisms. Key areas of focus will include microbial genetics, environmental and industrial significance of microorganisms, infectious diseases caused by microbes, and common techniques for visualizing, culturing, and identifying microbes in a laboratory setting. Prerequisite(s): BIO 156 with C or above and enrollment in UDM nursing program. Corequisite(s): BIO 200L.

**BIO 205 Genetics (4)** Open to declared biology, health science, and biochemistry and molecular biology majors. This course explores Mendelian, population, and molecular genetics, with an emphasis on recent advances. Prerequisite(s): BIO 170 and BIO 171 with C or above. Corequisite(s): BIO 205L.

**BIO 210 Microbiology (4)** This course will combine lecture, laboratory, and project-based activities to allow students to explore the morphology, taxonomy, and physiology of bacteria and other microorganisms. Key areas of focus will include microbial genetics, environmental and industrial significance of microorganisms, infectious diseases caused by microbes, and common techniques for visualizing, culturing, and identifying microbes in a laboratory setting. Prerequisite(s): BIO 171 with C or above. Corequisite(s): BIO 210L.

**BIO 215 Ornithology (4)** This course is an introduction to the study of birds, anatomy, physiology, behavior, natural history, and taxonomic classification. Prerequisite(s): BIO 170 with C or above.

**BIO 220 Plant Biology (4)** This course explores the structure, function, reproductive adaptations, and taxonomic classification of the major phyla of land plants. Emphasis on laboratory observations of micro- and macroscopic features and specialized terminology. Prerequisite(s): BIO 170 with C or above. Corequisite(s): BIO 220L.

**BIO 225 Aquatic Biology (4)** This course explores aquatic systems and organisms, their functions, origins and interactions. Field oriented labs with training in limnological equipment and analysis. Prerequisite(s): BIO 170 with C or above. Corequisite(s): BIO 225L.

**BIO 300 Neuroscience (4)** This course explores topics such as neuron functioning (action potential production including the behavior of receptors, ion channels and neurotransmitters), synaptic transmission, sensory and motor

systems, the neurobiological perspective of learning and memory, drugs and the brain, sex and the brain. Both invertebrate and vertebrate systems will be discussed. Prerequisite(s): BIO 115 or BIO 171 with C or above and sophomore class standing. Corequisite(s): BIO 300L.

**BIO 305 Ecology (4)** This course examines interrelationships between individuals and their abiotic environment as well as population- and community-level interactions. General principles will be applied to a range of organisms, including plants, animals, microorganisms, and humans. Labs will vary in structure and will emphasize the collection and evaluation of numerical data to test hypotheses. Prerequisite(s): BIO 170 and BIO 171 with C or above. Corequisite(s): BIO 305L.

**BIO 310 Physiology (4)** Open to declared biology, health science, and biochemistry and molecular biology majors. This course explores basic physiology of human body systems; neural and neuroendocrine integration and control. Prerequisite(s): BIO 170 and BIO 171 with C or above and CHEM 122. Corequisite(s): BIO 310L.

**BIO 315 Immunology (4)** This course explores molecular, cellular and organism-level immunology in health and disease. Foundational topics include: innate immunity, lymphocyte development, B and T cell immunity, and antigen presentation. Introductions to clinical immunology include: vaccines, autoimmunity, allergies, immunodeficiency and tumor immunology. Some current tools in immunological research will be discussed. Prerequisite(s): BIO 170 and BIO 171 with C or above.

**BIO 320 Cell Biology (4)** Open to declared biology, health science, and biochemistry and molecular biology majors. This course uses lecture and student-led analysis of primary literature to provide an in-depth study of cellular structure and function. Key topics include cellular ultrastructure and organelle function, macromolecule synthesis and trafficking, membrane dynamics, bioenergetics, cell signaling, the cell cycle, programmed cell death, and common research methods for visualizing and analyzing cells. Prerequisite(s): BIO 170 and BIO 171 with C or above.

**BIO 325 Evolution (4)** Open to declared biology, health science, or biochemistry and molecular biology majors. This course will focus on developing a deeper understanding of two key concepts in biological evolution: how natural selection operates and how evolutionary lineages change and diversify. Particular emphasis will be placed on interpretation of data and development of communication skills using both scholarly and popular press literature. Proficiency with algebra will be assumed. Prerequisite(s): BIO 170 and BIO 171 with C or above and BIO 205.

**BIO 330 Advanced Human Genetics (4)** This course takes a disease-based approach to the study of human genetics, including disease etiology, pathology, phenotype, and treatment options. A combination of lecture, literature review, and discussion formats will be employed. Diseases that will be discussed range from inborn errors of metabolism and structural protein defects to the chromosomal breakage syndromes. Methodologies that allow investigators to research human genetics will also be discussed. Prerequisite(s): BIO 205 with C or above.

**BIO 395 Genetic Counseling Internship (4)** Students will complete an internship with practicing genetic counselors and clinical geneticists. A written and oral report will be produced at the conclusions of the internship. Prerequisite(s): BIO 205 with C or above and declared Genetic Counseling Preparatory concentration.

**BIO 396 Special Topics in Biology (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**BIO 397 Internship in Biology (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**BIO 398 Readings in Biology (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**BIO 399 Independent Project in Biology (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**BIO 401 Biology Research Seminar I (2)** Concentrated study of a single topic resulting in a research proposal. Student proposals are expected to provide a detailed plan for conducting laboratory-based scientific research. Prerequisite(s): Senior class standing and instructor permission.

**BIO 402 Biology Research Seminar II (2)** Concentrated study of a single topic in a laboratory setting. Laboratory research, a written report detailing the research description, methods, and results obtained, as well as a formal oral presentation is required of all participants. Students will be expected to attend all presentations of their seminar topic. Prerequisite(s): BIO 401 with C or above, senior class standing, and instructor permission.

**BIO 405 Biology Seminar (4)** Concentrated study of a single topic. Students will conduct independent literature-based research and prepare a written review paper and formal oral presentation focusing on their chosen topic.

Students will be expected to attend all presentations of their seminar topic. Prerequisite(s): Senior class standing and instructor permission.

## **Business Administration**

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**David J. Hebert, P.h.D., Chair**

**Mark O'Toole, M.M., Brian DiVita M.S.; M.M., Bill Foley M.M.; Linda Hagan, Ph.D., Kerri Orders, M.M.; Thomas Olive, M.M.**

**Mission Statement.** The mission of the Department of Business Administration, in support of the mission of Aquinas College, is to prepare each student for a career of service to organizations, community, and family through the development of content knowledge and skill competencies within an ethical framework grounded in the liberal arts tradition.

**Philosophy Statement.** The Department of Business Administration at Aquinas College is committed to the development of broadly educated, globally oriented, ethical professionals, whose high standards of professional competence enable them to actively contribute to their profession, community and society. Competent professionals in the business and not-for-profit communities must be able to think critically, communicate clearly, research effectively, employ quantitative reasoning, use current technology, and work cooperatively with others.

The liberal arts and career orientation focus of the department provides students with the ability to see the world community and their relationship to it individually and collectively.

**Minimum Grade Requirement.** Any course specified as required in any program offered by the Department of Business Administration must be completed with a grade of "C-" or better.

### **Student Learning Outcomes.**

1. Student will be able to integrate functional business knowledge by evaluating various business conditions and identifying their relevant economic associations that benefit society in a local, national, and global environment.
2. Students will be able to identify key qualitative and quantitative variables affecting organizational decision-making by utilizing relevant information to solve complex problems and pursue opportunities.
3. Students will be able to effectively apply business law, economics, finance, management and marketing principles to develop strategic planning and competitive advantages for organizations.
4. Students will be able to identify, evaluate and implement strategic decision-making that supports organizational goals with an emphasis on the allocation of human and financial resources within an organization.
5. Students will be able to integrate a principled perspective to various business scenarios, by incorporating a core-value approach that is grounded in personal integrity, and prioritizes ethical decision-making.

# BUSINESS ADMINISTRATION MAJOR

Bachelor of Science in Business Administration (B.S.B.A.)

2023-2024

## Major Requirements: Forty-nine (49) semester hours.

At least twenty-four (24) semester hours must be taken at Aquinas.

If students are pursuing a business concentration with this degree, the courses in the concentration may NOT count towards the electives required for the Business Administration major.

A GPA of 2.0 must be maintained.

Only courses with a grade of C- or better will count toward the major.

AQUINAS REQUIREMENTS		GRADE	PREREQUISITES
_____	ACC 201 Introduction to Acct. & Financial Analysis	4.0	_____ CIS 111 (may also be a corequisite)
_____	ECON 200 Economics for the Citizen	4.0	_____
_____	CIS 111 Spreadsheets	1.0	_____
_____	BUS 200 Principles of Management	4.0	_____
_____	BUS 205 Principles of Marketing	4.0	_____
_____	BUS 300 The Legal Environment of Business	4.0	_____
_____	BUS 331 International Business	4.0	_____ BUS 200
_____	BUS 401 Financial Management	4.0	_____ ACC 201, ECON 200, CIS 111, MAT 115
_____	BUS 405 Business Ethics and Social Responsibility	4.0	_____ Junior or Senior Status
_____	BUS 410 Cases in Business Policy (SC)	4.0	_____ BUS 200, BUS 205, BUS401*
			*may also be a corequisite
<b>Mathematics coursework: Choose one course</b>			
_____	MAT 115 Elementary Statistics	4.0	_____ MAT 100 or higher
_____	MAT 205 Statistics	4.0	_____ MAT 120 or higher
_____	MAT 412 Mathematical Statistics	4.0	_____ MAT 411
<b>Business coursework: Choose eight (8) elective credits</b>			
_____	_____	4.0	_____
_____	_____	4.0	_____

Please Note: Aquinas College reserves the right to change, modify or amend the above-stated requirements and/or courses in its sole discretion and without prior notice.

## Concentrations

The concentrations are designed to provide the student with professional preparation in the fields of either Human Resources, International Business, Marketing, and Management. Concentrations are elective specializations within a business or dual business major. They require understanding developed in the business core curriculum and, therefore, cannot be declared without also declaring a BSBA major. Courses taken in a concentration are considered as business electives in the context of the requirements of the BSBA.

## CONCENTRATIONS WITHIN THE BUSINESS DEPARTMENT

2023-2024

### Concentration Requirements: Sixteen (16) semester hours.

These are specializations and can only be declared with a Business Administration, BSBA/Communication, BSBA/Sport Management, Accounting, or Professional Accountancy majors.

Students pursuing a business concentration may NOT use these courses to fulfill BSBA electives.

Students pursuing multiple concentrations may not overlap any courses between concentrations.

At least eight (8) semester hours must be taken at Aquinas.

A GPA of 2.0 must be maintained.

Only courses with a grade of C- or better will count.

### CONCENTRATIONS AVAILABLE:

### GRADE

### PREREQUISITES

#### HUMAN RESOURCES

##### Required:

_____ BUS 411 Human Resources	4.0	_____ BUS 200
<b>Choose twelve (12) credits from the following:</b>		
_____ BUS 311 Organizational Behavior	4.0	_____ BUS 200
_____ BUS 312 Organizational Leadership	4.0	_____ BUS 200
_____ BUS 313 Negotiations	4.0	
_____ BUS 314 Operations Management	4.0	_____ BUS 200
_____ BUS 397 Human Resources Internship	4.0	_____ Department Chair Approval
_____ BUS 423 Business Research Methods	4.0	_____ BUS 200, BUS 205, MAT 115
_____ CIS 420 Project Management	4.0	_____ Junior or Senior Status
_____ COM 325 Conflict, Mediation, & Negotiation	4.0	

#### INTERNATIONAL BUSINESS

##### Choose sixteen (16) credits from the following:

_____ BUS 215 International Marketing	4.0	_____ BUS 205
_____ BUS 332 Culture in International Business	4.0	_____ BUS 331
_____ BUS 333 International Finance	4.0	_____ ACC 201, CIS 111, ECON 200, MAT 115
_____ BUS 397 International Business Internship	4.0	_____ Department Chair Approval
_____ BUS 423 Business Research Methods	4.0	_____ BUS 200, BUS 205, MAT 115
_____ BUS 431 Cases in International Business	4.0	_____ BUS 200, BUS 205, BUS 331
_____ BUS 432 Study Away Business Experience	4.0	
_____ CIS 420 Project Management	4.0	_____ Junior or Senior Status



**MANAGEMENT****Choose sixteen (16) credits from the following:**

_____	BUS 312 Organizational Leadership		_____	BUS 200
_____	BUS 313 Negotiations	4.0	_____	BUS 200
_____	BUS 314 Operations Management	4.0	_____	BUS 200
_____	BUS 315 Entrepreneurship & Small Business Mgmt.	4.0	_____	Department Chair Approval
_____	BUS 397 Management Internship	4.0	_____	BUS 200, BUS 205
_____	BUS 412 Supply Chain Management	4.0	_____	BUS 200, BUS 205
_____	BUS 421 Sales Management	4.0	_____	BUS 200, BUS 205, MAT 115
_____	BUS 423 Business Research Methods	4.0	_____	Junior or Senior Status
_____	CIS 420 Project Management	4.0	_____	

**MARKETING****Choose sixteen (16) credits from the following:**

_____	BUS 215 International Marketing	4.0	_____	BUS 205
_____	BUS 321 Advertising	4.0	_____	BUS 200, BUS 205
_____	BUS 322 Digital Marketing	4.0	_____	BUS 205
_____	BUS 323 Consumer Behavior	4.0	_____	BUS 205
_____	BUS 324 Public Relations	4.0	_____	BUS 205
_____	BUS 333 International Finance	4.0	_____	ACC 201, CIS 111, ECON 200, MAT 115
_____	BUS 397 Marketing Internship	4.0	_____	Department Chair Approval
_____	BUS 412 Supply Chain Management	4.0	_____	BUS 200, BUS 205
_____	BUS 421 Sales Management	4.0	_____	BUS 200, BUS 205
_____	BUS 422 Marketing Strategy	4.0	_____	BUS 205
_____	BUS 423 Business Research Methods	4.0	_____	BUS 200, BUS 205, MAT 115
_____	CIS 420 Project Management	4.0	_____	Junior or Senior Status

**BUSINESS ADMINISTRATION & COMMUNICATION DUAL MAJOR**  
**Bachelor of Science in Business Administration (B.S.B.A.)**  
 2023-2024

**Major Requirements:** Sixty-two (62) semester hours.

At least twenty-eight (28) semester hours must be taken at Aquinas.

Business concentrations in International Business, Human Resources, Management, and Marketing are options that may be added to the dual major.

A 2.0 GPA must be maintained.

Only COM courses with a C or better and C- or better for all other courses will count toward the dual major.

Students may take a course twice to obtain the requisite C or C- grade.

**REQUIREMENTS**

**GRADE**

**PREREQUISITES**

_____	ACC 201 Introduction to Acct. & Financial Analysis	4.0	_____	CS 111 (may be corequisite)
_____	ECON 200 Economics for the Citizen	4.0	_____	_____
_____	BUS 200 Principles of Management (SS)	4.0	_____	_____
_____	BUS 205 Principles of Marketing	4.0	_____	_____
_____	BUS 300 The Legal Environment of Business	4.0	_____	_____
_____	BUS 401 Financial Management	4.0	_____	ACC 201, ECON 200, CIS 111, MAT 115
_____	BUS 405 Business Ethics and Social Responsibility	4.0	_____	Junior or Senior Status
_____	BUS 410 Cases in Business Policy (SC)	4.0	_____	BUS 200, BUS 205, BUS 401* *may be corequisite
_____	CIS 111 Spreadsheets	1.0	_____	_____
_____	CIS 211 Advanced Spreadsheets	1.0	_____	CIS 111
_____	COM 200 Public Speaking (SS)	4.0	_____	_____
_____	COM 210 Interpersonal Communication (SS)	4.0	_____	_____
_____	COM 300 Advanced Public Speaking	4.0	_____	COM 200
_____	COM 305 Group Communication & Leadership	4.0	_____	COM 200
_____	COM 310 Intercultural Communication (GP)	4.0	_____	_____
<b>Statistics: Choose one course</b>				
_____	MAT 115 Elementary Statistics	4.0	_____	MAT 100 or higher
_____	PSY 105 Statistics for the Social Sciences	4.0	_____	_____
<b>Choose one (1) course from the following:</b>				
_____	COM 315 (Un)ethical Communication (WI)	4.0	_____	_____
_____	COM 320 Principles of Persuasion	4.0	_____	_____
_____	COM 325 Conflict, Mediation & Negotiation	4.0	_____	_____

# BUSINESS ADMINISTRATION AND SPORT MANAGEMENT DUAL MAJOR

Bachelor of Science in Business Administration

2023-2024

**Major Requirements:** Sixty-four (64) semester hours.

At least twenty-four (24) semester hours must be taken at Aquinas.

Only courses with a grade of C- or better will count toward the major.

Minimum GPA Requirement of 2.0 for the major.

AQUINAS REQUIREMENTS		GRADE	PREREQUISITES
<b>Accounting Coursework</b>			
_____	ACC 201 Intro to Accounting & Financial Analysis	4.0	CIS 111 (may be corequisite)
<b>Business Coursework</b>			
_____	BUS 200 Principles of Management	4.0	
_____	BUS 205 Principles of Marketing	4.0	
_____	BUS 401 Financial Management	4.0	ACC 201, CIS 111, ECON 200, MAT 115
_____	BUS 405 Business Ethics & Social Responsibility	4.0	Junior or Senior Status
_____	BUS 410 Cases in Business Policy (SC)	4.0	BUS 200, BUS 205, BUS 401*
			*may be corequisite
<b>Choose one (1) Communication course</b>			
_____	COM 200 Public Speaking	4.0	
_____	COM 320 Principles of Persuasion	4.0	
<b>Computer Science Coursework</b>			
_____	CIS 111 Spreadsheets	4.0	
_____	CIS 211 Advanced Spreadsheets	4.0	CIS 111
<b>Economics Coursework</b>			
_____	ECON 200 Economics for the Citizen	4.0	
<b>Kinesiology Coursework</b>			
_____	KIN 305 Sport Facility & Event Management	4.0	
_____	KIN 400 Sales & Funding in Sport	4.0	
_____	KIN 405 Marketing & Promoting Sport	4.0	
_____	KIN 410 Sport Law	4.0	
_____	KIN 397 Internship	3.0	Department Chair Approval
_____	KIN 397 Internship	3.0	Department Chair Approval
<b>Choose one (1) Statistics course</b>			
_____	MAT 115 Elementary Statistics	4.0	MAT 100 or higher
_____	MAT 205 Statistics	4.0	MAT 120 or higher
<b>Choose one (1) Writing Intensive course</b>			
_____	HIST 220 History of American Sports (WI)	4.0	
_____	COM 315 (Un)ethical Communication (WI)	4.0	

# BUSINESS ADMINISTRATION MINOR

2023-2024

## Minor Requirements: Twenty-five (25) semester hours.

At least thirteen (13) semester hours must be taken at Aquinas.

A GPA of 2.0 must be maintained

Only courses with a grade of C- or better will count toward the minor.

### AQUINAS REQUIREMENTS

		GRADE	PREREQUISITES
_____	ACC 201 Introduction to Acct. & Financial Analysis	4.0	_____ CIS 111 (may be a corequisite)
_____	BUS 200 Principles of Management	4.0	_____
_____	BUS 205 Principles of Marketing	4.0	_____
_____	BUS 300 The Legal Environment of Business	4.0	_____
_____	BUS 405 Business Ethics and Social Responsibility	4.0	_____ Junior or Senior Status
_____	CIS 111 Spreadsheets	1.0	_____
_____	ECON 200 Economics for Citizens	4.0	_____

## **Course Descriptions:**

**BUS 200 Principles of Management (4)** The focus is on the study of the origin and development of management theory, processes of management, decision-making, leadership, communication, social responsibility, and international management. Emphasis on application of management principles to include planning, leading, organizing, and controlling to managing organizations.

**BUS 205 Principles of Marketing (4)** An introduction to marketing concepts, including marketing strategy, pricing, promotional activities, research, product development, brand positioning, consumer behavior, and supply chain development. Significant time will be spent studying and learning to manage the marketing mix.

**BUS 210 Personal Finance and Investments (4)** Serves as a practical guide toward individual money planning and management. Subjects covered include budgeting, housing, asset investments, purchasing a car and home, time value of money, stocks, mutual funds, and taxes, insurance, consumer decisions, and retirement planning.

**BUS 215 International Marketing (4)** Deals with the transaction activities occurring in the international marketplace. Other aspects of international marketing include international channels of distribution, trade promotion activities of governments and other agencies, practices related to foreign operations, licensing arrangements, and the environmental framework of international marketing organization. Prerequisite(s): BUS 205.

**BUS 300 The Legal Environment of Business (4)** Focuses on the basics of business organizations including corporations, partnerships, limited liability corporations, professional corporations; contracts, including formation, legality, enforcement, breach, and remedies; the Uniform Commercial Code with a special emphasis on Sales and Negotiable Instruments and their application to the accounting and banking professions; also facilities liability, surveys estates, creditors rights, bankruptcy, and torts and criminal law as they relate to the business environment. Additionally, emphasis is placed on specialized areas of the law as they relate to business such as: property including real property, landlord and tenant relationships, personal property, secured transactions; government regulation of business including the nature and scope of government regulation, consumer law, environmental law, antitrust, labor relations; also surveys insurance, wills and the law of inheritance, professional liability, and emerging trends.

**BUS 311 Organizational Behavior (4)** Examines organizational behavior from both theoretical and historical perspectives, dealing with the diagnosis of individual issues and group issues, the development of an understanding of organizational issues, and concludes with the topic of changing organizations. Prerequisite(s): BUS 200.

**BUS 312 Organizational Leadership (4)** Focuses on the process of influencing individuals and groups toward organizational goals, including such topics as the evolution of leadership theory, leadership effectiveness, transformational and situational leadership. Prerequisite(s): BUS 200.

**BUS 313 Negotiations (4)** The course will highlight the principles of effective negotiation and teach students to analyze their behavior in negotiations. The course will be partially experiential. Students will learn both by doing exercises and also engaging with the relevant theory to provide a framework for understanding their experiential lessons. The course touches on topics related to psychology and behavioral economics.

**BUS 314 Operations Management (4)** Covers the managerial decisions involved in plant location, internal factory organization, plant operation and control, planning, scheduling, routing, purchasing, cost control, and inventory control. Prerequisite(s): BUS 200.

**BUS 315 Entrepreneurship & Small Business Management (4)** Deals with the successful start-up, operation, and growth of a small business with emphasis on entrepreneurship, the business environment, financial controls and planning, and administrative control. Prerequisite(s): BUS 200.

**BUS 321 Advertising (4)** Examines the role of advertising in marketing strategy, with a secondary emphasis on specific skills and techniques involved in the advertising process. Open to juniors and seniors only. This course is not accepted for the Social Science Distribution requirement. Prerequisite(s): BUS 200 and BUS 205.

**BUS 322 Digital Marketing (4)** This course provides a theoretical and practical foundation to understand how digital platforms have become part of a marketing strategy. Consequently, connecting these technologies platforms to achieve Integrated Marketing Communications (IMC). Prerequisite(s): BUS 205.

**BUS 323 Consumer Behavior (4)** Analysis of the complex process of buying behavior through systematic development of a behavior model utilizing concepts from psychology, sociology, and social psychology. Sophomore status required. Prerequisite(s): BUS 205.

**BUS 324 Public Relations (4)** A comprehensive study of the role of public relations in contemporary organizations. Topics include planning issues, international public relations, specialty applications, and product publicity. Critical examination of public relations techniques and ethical issues occurs throughout the course. Open to juniors and seniors only. Prerequisite(s): BUS 205.

**BUS 331 International Business (4)** An introduction to international business theory and practice. The balance of

trade, balance of payments, international business strategy options, exchange rates and the various modes of conducting international trade are included. Prerequisite(s): BUS 200.

**BUS 332 Culture in International Business (4)** Explores such complex elements as language and communication, cultural and pragmatic disparities of background, and other issues critical to successful international business relations. Prerequisite(s): BUS 331.

**BUS 333 International Finance (4)** Basic foreign exchange and stabilization procedures are discussed. Other subjects include methods for short- and long-term overseas corporate investing, financing exports and imports through appropriate international financial channels, and the role of the government in international financial markets. Prerequisite(s): ACC 201, ECON 200, CIS 111, and MAT 115.

**BUS 396 Special Topics in Business (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**BUS 397 Internship in Business (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**BUS 398 Readings in Business (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**BUS 399 Independent Project in Business (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**BUS 401 Financial Management (4)** Covers the concepts and techniques underlying effective decision making related to investment and financing decisions. Some of the topics include planning profitability, analysis of risk, valuation of financial assets, time value of money, cost of capital, capital budgeting, planning capital structure, and dividend decisions. Prerequisite(s): ACC 201, ECON 200, CIS 111, and MAT 115.

**BUS 402 Advanced Finance (4)** The course covers advanced concepts and techniques underlying effective decision making related to investment and financing decisions of organizations. Some topics include financial projections, cash flow analysis, capital markets, and analysis of risk, valuation of financial assets and discounting techniques and business valuation. Prerequisite(s): BUS 401.

**BUS 405 Business Ethics & Social Responsibility (4)** Principles and perspectives of ethical business and organizational decision-making are studied and applied to a variety of decisions. Emphasis is placed on the identification of ethical choices in the context of the conflicting pressures on management, both in the public and private sector. This class also examines the social responsibility of both corporations, executive leadership, managers, and their employees. Open to juniors and seniors only.

**BUS 410 Cases in Business Policy (4)** A case-oriented course focusing on organizational strategy, development and strategy execution within the confines of understanding the Task, Internal, and General environments. Open to juniors and seniors only. Prerequisite(s): BUS 200, BUS 205, and BUS 401. Corequisite(s): BUS 401 if not taken previously.

**BUS 411 Human Resources (4)** An examination of human resource management, including strategic thinking, staffing, employee development, retainment, labor relations, remuneration, security, and performance evaluation. Prerequisite(s): BUS 200.

**BUS 412 Supply Chain Management (4)** Reviews the nature and organization of supply chain management, including all components involved in the movement from raw materials to finished goods to end-user. Prerequisite(s): BUS 200 and BUS 205.

**BUS 421 Sales Management (4)** Examines the functions and challenges facing managers in the sales area, including sales techniques, recruiting, selecting and training sales personnel, motivation, supervision, evaluation of sales personnel, compensation plans, and territory management. Prerequisite(s): BUS 200 and BUS 205.

**BUS 422 Marketing Strategy (4)** This course develops an understanding of the organization's market niche through a detailed examination of resource allocation as it affects competitive advantage. Multiple models guiding strategic choice are reviewed. Internal processes for the formulation, coordination, and application of strategy are studied. Realistic applications are then considered. Open to juniors and seniors only. Prerequisite(s): BUS 205.

**BUS 423 Business Research and Methodology (4)** A market-oriented introduction to business research. Subjects covered include the translation of a management problem to a research problem, implementation issues in business research, including basic statistical procedures, and the communication of research results to management. Prerequisite(s): BUS 200, BUS 205, and MAT 115.

**BUS 431 Cases in International Business (4)** An analysis of the development and implementation of effective marketing strategies through case studies, demonstrating the application of sound marketing principles in decision-making, management, and market forecasting. Open to juniors and seniors only. Prerequisite(s): BUS 200, BUS 205, and BUS 331.

**BUS 432 Study Away Business Experience (4)** This experiential learning, short-term study away course provides students with an overview of business in the selected country/countries, specifically focusing on business practices, culture, entrepreneurship, and innovation.

# **Catholic Studies**

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**Daniel Wagner, Ph.D., Program Director**

This interdisciplinary minor explores the Catholic tradition, as expressed in art, literature, poetry, theology, popular piety, and philosophy. Courses focus on those elements of Christian thought, belief, and practice that are critical to understanding Catholic culture.

**Mission Statement.** The mission of Catholic Studies is to share “the rich experience of the Church’s own culture,” assist students in their spiritual as well as their intellectual development, and establish Aquinas College as the regional center for Catholic intellectual and creative life (Ex Corde Ecclesiae, § 43).

## **Student Learning Outcomes.**

1. Students will have a broad knowledge of the history of Christianity.
2. Students will have a broad knowledge of the Christian view of history best explicated by St. Augustine of Hippo, G.K. Chesterton, and Christopher Dawson.
3. Students will have a broad knowledge of the distinctive spirit of the Catholic vision and tradition.
4. Students will have the distinctive hallmarks of the Catholic imagination, particularly in literature.
5. Students will demonstrate a clear understanding of how faith and reason interact in the Catholic intellectual tradition, and of this tradition’s impact on the development of Western Civilization.
6. Students will receive extensive opportunities for spiritual development that provide deep integration of authentic Catholic intellectual understanding and practice of the faith.



# CATHOLIC STUDIES MINOR

2023-2024

**Minor Requirements:** Sixteen (16) semester hours.

At least eight (8) semester hours must be taken at Aquinas.

A minimum 2.0 GPA is required for the minor.

Only courses with a grade of C- or better will count toward the minor.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
<b>One (1) course from each discipline:</b>		
<b>Art &amp; Literature:</b>		
_____ ART 250 Renaissance & Baroque Art	4.0	_____ ART 105
_____ CATH 200 Tolkien & the Catholic Imagination	4.0	_____
_____ ENGL 260 Catholic Writers	4.0	_____
<b>History:</b>		
_____ HIST 218 Saints & Sinners: American Catholics	4.0	_____
_____ HIST 226 History of Christianity	4.0	_____
<b>Philosophy:</b>		
_____ PHIL 201 Philosophy of St. Thomas Aquinas	4.0	_____
_____ PHIL 225 Medieval Philosophy	4.0	_____
<b>Theology:</b>		
_____ THEO 225 Catholic Social Teaching	4.0	_____
_____ THEO 310 Ecclesiology	4.0	_____ Two Theology courses or Instructor consent

### **Course Descriptions:**

**CATH 200 Tolkien and the Catholic Imagination (4)** The analysis of J.R.R. Tolkien's imaginative world, Middle-earth, from the perspective of a Catholic worldview and his concept of mythopoeia. This course is a Catholic Studies and Theology elective.

**CATH 396 Special Topics in Catholic Studies (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**CATH 398 Readings in Catholic Studies (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**CATH 399 Independent Project in Catholic Studies (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

## **Chemical Physics**

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**Advisor: Elizabeth Jensen, Ph.D.**

Chemical physics is an interdisciplinary major which combines chemistry's study of the composition of matter with physics' study of the properties of matter and energy. Courses are drawn from the departments of chemistry, physics and mathematics.

**Mission Statement.** The chemical physics major trains students to think about scientific questions from a perspective relevant to physics and chemistry.

### **Student Learning Outcomes.**

1. Students will demonstrate knowledge of physics, chemistry, and their interrelationships.
2. Students will demonstrate competence in basic laboratory techniques (apply the scientific method in the design and conduct of experiments, operate commonly-used laboratory equipment, analyze and interpret data).
3. Students will demonstrate competence in scientific communication (access and critically evaluate scientific information, organize and convey chemical and physical information in a written form, organize and convey chemical and physical information in an oral form)

# CHEMICAL PHYSICS MAJOR

Bachelor of Science

2023-2024

**Major Requirements:** Sixty-four (64) semester hours.

At least thirty (30) semester hours must be taken at Aquinas.

All majors must attend at least eight (8) seminars sponsored by the Chemistry Department or Physics Department.

A GPA of 2.0 must be maintained with no more than one C-.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
CHEM 121 General Chemistry I	4.0	MAT 120 (may be corequisite)
CHEM 122 General Chemistry II	4.0	CHEM 121 (C- or above)
CHEM 230 Quantitative Analysis	4.0	CHEM 122 (C- or above)
CHEM 301 Fundamental Physical Chemistry	4.0	CHEM 122, MAT 121, PHYS 211* (C- or above) *may be a coreq.
CHEM 302 Intermediate Physical Chemistry	4.0	CHEM 301, MAT 122, PHYS 212* (C- or above) *may be a corequisite
CHEM 322 Advanced Inorganic Chemistry	4.0	CHEM 122 (C- or above)
CHEM 330 Instrumental Methods of Analysis (WI)	4.0	CHEM 230 (C- or above)
CHEM 401 Chemistry Project Development	2.0	Senior Status, Dept. Chair Approval
CHEM 402 Chemistry Practicum	2.0	CHEM 401 (C- or above), Dept. Chair Approval
MAT 121 Calculus I	4.0	MAT 120 or placement score
MAT 122 Calculus II	4.0	MAT 121
MAT 221 Multivariate Calculus	4.0	MAT 122
MAT 235 Differential Equations	4.0	MAT 221
PHYS 211 Gen Physics w/Calculus: Mechanics	4.0	MAT 121
PHYS 212 Gen Physics w/Calculus: Electricity	4.0	PHYS 211
PHYS 215 Modern Physics	4.0	PHYS 212
PHYS 400 Experimental Investigation & Design	4.0	PHYS 212

## **Chemistry**

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**Elizabeth Jensen, Ph.D., Chair**

**Kevin Boyd, Ph.D.; Jonathan Fritz, Ph.D.; Timothy Henshaw, Ph.D.**

**Mission Statement.** To provide students with knowledge of chemistry befitting their goals: for the general education students that they become literate in basic chemistry; and for the science major students that they possess the knowledge and skills necessary for them to succeed in their post-baccalaureate careers.

The curriculum and course requirements are designed for the degree of Bachelor of Science (BS) in chemistry following the recommendations of the Committee on Professional Training of the American Chemical Society. A student completing the BS in Chemistry should be prepared for these options: an entry level research position in industry or in governmental agencies; graduate level studies in chemistry or chemical engineering; post-baccalaureate professional studies (medicine, veterinary medicine, dentistry, related fields). Students will find the curriculum more compatible if their high school education included Biology, Chemistry, Physics and four years of mathematics.

### **Student Learning Outcomes.**

1. Students will demonstrate knowledge of chemistry and its major subdisciplines.
2. Students will propose and carry out a chemical research project.
3. Students will communicate chemical concepts appropriately to a variety of audiences.

# CHEMISTRY MAJOR

Bachelor of Science

2023-2024

**Major Requirements:** Fifty-six (56) semester hours.

At least twenty (20) semester hours of Chemistry must be taken at Aquinas.

All majors must attend at least ten (10) seminars sponsored by the Chemistry Department.

Majors are required to successfully complete the Major Field Test in Chemistry.

A GPA of 2.0 must be maintained with no more than one C-.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ CHEM 121 General Chemistry I	4.0	_____ MAT 120 (may be corequisite)
_____ CHEM 122 General Chemistry II	4.0	_____ CHEM 121 (C- or above)
_____ CHEM 221 Organic Chemistry I	4.0	_____ CHEM 122 (C- or above)
_____ CHEM 222 Organic Chemistry II	4.0	_____ CHEM 221 (C- or above)
_____ CHEM 230 Quantitative Analysis	4.0	_____ CHEM 122 (C- or above)
_____ CHEM 301 Fundamental Physical Chemistry	4.0	_____ CHEM 122, MAT 121, PHYS 211* (C- or above) *may be a corequisite
_____ CHEM 302 Intermediate Physical Chemistry	4.0	_____ CHEM 301, MAT 122, PHYS 212* (C- or above) *may be a corequisite
_____ CHEM 330 Instrumental Methods of Analysis (WI)	4.0	_____ CHEM 230 (C- or above)
_____ CHEM 401 Chemistry Project Development (SC w/CHEM402)	2.0	_____ Senior Status, Dept. Chair Approval
_____ CHEM 402 Chemistry Practicum (SC w/CHEM401)	2.0	_____ CHEM 401 (C- or above), Dept. Chair Approval
_____ MAT 121 Calculus I	4.0	_____ MAT 120 or placement score
_____ MAT 122 Calculus II	4.0	_____ MAT 121
_____ PHYS 211 Gen Physics w/Calculus: Mechanics	4.0	_____ MAT 121
_____ PHYS 212 Gen Physics w/Calculus: Electricity	4.0	_____ PHYS 211
<b>Choose one course</b>		
_____ CHEM 321 Advanced Organic Chemistry	4.0	_____ CHEM 222 (C- or above)
_____ CHEM 322 Advanced Inorganic Chemistry	4.0	_____ CHEM 122 (C- or above)
<b>Recommended Courses</b>		
_____ CHEM 325 Biochemistry	4.0	_____ CHEM 222 (C- or above)
_____ MAT 221 Multivariate Calculus	4.0	_____ MAT 122
_____ MAT 230 Linear Algebra	4.0	_____ MAT 122
_____ MAT 235 Differential Equations	4.0	_____ MAT 221
_____ MAT 315 Abstract Algebra (WI)	4.0	_____ MAT 230

# CHEMISTRY MINOR

2023-2024

**Minor Requirements:** Twenty-four (24) semester hours.

At least twelve (12) semester hours of Chemistry must be taken at Aquinas.

Minors are required to attend six (6) seminars sponsored by the Chemistry Department.

A GPA of 2.0 must be maintained and no more than one C- is permitted.

**Secondary Education Teacher Certification (in addition to the above requirements):**

This minor must be combined with the Secondary Professional Preparation courses required for teacher certification.

Only courses with a grade of C or better will count toward the minor.

<b>AQUINAS REQUIREMENTS</b>		<b>GRADE</b>	<b>PREREQUISITES</b>
_____ CHEM 121 General Chemistry I	4.0	_____	<u>MAT 120 (may be corequisite)</u>
_____ CHEM 122 General Chemistry II	4.0	_____	<u>CHEM 121 (C- or above)</u>
_____ CHEM 221 Organic Chemistry I	4.0	_____	<u>CHEM 122 (C- or above)</u>
_____ CHEM 222 Organic Chemistry II	4.0	_____	<u>CHEM 221 (C- or above)</u>
_____ CHEM 230 Quantitative Analysis	4.0	_____	<u>CHEM 122 (C- or above)</u>
<b>Choose at least one (1) course from the following:</b>			
_____ CHEM 301 Fundamental Physical Chemistry	4.0	_____	<u>CHEM 122, MAT 121, PHYS 211* (C- or above) *may be a corequisite</u>
_____ CHEM 321 Advanced Organic Chemistry	4.0	_____	<u>CHEM 222 (C- or above)</u>
_____ CHEM 322 Advanced Inorganic Chemistry	4.0	_____	<u>CHEM 122 (C- or above)</u>
_____ CHEM 325 Biochemistry	4.0	_____	<u>CHEM 222 (C- or above)</u>
_____ CHEM 330 Instrumental Methods of Analysis (WI)	4.0	_____	<u>CHEM 230 (C- or above)</u>

## **Course Descriptions:**

**CHEM 100 Preliminary Chemistry (4)** An introductory survey of elementary inorganic chemistry for students who need preparation for General Chemistry. Topics include measurement, nomenclature, the structures of atoms and molecules, states of matter, stoichiometry, and acid-base theory. This course is not accepted for the Natural World Physical Science requirement.

**CHEM 105 Environmental Chemistry (4)** Application of chemical concepts to ecosystems; implications of chemical technology to the social and physical environment. High school chemistry and algebra recommended. Corequisite(s): CHEM 105L.

**CHEM 110 Chemistry for Non-majors (4)** Applications of the basic principles of chemistry to contemporary situations. Fundamental chemical principles such as acid-base theory, oxidation-reduction reactions, radioactivity, and toxicity may be illustrated with common substances. The presentation of topics may vary depending on the instructor's perspective. Chemistry may be related to other disciplines, the economy, and/or the future well-being of humans and the natural environment. Includes laboratory component. Corequisite(s): CHEM 110L.

**CHEM 121 General Chemistry I (4)** An introduction to college chemistry designed for science majors. Topics include atomic structure, models of chemical bonding, molecular structure, properties of gases, liquids, and solids, stoichiometry, and thermochemistry. Includes laboratory component. Prerequisite(s): MAT 120 with C or above or appropriate placement test score. Corequisite(s): MAT 120 with C or above and CHEM 121L.

**CHEM 122 General Chemistry II (4)** Continued introduction to college chemistry concepts. Topics include coordination chemistry, descriptive inorganic chemistry, electrochemistry, chemical equilibrium, kinetics, nuclear chemistry, and thermodynamics. Includes laboratory component. Prerequisite(s): CHEM 121 with C or above. Corequisite(s): CHEM 122L.

**CHEM 140 General, Organic, and Biochemistry (3)** This is a one-semester survey of chemistry open to students in the UDM nursing program. It will introduce students to atomic and molecular structure, energy, gases, solutions, chemical quantities and reactions, acid-base theory, nuclear chemistry, biologically relevant organic compounds, the structure and function of biological molecules, and the metabolic pathways involved in energy production. Three hours of lecture and one hour of recitation per week. This course is not accepted for the Natural World Physical Science requirement. Corequisite(s): MAT 120.

**CHEM 200 Secondary Science Practicum (4)** This course provides the student with an opportunity to work in an introductory laboratory classroom as an assistant to the supervising instructor. Assistants will help the instructor with set up and take down of lab activities, preparation of lab materials, and teaching/tutoring during the class period. Practicum students will also meet for lectures and/or discussions on a variety of topics relevant to the job duties of a secondary science teacher. Participants will keep journals and perform research on appropriate laboratory exercises for secondary students. Prerequisite(s): CHEM 122 with C or above; declared Integrated Science major and Secondary Education major.

**CHEM 221 Organic Chemistry I (4)** This is the first semester of a year-long course in organic chemistry for science majors. Topics include bonding, reaction mechanisms, structure, stereochemistry, and synthesis and reactions of alkyl halides. The correlation of molecular structure to physical properties and the use of instrumentation to determine molecular structure are introduced. Prerequisite(s): CHEM 122 with C- or above. Corequisite(s): CHEM 221L.

**CHEM 222 Organic Chemistry II (4)** This course is a continuation of Organic Chemistry I. Topics include synthesis and reactions of alcohols and carbonyl compounds, aromaticity and reactions of aromatic compounds, and the application of instrumental methods (e.g. NMR, IR and MS) in the identification of molecular structure. Prerequisite(s): CHEM 221 with C- or above Corequisite(s): CHEM 222L.

**CHEM 230 Quantitative Analysis (4)** Theory and practice of quantitative chemical analysis. Topics include gravimetric and volumetric methods, statistical applications, chemical equilibrium, chromatography, and spectroscopy. Prerequisite(s): CHEM 122 with C- or above. Corequisite(s): CHEM 230L.

**CHEM 301 Fundamental Physical Chemistry (4)** A survey of physical chemistry. Topics include classical chemical thermodynamics, exactly solvable quantum mechanics relevant to chemistry and spectroscopy, and single- and multistep chemical kinetics. Biochemical applications are featured. Laboratory methods of classical thermodynamics, spectroscopy, and kinetics. Prerequisite(s): CHEM 122 with C- or above, PHYS 211 with C- or above, and MAT 121 with C- or above. Corequisite(s): PHYS 211, if not completed previously. CHEM 301L.

**CHEM 302 Intermediate Physical Chemistry (4)** A more in-depth treatment of topics introduced in Fundamental Physical Chemistry. Statistical thermodynamics of chemical systems, approximate quantum methods relevant to chemistry and spectroscopy, and numerical methods of kinetic analysis. Laboratory methods in spectroscopy and kinetics, with an emphasis on the quantum mechanical basis for measurements. Prerequisite(s): CHEM 301 with C- or



above, PHYS 212 with C- or above, and MAT 122 with C- or above. Corequisite(s): PHYS 212, if not completed previously. CHEM 302L.

**CHEM 321 Advanced Organic Chemistry (4)** The lecture portion of this course emphasizes writing reasonable organic mechanisms for several classes of reactions. The laboratory component focuses on carrying reactions through the entire process of reaction, purification and characterization. Multistep synthesis and green metrics are also introduced in the laboratory section. Prerequisite(s): CHEM 222 with C- or above. Corequisite(s): CHEM 321L.

**CHEM 322 Advanced Inorganic Chemistry (4)** Principles of inorganic chemistry including molecular orbital theory, structures of solids, acid-base theory, oxidation-reduction reactions, coordination compounds, organometallics, and systematic chemistry of the elements. The laboratory will focus on the synthesis and characterization of inorganic compounds. Offered spring semester of even-numbered years. Prerequisite(s): CHEM 122 with C- or above. Corequisite(s): CHEM 322L.

**CHEM 325 Biochemistry (4)** A first course in biochemistry for science majors. Topics include structure and function of biomolecules, enzyme kinetics and mechanism, and pathways of central metabolism. Prerequisite(s): CHEM 222 with C- or above. Corequisite(s): CHEM 325L.

**CHEM 330 Instrumental Methods of Analysis (4)** Theoretical and practical aspects of instrumental methods of chemical analysis. Topics include spectroscopic, electrochemical, chromatographic, radiochemical, and thermal methods of chemical analysis. Prerequisite(s): CHEM 230 with C- or above. Corequisite(s): CHEM 330L.

**CHEM 396 Special Topics in Chemistry (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**CHEM 397 Internship in Chemistry (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**CHEM 398 Readings in Chemistry (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**CHEM 399 Independent Project in Chemistry (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**CHEM 401 Chemistry Project Development (2)** Students will develop of an individual research project culminating in a written proposal. Chemical Abstracts and other databases will be used to survey the scientific literature for information on the theory and methods needed for the project. Considerations of laboratory safety will be included. Prerequisite(s): Senior class standing and approval of chairperson.

**CHEM 402 Chemistry Practicum (2)** After completion of Chemistry Project Development, students will perform laboratory or other practical work and data analysis with the guidance of a faculty mentor. Scientific communication skills will be developed through a seminar presentation and written report on the results of the project, as well as other assignments. Prerequisite(s): CHEM 401 with C- or above, senior class standing, and approval of chairperson.

# **Communication**

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**Penny Avery, Ph.D., Chair**

**Ian Borton, Ph.D.; Scott Harman, M.A.; Kyle Hull, Ph.D.; David Weinandy, Ph.D.**

**Mission Statement.** The Communication Department mission is to provide a sound theoretical and practical curriculum in human communication which will foster understanding, appreciation and practice of communication in various contexts, prepare students for professional/citizenship endeavors, and equip students for life-long learning.

## **Student Learning Outcomes.**

1. Students will produce theoretically-informed competent communication in multiple contexts (e.g., interpersonal, public, group, organizational).
2. Students will evaluate communication competency in multiple contexts (e.g., interpersonal, public, group, organizational).
3. Students will analyze scholarly communication literature and contemporary texts.
4. Students will design and execute theoretically informed original communication research.

## **Departmental Policies.**

- All Communication courses applied to the described majors or minor must be completed with a grade of C or better. Students may only take a course twice to obtain the requisite grades for any of the Communication majors or minor. Each prerequisite must be completed with a grade of C or better before taking an additional course requiring that prerequisite course.
- In order to declare a Communication Major, Communication Major with Theatre Emphasis, or Communication minor, students must have an overall college grade point average of 2.0. Students falling below the 2.0 overall grade point average may be removed as a major or minor at the department's discretion.
- Students may take a TOTAL of six (8) semester hours from among COM397, COM398, COM399, and Prior Learning credit. Students are strongly encouraged to complete an internship (COM397) graded as Credit/Fail.
- Every required Communication course is offered at least once a year in either the daytime or evening programs, and every elective course is offered at least once every two years. Therefore, no regularly offered course, required or elective, may be taken as independent study. Students are encouraged to plan their academic schedule with a Communication Department advisor.
- All students seeking teacher certification should prepare to take a content specific state examination. The Communication with Theatre Emphasis Major is recommended. A link to the Speech secondary education endorsement preparation materials can be found on the Communication web page: [aquinas.edu/communication/degrees](http://aquinas.edu/communication/degrees)

# COMMUNICATION MAJOR

## Bachelor of Arts

2023-2024

### Major Requirements: Forty (40) semester hours.

At least twenty (20) semester hours must be taken at Aquinas.

Students may take a total of eight (8) semester hours from COM 397, COM 398, COM 399, and Prior Learning Credit.

Students are strongly encouraged to complete an Internship.

A 2.0 overall GPA is required to maintain a Communication major.

Only courses with a grade of C or better will count toward the major.

Students may take a course twice to obtain the requisite C grade.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ COM 200 Public Speaking (SS)	4.0	_____
_____ COM 210 Interpersonal Communication (SS)	4.0	_____
_____ COM 300 Advanced Public Speaking	4.0	_____ COM 200
_____ COM 305 Group Communication & Leadership	4.0	_____ COM 200
_____ COM 401 Communication Theory (SC)	4.0	_____ COM 200, COM 210, COM 305
_____ COM 402 Research Methods (WI)	4.0	_____ COM 401
<b>Choose four (4) courses from the following:</b>		
_____ COM 100 Becoming an Effective Communicator (SS)	4.0	_____
_____ COM 110 Radio & Podcast Production (SS)	4.0	_____
_____ COM 120 Social Media (SS)	4.0	_____
_____ COM 220 Mass Media History & Effects (SS)	4.0	_____
_____ COM 310 Intercultural Communication (GP)	4.0	_____
_____ COM 315 (Un)ethical Communication (WI)	4.0	_____
_____ COM 320 Principles of Persuasion	4.0	_____
_____ COM 325 Conflict, Mediation & Negotiation	4.0	_____
_____ COM 330 Comm. Lab Theory/Practice	4.0	_____ COM 200, COM 300* *may be corequisite
_____ COM 335 Communication Lab Facilitation	1-4.0	_____ COM 300, COM 330, Instructor Approval
_____ COM 396 Special Topics in Communication	4.0	_____
_____ COM 397 Field Experience in Communication	4.0	_____ Department Chair Approval
_____ COM 398 Readings in Communication	4.0	_____ Department Chair Approval
_____ COM 399 Independent Project	4.0	_____ Department Chair Approval
_____ PSY 105 Statistics for the Social Sciences	4.0	_____
_____ WGS 210 Language & Gender (SS)	4.0	_____

# COMMUNICATION MAJOR WITH A THEATRE EMPHASIS

## Bachelor of Arts

2023-2024

**Major Requirements:** Forty-one to Forty-three (41-43) semester hours.

At least twenty (20) semester hours must be taken at Aquinas.

Only courses with a grade of C or better will count toward the major.

A GPA of 2.0 must be maintained.

Students may take a course twice to obtain the requisite C grade.

Students seeking a Speech Major-Secondary Education are encouraged to pursue this major as the #1 option.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ COM 100 Becoming an Effective Communicator (SS)	4.0	_____
_____ COM 200 Public Speaking (SS)	4.0	_____
_____ COM 210 Interpersonal Communication (SS)	4.0	_____
_____ COM 220 Mass Media History & Effects (SS)	4.0	_____
_____ COM 305 Group Communication & Leadership	4.0	_____ COM 200
_____ THTR 111 Acting I (FA)	4.0	_____
_____ THTR 220 Directing & Dramaturgy I: Realism	4.0	_____ THTR 111
_____ THTR 300 Drama for Youth & Education	4.0	_____ THTR 111 or Instructor Consent
_____ THTR 401 Senior Capstone in Theatre (SC)	1-3	_____ Senior Status
<b>Theatre Design coursework: Choose one (1)</b>		
_____ THTR 101 Introduction to Theatre Design (FA)	4.0	_____
_____ THTR 102 Stagecraft (FA)	4.0	_____
<b>Theatre History coursework: Choose one (1)</b>		
_____ THTR 205 Theatre History & Theory I: Golden Ages(HUM/WI)	4.0	_____
_____ THTR 206 Theatre History & Theory II: Theatres of Resistance (HUM/WI)	4.0	_____

# COMMUNICATION MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least twelve (12) semester hours must be taken at Aquinas.

Students may take a total of eight (8) semester hours from COM 397, COM 398, COM 399, and Prior Learning Credit.

Students are strongly encouraged to complete an Internship.

A GPA of 2.0 must be maintained.

Only courses with a grade of C or better will count toward the minor.

Students may take a course twice to obtain the requisite C grade.

## AQUINAS REQUIREMENTS

## GRADE

## PREREQUISITES

**Choose twenty (20) semester hours from the following:**

_____	COM 100 Becoming an Effective Communicator (SS)	4.0	_____	_____
_____	COM 110 Radio & Podcast Production (SS)	4.0	_____	_____
_____	COM 120 Social Media (SS)	4.0	_____	_____
_____	COM 200 Public Speaking (SS)	4.0	_____	_____
_____	COM 210 Interpersonal Communication (SS)	4.0	_____	_____
_____	COM 220 Mass Media History & Effects (SS)	4.0	_____	_____
_____	COM 300 Advanced Public Speaking	4.0	_____	COM 200
_____	COM 305 Group Communication & Leadership	4.0	_____	COM 200
_____	COM 310 Intercultural Communication (GP)	4.0	_____	_____
_____	COM 315 (Un)ethical Communication (WI)	4.0	_____	_____
_____	COM 320 Principles of Persuasion	4.0	_____	_____
_____	COM 325 Conflict, Mediation & Negotiation	4.0	_____	_____
_____	COM 330 Comm. Lab Theory/Practice	4.0	_____	COM 200, COM 300 (may be corequisite)
_____	COM 335 Communication Lab Facilitation	1-4.0	_____	COM 300, COM 330, Instructor Approval
_____	COM 396 Special Topics in Communication	4.0	_____	_____
_____	COM 397 Field Experience in Communication	4.0	_____	Department Chair Approval
_____	COM 398 Readings in Communication	4.0	_____	Department Chair Approval
_____	COM 399 Independent Project	4.0	_____	Department Chair Approval
_____	COM 401 Communication Theory (SC)	4.0	_____	COM 200, COM 210, COM 305
_____	COM 402 Research Methods (WI)	4.0	_____	COM 401
_____	WGS 210 Language & Gender	4.0	_____	_____

## **Course Descriptions:**

**COM 100 Becoming an Effective Communicator (4)** Theory and methods of intrapersonal, interpersonal, small group, organizational, public, intercultural, and mass communication.

**COM 110 Radio & Podcast Production (4)** Introduction to radio and podcast industries with attention given to application and production.

**COM 120 Social Media (4)** Social media services are a newer class of communication platform which quickly interweave the interpersonal with the public. This course highlights the advent, development, and use of these communication technologies and their implications in personal relationships, culture, organizations, and ethics.

**COM 200 Public Speaking (4)** Basic skills for effective informational, persuasive and special occasion public speaking including voice, movement, composition, organization, ethical implications and audience analysis.

**COM 210 Interpersonal Communication (4)** Principles underlying communication behavior, focusing on feedback, nonverbal communication, decision making, listening, communication barriers and breakdowns, persuasion, and conflict.

**COM 220 Mass Media History & Effects (4)** Analysis of historical mass media milestones and the cultural effects and influences of those milestones on society with an emphasis on ethics and media literacy.

**COM 300 Advanced Public Speaking (4)** Advanced theory and skills for effective informative and persuasive public speaking including audience adaptation, research, composition, organization, support, voice and movement. Prerequisite(s): COM 200.

**COM 305 Group Communication & Leadership (4)** Principles and perspectives of communication in small groups including development, roles, norms, conflict, leadership, language and nonverbal communication; techniques of decision making and problem solving, information sharing and public presentations. Prerequisite(s): COM 200.

**COM 310 Intercultural Communication (4)** The analysis of human communication within/between (co-)cultural groups at a global scale, emphasizing how the traditions, beliefs, values, and social structures of world cultures manifest in, and are influenced by, communication.

**COM 315 (Un)ethical Communication (4)** Principles and perspectives of ethical speech communication are studied and applied to a variety of private and public communication situations. The impact of honest versus deceptive communication of the individual and society is evaluated.

**COM 320 Principles of Persuasion (4)** Theory and methods of changing, modifying, and reinforcing attitudes and behaviors through communication.

**COM 325 Conflict, Mediation & Negotiation (4)** Introduces theoretical concepts related to interpersonal conflict, conflict styles, conflict mediation and negotiation, tactics, power, and relationships through conflict theory, research, observation and practice.

**COM 330 Communication Lab Theory & Practice (4)** Theory and practical application of the communication lab facilitation process. Designed to highlight the applied role of communication in the facilitation of client interaction, with an emphasis on, but not limited to: facilitation methods, facilitator-client relationship, lab functioning/climate, and constructive feedback design. Prerequisite to acting as a facilitator within the communication lab. Prerequisite(s): COM 200 and COM 300. Corequisite(s): COM 300 if not completed prior.

**COM 335 Communication Lab Facilitation (4)** Facilitators will assist clients with honing communicative and public speaking related activities, including but not limited to: topic generation, organization, audience analysis, self-presentation, and verbal/nonverbal delivery across varying contexts. Only available for Credit/Fail. Prerequisite(s): COM 200, COM 300, COM 330, and instructor approval.

**COM 396 Special Topics in Communication (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**COM 397 Internship in Communication (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**COM 398 Readings in Communication (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**COM 399 Independent Project in Communication (4)** Individually negotiated project in a selected area established

between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**COM 401 Communication Theory (4)** Survey of principal communication theories; an introduction to theory building through a variety of theoretical lenses and perspectives. Prerequisite(s): COM 200, COM 210, and COM 305.

**COM 402 Research Methods (4)** Quantitative and qualitative methods applied to communication; practicum in research methods; presentation of the research project. Prerequisite(s): COM 401.

# **Computer Information Systems**

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**Richard Latimer, M.S.**

The Computer Information Systems program offers courses leading to majors in Computer Information Systems (CIS) and Management Information Systems (MIS). The program also offers minors that can be used to complement other disciplines.

**Mission Statement.** To prepare students for careers in information technology.

**Student Learning Outcomes.**

1. Students will gain a solid experience in the use of current software applications and technology to solve business and information problems.
2. Students will demonstrate basic software development, testing, and debugging skills in current leading programming language environments.
3. Students will exhibit a fundamental understanding of IT infrastructure (networks, operating systems, standard components, security/infrastructure configuration).
4. Students will be able to accurately design a relational data model and administer its implementation (normalization, physical design, structured query language).
5. Students will be able to successfully apply knowledge of data structures, logic algorithms, and analysis techniques to solve business and information problems.
6. Students will develop strong communication skills: written, verbal, and interpersonal.

All students taking any CIS course are required to have an Electronic Login Manager (ELM) account before the first meeting.



# COMPUTER INFORMATION SYSTEMS MAJOR

*Bachelor of Science*

2023-2024

**Major Requirements:** Forty-eight (48) semester hours.

At least twenty-four (24) semester hours must be taken at Aquinas.

A maximum of six (6) semester hours of Independent Study, Life Experience, & Field Experience.

All courses must be taken as letter grades except CIS 397 (this may be taken as Credit/F grade).

Only courses with a grade of C or better will count toward the major.

AQUINAS REQUIREMENTS		GRADE	PREREQUISITES
_____	CIS 110 Word Processing	1.0	_____
_____	CIS 111 Spreadsheets	1.0	_____
_____	CIS 112 Presentation Graphics	1.0	_____
_____	CIS 120 Principles of Operating Systems	4.0	Co-req of CIS 125 recommended
_____	CIS 125 Structure and Logic	4.0	Co-req of CIS 120 recommended
_____	CIS 130 Data Structures with C#	4.0	CIS 125
_____	CIS 211 Advanced Spreadsheets	1.0	CIS 111
_____	CIS 220 Database Theory	4.0	CIS 120, CIS 125
_____	CIS 225 Web Programming with Databases	4.0	CIS 220
_____	CIS 320 Managing & Maintaining a Windows Environment	4.0	CIS 120
_____	CIS 325 Design, Implement, & Manage Secure Networks	4.0	CIS 320
_____	CIS 330 Systems Analysis	4.0	CIS 110, CIS 111, CIS 120, CIS 125
_____	CIS 397 Internship	4.0	Junior or Senior Status
_____	CIS 420 Project Management	4.0	Junior or Senior Status
_____	CIS 425 Systems Design (SC)	4.0	CIS 112, CIS 330, CIS 420

## MANAGEMENT INFORMATION SYSTEMS MAJOR

Bachelor of Science

2023-2024

**Major Requirements:** Forty (40) semester hours.

At least twenty-four (24) semester hours must be taken at Aquinas.

A maximum of six (6) semester hours of Independent Study, Life Experience, & Field Experience.

All courses must be taken as letter grades.

Only courses with a grade of C or better will count toward the major.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
ACC 201 Introduction to Acct. & Financial Analysis	4.0	CIS 111 (may be corequisite)
BUS 200 Principles of Management	4.0	
BUS 205 Principles of Marketing	4.0	
CIS 110 Word Processing	1.0	
CIS 111 Spreadsheets	1.0	
CIS 112 Presentation Graphics	1.0	
CIS 120 Principles of Operating Systems	4.0	Co-req of CIS 125 recommended
CIS 125 Structure and Logic	4.0	Co-req of CIS 120 recommended
CIS 211 Advanced Spreadsheets	1.0	CIS 111
CIS 220 Database Theory	4.0	CIS 120, CIS 125
CIS 330 Systems Analysis	4.0	CIS 110, CIS 111, CIS 120, CIS 125
CIS 420 Project Management	4.0	Junior or Senior Status
CIS 425 Systems Design (SC)	4.0	CIS 112, CIS 330, CIS 420

## MANAGEMENT INFORMATION SYSTEMS MINOR

2023-2024

**Minor Requirements:** Twenty-four (24) semester hours.

At least twelve (12) semester hours must be taken at Aquinas.

No more than six (6) combined semester hours of Independent Study and/or Life Experience credit.

For a CIS minor to be declared in conjunction w/another major or minor, no more than two(2) courses or a maximum of eight (8) semester hours may overlap.

Only courses with a grade of C or better will count toward the minor.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
ACC 201 Introduction to Acct. & Financial Analysis	4.0	CIS 111 (may be corequisite)
BUS 200 Principles of Management	4.0	
CIS 110 Word Processing	1.0	
CIS 111 Spreadsheets	1.0	
CIS 112 Presentation Graphics	1.0	
CIS 120 Principles of Operating Systems	4.0	Co-req of CIS 125 recommended
CIS 125 Structure and Logic	4.0	Co-req of CIS 120 recommended
CIS 211 Advanced Spreadsheets	1.0	CIS 111
CIS 330 Systems Analysis	4.0	CIS 110, CIS 111, CIS 120, CIS 125

## CIS Minors.

Three CIS minors are offered to suit specific IT/IS needs: networking, analysis, and web design. Requirements for each of these are listed below. In general, for a CIS minor to be declared in conjunction with another major or minor at Aquinas, no more than one third of the courses (typically two (2) courses or a maximum of eight (8) semester hours) may overlap.

## **COMPUTER INFORMATION SYSTEMS ANALYST MINOR**

2023-2024

**Minor Requirements:** Twenty-four (24) semester hours.

At least twelve (12) semester hours must be taken at Aquinas.

No more than six (6) combined semester hours of Independent Study or Life Experience.

For a CIS minor to be declared in conjunction w/another major or minor, no more than two (2) courses or a maximum of eight (8) semester hours may overlap.

Only courses with a grade of C or better will count toward the minor.

<b>AQUINAS REQUIREMENTS</b>		<b>GRADE</b>	<b>PREREQUISITES</b>
_____ CIS 110 Word Processing		1.0	_____
_____ CIS 111 Spreadsheets		1.0	_____
_____ CIS 112 Presentation Graphics		1.0	_____
_____ CIS 120 Principles of Operating Systems		4.0	_____ Co-req of CIS 125 recommended
_____ CIS 125 Structure and Logic		4.0	_____ Co-req of CIS 120 recommended
_____ CIS 211 Advanced Spreadsheets		1.0	_____ CIS 111
_____ CIS 330 Systems Analysis		4.0	_____ CIS 110, CIS 111, CIS 120, CIS 125
_____ CIS 420 Project Management		4.0	_____ Junior or Senior Status
_____ CIS 425 Systems Design (SC)		4.0	_____ CIS 112, CIS 330, CIS 420

## **COMPUTER INFORMATION SYSTEMS WEB DESIGN MINOR**

2023-2024

**Minor Requirements:** Twenty-two (22) semester hours.

At least twelve (12) semester hours must be taken at Aquinas.

No more than six (6) combined semester hours of Independent Study or Life Experience.

For a CIS minor to be declared in conjunction w/another major or minor, no more than two (2) courses or a maximum of eight (8) semester hours may overlap.

Only courses with a grade of C or better will count toward the minor.

<b>AQUINAS REQUIREMENTS</b>		<b>GRADE</b>	<b>PREREQUISITES</b>
_____ CIS 114 Web Page Design		1.0	_____
_____ CIS 120 Principles of Operating Systems		4.0	_____ Co-req of CIS 125 recommended
_____ CIS 125 Structure and Logic		4.0	_____ Co-req of CIS 120 recommended
_____ CIS 130 Data Structures with C#		4.0	_____ CIS 125
_____ CIS 214 Advanced Web Page Design		1.0	_____ CIS 114
_____ CIS 220 Database Theory		4.0	_____ CIS 120, CIS 125
_____ CIS 225 Web Programming with Databases		4.0	_____ CIS 220

# COMPUTER INFORMATION SYSTEMS NETWORKING MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least twelve (12) semester hours must be taken at Aquinas.

No more than six (6) combined semester hours of Independent Study or Life Experience.

For a CIS minor to be declared in conjunction w/another major or minor, no more than two (2) courses or a maximum or eight (8) semester hours may overlap.

Only courses with a grade of C or better will count toward the minor.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ CIS 120 Principles of Operating Systems	4.0	_____ Co-req of CIS 125 recommended
_____ CIS 125 Structure and Logic	4.0	_____ Co-req of CIS 120 recommended
_____ CIS 220 Database Theory	4.0	_____ CIS 120, CIS 125
_____ CIS 320 Managing & Maintaining a Windows Environment	4.0	_____ CIS 120
_____ CIS 325 Design, Implement, & Manage Secure Networks	4.0	_____ CIS 320

## **Course Descriptions:**

**CIS 110 Word Processing (1)** This hands-on lab course covers basic word processing functions such as editing, formatting, and printing using Microsoft Word. Course projects introduce skills such as header/footers, cover pages, tables, and research paper style. This course would be beneficial to all students who need to improve their understanding of document creation and editing.

**CIS 111 Spreadsheets (1)** This hands-on lab course covers basic spreadsheet functions such as simple formulas, formatting, and print layout using Microsoft Excel. Course projects introduce skills using a variety of formulas and basic functions, charts, and absolute addressing. This course would be beneficial to any students with a desire to analyze numerical data, manage finances, perform simple statistics, or generate charts and graphs.

**CIS 112 Presentation Graphics (1)** This hands-on lab course introduces presentation graphics software. Microsoft PowerPoint is used to create and edit on-screen “slide” presentations, handouts, and overhead transparencies. Course projects introduce skills such as adding clipart, creating custom backgrounds, and maximizing transitional effects. This course would be beneficial to any students who will be making presentations in other courses, in future business settings, or for educational purposes

**CIS 113 Database (1)** This hands-on lab course covers basic database and file management functions using Microsoft Access. It is a software application class, not a programming course, and introduces skills such as creating reports, setting up input forms, and looking up database information. Database software packages are used to create and manage data files such as employee records, inventory files, names and addresses, and business contact lists. This course would be beneficial to students of all backgrounds.

**CIS 114 Web Page Design (1)** This hands-on lab course covers web page design using Adobe Dreamweaver. Basic HTML coding is introduced, but programming experience is not a prerequisite. Some prior experience with computers and the Internet, however, is presumed. Students must have access to the Internet and an email account outside of class. (Aquinas student accounts are available.) Course projects introduce skills such as using templates, integrating graphics and images, forms, and frames.

**CIS 120 Principles of Operating Systems (4)** Fundamental concepts in operating systems and how they are used in computing will be explored. Hands-on exposure to Windows and a UNIX-type operating system are included. A study of disk layouts and management as well as memory management will be presented. Windows and UNIX command prompt manipulation will complete the requirements.

**CIS 125 Structure and Logic (4)** Fundamental concepts in structured object-oriented programming. Structures include sequence, selection, repetition, writing, and the use of methods and objects. Programs will be designed conforming to diagramming tools. Designs will be coded, debugged, and tested using a programming language.

**CIS 130 Data Structures with C# (4)** Programs using classes, objects, error handling, arrays, and array-based lists will be designed coded, debugged, and tested using the Windows GUI interface and the C# programming language. Prerequisite(s): CIS 125.

**CIS 211 Advanced Spreadsheets (1)** This course is the second of two courses in spreadsheets. It is designed to teach advanced topics such as advanced formulas, list management, templates, object linking and embedding, macros, Visual Basic for Applications, data validation, and pivot charts and tables. Prerequisite(s): CIS 111.

**CIS 214 Advanced Web Page Design (1)** This course is the second of two courses in web design. It is designed to teach advanced topics such as XHTML formatting, Dreamweaver, Image Editing, JavaScript, dynamic HTML and animation. Prerequisite(s): CIS 114.

**CIS 215 Accounting Technology (1)** Accounting technology provides an opportunity for students to generate financial information for planning and decision-making using a leading full-service accounting information system. Students learn to create financial statements and supplemental schedules, budgets, graphical analysis and other reports that facilitate the process of problem resolution. Prerequisite(s): ACC 202.

**CIS 220 Database Theory (4)** Introduction to concepts and technology of database management systems; physical data organization; hierarchical, network, and relational models; reading and writing basic structured query language (SQL) statements using a commercial relational database management system. Prerequisite(s): CIS 120 and CIS 125.

**CIS 225 Web Programming with Databases (4)** Students will design and implement an application using a database engine and a programming language that supports web development. Students will study and use advanced SQL statements, and will be required to design, code, debug, and test a web-based application. Prerequisite(s): CIS 220.

**CIS 320 Managing and Maintaining a Windows Environment (4)** An introduction to a Windows desktop and server environment. Students will be required to install, configure, and maintain Windows desktop and server operating systems. Students will study the Client-Server model, LANs, WANs, VPN, the OSI model, security, memory management, backup strategies, and sharing of system resources. Network accounts for users, computers,

and printers will be created and tested. Prerequisite(s): CIS 120.

**CIS 325 Design, Implement, & Manage Secure Networks (4)** Students will learn the underlying network protocols, servers, and technologies that power a modern computing network. Concepts of integrating several domains, enterprise networks, and mixed operating system environments are studied. Students will install and configure Windows Servers for DHCP, DNS, WINS, Windows Software Update Service, and Remote Access (via VPNs). Troubleshooting of TCP/IP and other network issues will be addressed. Students learn to craft and implement a set of security policies based on an analysis of possible threats. Authentication, access control, public-key encryption, IIS security, server/workstation hardening, and intrusion-detection topics will be addressed. Prerequisite(s): CIS 320.

**CIS 330 Systems Analysis (4)** This course presents an overview of various frameworks for information systems and systems development. Topics include formal systems theory for management problem solving, decision support systems, project management methodologies, feasibility analysis, and IT/IS governance. Practical application is included, using various analysis tools and software environments to create systems proposals, data models, and project plans. It also includes process modeling, data flow diagramming, and object-oriented analysis. Practical application is included, using various analysis tools and software environments to create process models, various object-oriented models, and candidate design proposals. Prerequisite(s): CIS 110, CIS 111, CIS 120, and CIS 125.

**CIS 396 Special Topics in CIS (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**CIS 397 Internship in CIS (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**CIS 398 Readings in CIS (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**CIS 399 Independent Project in CIS (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**CIS 420 Project Management (4)** Explores management techniques for information systems projects. Includes task identification, staffing, scheduling, security, risk identification and management, performance evaluation, and implementation methodologies. Hands-on use of a project management software package, as well as team competition in a simulated project management (software-driven) experience is included for practical application of skills. Prerequisite(s): Junior or senior class standing.

**CIS 425 Systems Design (4)** This course implements the logical models created in Systems Analysis. Topics include data analysis, event analysis, interface design and prototyping, and post-implementation and support. Practical application involves implementation of specific process analysis and design including physical network architecture modeling, input and output graphical user interface design prototyping, program design, and documentation and presentation of design to an audience. Prerequisite(s): CIS 112, CIS 330, and CIS 420.

# **Data Science**

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**Joseph Fox, Ph.D.; Program Director**

Data science is the process of reviewing (possibly extremely large) sets of raw data, preparing it for analysis, using mathematical and statistical techniques combined with programming and software applications to spot trends and other behavior, and presenting the analysis in a way that allows for actionable forecasting and assessment. This is an interdisciplinary field that combines statistics, mathematics, computer programming, and information technology.

## **Student Learning Outcomes.**

1. Students will have a breadth and depth of mathematics and statistics skills necessary to apply high-level analytical thinking to data analysis problems.
2. Students will have an exposure to the basics of computer programming and analytics software use and, thus, the ability to quickly acquire technological know-how demanded on the job.
3. Students will have the chance to practice data science techniques on real-world data sets and to compile a project portfolio to show potential employers.

## DATA SCIENCE MAJOR

*Bachelor of Science*

2023-2024

**Major Requirements:** Forty-four (44) semester hours.

At least twenty-four (24) semester hours must be taken at Aquinas.

An internship in Data Analytics and an Economics minor are strongly recommended.

A cumulative GPA of 2.3 is required for the major.

Only courses with a grade of C- or better will count toward the major.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ CIS 120 Principles of Operating Systems	4.0	_____ CIS 125 recommended as coreq.
_____ CIS 125 Structure and Logic	4.0	_____ CIS 120 recommended as coreq.
_____ CIS 130 Data Structures with C#	4.0	_____ CIS 125
_____ CIS 220 Database Theory	4.0	_____ CIS 120, CIS 125
_____ MAT 121 Calculus I	4.0	_____ MAT 120
_____ MAT 122 Calculus II	4.0	_____ MAT 121
_____ MAT 205 Statistics	4.0	_____ MAT 120 or higher
_____ MAT 210 Data Analysis with R	4.0	_____
_____ MAT 230 Linear Algebra	4.0	_____ MAT 122
_____ MAT 320 Linear Regression	4.0	_____ MAT 230, MAT 205 or MAT 412
_____ MAT 410 Applied Data Science (SC)	4.0	_____ MAT 205 or MAT 412

## DATA SCIENCE MINOR

2023-2024

**Minor Requirements:** Twenty-two (22) semester hours.

At least twelve (12) semester hours must be taken at Aquinas.

A cumulative GPA of 2.3 is required for the minor.

Only courses with a grade of C- or better will count toward the minor.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ BUS 200 Principles of Management	4.0	_____
_____ CIS 111 Spreadsheets	1.0	_____
_____ CIS 125 Structure and Logic	4.0	_____
_____ CIS 211 Advanced Spreadsheets	1.0	_____ CIS 111
_____ MAT 205 Statistics	4.0	_____ MAT 120 or higher
_____ MAT 210 Data Analysis with R	4.0	_____
<b>Choose one (1) course from the following:</b>		
_____ MAT 120 Precalculus	4.0	_____ MAT 110
_____ MAT 121 Calculus I	4.0	_____ MAT 120



# **Economics**

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**David J. Hebert, Ph.D., Chair**

**Michael Curry, MA**

**Mission Statement.** The mission of the Economics Department is to provide an understanding of human behavior through the lens of economics. We do this by studying the choices that individuals make, the institutions within which those choices are made, and the incentives and constraints that individuals and societies face.

**Student Learning Outcomes.**

1. Student will be able to explain the function of markets and prices as a means of allocating scarce resources.
2. Students will understand and demonstrate knowledge of key economic concepts and leading economic indicators as they pertain to decisions made at the individual, commercial, and political levels of society.
3. Students will be able to assess economic situations and concerns related to ethics and sustainability using appropriate analytical tools to arrive at morally defensible choices.
4. Students will understand how economic ideas and market processes give rise to developed economies and enable human flourishing.
5. Students will be able to effectively present and communicate findings to a wide variety of audiences.

# ECONOMICS MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least twelve (12) semester hours must be taken at Aquinas.

Only courses with a grade of B- or better will count toward the minor.

A GPA of 2.5 must be maintained.

AQUINAS REQUIREMENTS		GRADE	PREREQUISITES
_____	ECON 200 Economics for the Citizen	4.0	_____
_____	ECON 301 Intermediate Microeconomics <b>OR</b>		
	ECON 302 Intermediate Macroeconomics	4.0	ECON 200
<b>Choose three (3) courses in Economics:</b>			
_____	ECON 301 Intermediate Microeconomics	4.0	ECON 200
_____	ECON 302 Intermediate Macroeconomics	4.0	ECON 200
_____	ECON 305 Money and Banking	4.0	ECON 200
_____	ECON 310 International Economics	4.0	ECON 200
_____	ECON 315 Environmental Economics	4.0	ECON 200
_____	ECON 320 Labor Economics	4.0	ECON 200
_____	ECON 325 Public Choice	4.0	ECON 200
_____	ECON 396 Special Topics in Economics	4.0	
_____	ECON 398 Readings in Economics	4.0	Department Chair Approval
_____	ECON 399 Independent Project in Economics	4.0	Department Chair Approval
_____	ECON 400 Development Economics	4.0	ECON 200
_____	ECON 405 Econometrics	4.0	ECON 200, MAT 115

## **Course Descriptions:**

**ECON 200 Economics for the Citizen (4)** This course is a survey of broad economic principles and how they can help us better understand the world around us. Topics include market structures (competitive vs. monopolist), the effects of taxation on consumers and producers, national income accounting, and aggregate demand management.

**ECON 301 Intermediate Microeconomics (4)** Study of the theoretical models used to understand the economic behavior of households and firms, the outcomes to be expected under different market structures, and market failures; introduction to ways of assessing the efficiency and justice of market systems. Prerequisite(s): ECON 200.

**ECON 302 Intermediate Macroeconomics (4)** Study of the development and history of the theoretical models used to understand business cycles and inflation and to evaluate fiscal and monetary policy Prerequisite(s): ECON 200.

**ECON 305 Money & Banking (4)** A study of financial institutions and markets and of monetary theory. Prerequisite(s): ECON 200.

**ECON 310 International Economics (4)** A study of the fundamental principles of international economic relations. Subjects covered include the economic basis for international specialization and trade, the economic gains from trade, trade policies, economic blocs, and the international financial system. Prerequisite(s): ECON 200.

**ECON 315 Environmental Economics (4)** Microeconomic theory and models of environmental economics are examined, such as common property resources, externalities, environmental accounting, contingent valuation, and maximum sustainable yield, along with the complex economic and social impacts of environmental policy. Prerequisite(s): ECON 200.

**ECON 320 Labor Economics (4)** Reviews the historical development of Labor and Management Relations in the United States. Explores the key aspects of today's management/labor/government interactions. Topics include understanding the labor-leisure tradeoff and the role of entrepreneurship in developing labor markets. Prerequisite(s): ECON 200.

**ECON 325 Public Choice (4)** Public Choice is the study of government policies and procedures through the lens of economics. Beginning with a treatment of the median-voter model and utility maximization, the course charts a robust discussion of the interaction between government and citizen as taxes are collected, revenues are spent, and the efficiencies/inefficiencies of these mechanisms are uncovered. The course will focus on both the theoretical foundations of public choice and what the empirical research has to say about theory. Prerequisite(s): ECON 200.

**ECON 396 Special Topics in Economics (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**ECON 398 Readings in Economics (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**ECON 399 Independent Project in Economics (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**ECON 400 Development Economics (4)** A study of economic development from primitive agricultural economies to modern manufacturing and post-industrial economies. Subjects include the many economic changes that accompany economic growth and why economic growth does or does not occur. Prerequisite(s): ECON 200.

**ECON 405 Econometrics (4)** Introduction to Econometrics offers a general introduction to econometric methodology. The course begins with the classical linear regression model. After analyzing the properties of the simple and multivariate regression models, we will delve into a richer class of models to deal with endogeneity, such as IV-regression, and 2SLS-regression. At this point, we will switch gears, and learn basic techniques of time-series data. All topics in the class will be analyzed in two contexts: theory and application. That is, after analyzing the theoretic properties of estimators, we will then apply them to real-life examples and data sets, with emphasis on both visualization and interpretation. The semester will conclude with group projects Prerequisite(s): ECON 200 and MAT 115.

## Education

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**Justine Kane, O.P., Ph.D.; Interim Dean of the School of Education**

**Michelle Anderson, Ed. D; Stefani Boutelier, Ph.D.; Stacy Slomski, M.A.; Susan Hojnacki, Ph.D., Briana Asmus, Ph.D.**

**Mission Statement.** The mission of the Aquinas College School of Education is to facilitate the development of competent, compassionate and committed educators of integrity.

**Academic Expectations.** Students must maintain a 2.5 minimum GPA to remain in the education program and must earn a “C” or better in all courses counting toward certification and program endorsements. A limited number of education courses (never more than 50% of a major/minor) can be transferred from other institutions.

Initial admission into the teacher certification program requires:

- Minimum 2.5 college GPA
- Evidence of basic mathematics and literacy competencies. Acceptable SAT scores for education program admission are Reading/Writing = 480 or above, and Mathematics = 530 or above.

Aquinas College education students may choose to pursue elementary teacher certification or secondary teacher certification. They may also choose from a wide range of major/minor options associated with teachable endorsements approved by the Michigan Department of Education (MDE). As MDE certification requirements are subject to change, consult an education department advisor for the most current information on program completion and MDE certification requirements.

**Disclosure of Civil and Criminal Infractions.** The State of Michigan regulates and determines the legal acceptability of teacher certification candidates. A Michigan criminal background (ICHAT), National Sex Offender check, and fingerprint check will need to be completed upon entry into the education program and again at the time of program completion. From the time of admission through recommendation for certification, students must accurately disclose to the college all criminal infractions. Falsification of records or failure to disclose criminal infractions will result in dismissal from the education program. Students are responsible for fees associated with additional Michigan and FBI background checks which may be required by some placement school districts.

**Clinical Placements.** Students pursuing degrees in education will be expected to obtain a minimum of 600 clinical hours throughout their education coursework per [Michigan Department of Education regulations](#). Major clinical assignments will be determined and secured by Aquinas School of Education faculty. While there are a few PK-12 school partners within walking distance to Aquinas College, education candidates will ultimately need to utilize personal transportation in order to access and fulfill all clinical placement requirements.

**Student Teaching Semester.** After successful completion of all coursework and program requirements, students will complete a one-semester, full-time student teaching internship placement. Students must apply to student teach 1-2 full semesters prior to the student teaching internship. Before being recommended for certification, students must also take and pass any associated Michigan Teacher Test for Certification (MTTC) exams and must submit a comprehensive program portfolio. Contact the School of Education for additional information about program and MDE certification requirements.

**Program Options.** Students will select either an elementary or a secondary teacher certification program in addition to majors/minors that lead to MDE subject-area endorsement(s).

## Elementary Teacher Certification Endorsement Options.

Students pursuing elementary teacher certification will complete a series of professional preparation courses included in the PK-3 and grades 3-6 grade bands. Upon completion of the program, elementary candidates may choose to be certified in either PK-3 or grades 3-6 or both. Elementary education candidates should plan to take MAT105 Mathematics for Liberal Arts as their general education math requirement. Consult an education advisor for additional details.

### **ELEMENTARY EDUCATION MAJOR**

*Bachelor of Arts - Teacher Certification*

2023-2024

**Major Requirements:** Seventy-two (72) semester hours.

At least thirty (30) semester hours must be taken at Aquinas.

These Elementary Professional Preparation courses, along with the General Education requirements, are required for teacher certification.

Students should plan on completing MAT 105-Math for Liberal Arts for their General Education Math requirement.

Only courses with a grade of C or better will count toward the major.

<b>AQUINAS REQUIREMENTS</b>	<b>GRADE</b>	<b>PREREQUISITES</b>
EDUC 200 Introduction to Education	4.0	SOE approval
EDUC 202 Engaging Diverse Learners	4.0	EDUC 200
EDUC 204 Inclusion & Co-Teaching	4.0	EDUC 200
EDUC 210 Assessment of Student Learning	4.0	EDUC 200
EDUC 212 Elementary Curriculum & Methods	4.0	EDUC 200
EDUC 214 PK-6 Learners & Learning for the 21st Century	4.0	EDUC 200 or PSY 110
EDUC 301 Early Literacy	4.0	EDUC 200
EDUC 302 Lower Elementary Literacy	4.0	EDUC 301
EDUC 303 Upper Elementary Literacy	4.0	EDUC 301
EDUC 310 Social Studies Methods for PK-6	4.0	EDUC 212
EDUC 312 Science Methods for PK-6	4.0	EDUC 212
MAT 201 Math for Lower Elementary Teachers	4.0	MAT 105 & EDUC 200
MAT 202 Math for Upper Elementary Teachers	4.0	MAT 105 & EDUC 200
EDUC 400 Foundational Topics in Education (WI)	4.0	EDUC 200 & Junior/Senior Status
EDUC 402 Elementary Apprenticeship & Seminar	4.0	EDUC 303, EDUC 310, EDUC 312
EDUC 490 Student Teaching Internship Seminar (SC)	4.0	SOE approval/Co-req. EDUC 491
EDUC 491 Student Teaching Internship	8.0	SOE approval/CO-req. EDUC 490

## Secondary Teacher Certification Endorsement Options.

Students pursuing secondary teacher certification will complete a series of professional preparation courses in addition to one of the options listed below. Be sure to consult with an education advisor regarding restrictions related to majors and/or minors.

### SECONDARY EDUCATION MAJOR

*Bachelor of Arts - Teacher Certification*  
2023-2024

**Major Requirements:** Forty-eight (48) semester hours.

At least twenty-one (21) semester hours must be taken at Aquinas.

These Secondary Professional Preparation courses, along with the General Education requirements, are required for teacher certification. These courses must be combined with one of the secondary content area majors.

A Methods course must be completed for each content area major.

Only courses with a grade of C or better will count toward the major and/or minor.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ EDUC 200 Introduction to Education	4.0	_____ SOE Approval
_____ EDUC 202 Engaging Diverse Learners	4.0	_____ EDUC 200
_____ EDUC 204 Inclusion & Co-Teaching	4.0	_____ EDUC 200
_____ EDUC 220 Grades 5-12 Learners & Learning for the 21st Century	4.0	_____ EDUC 200 or PSY 110
_____ EDUC 400 Foundational Topics in Education (WI)	4.0	_____ EDUC 200 & Junior/Senior status
_____ EDUC 410 Literacy & Methods in the Disciplines	4.0	_____ EDUC 200
_____ EDUC 412 Secondary Curriculum, Planning, & Assessment	4.0	_____ EDUC 200, EDUC 202, EDUC 204, EDUC 220
_____ EDUC 414 Content-Area Apprenticeship	4.0	_____ EDUC 412
_____ EDUC 490 Student Teaching Internship Seminar (SC)	4.0	_____ SOE Approval/Co-req. EDUC 491
_____ EDUC 491 Student Teaching Internship	8.0	_____ SOE Approval/Co-req. EDUC 490
<b>Choose one (1) content area methods course:</b>		
_____ EDUC 420 Methods of Secondary Social Studies	4.0	_____ EDUC 412
_____ EDUC 422 Methods of Secondary Science	4.0	_____ EDUC 412
_____ EDUC 424 Methods of World Language	4.0	_____ EDUC 212 or 412 and either FRE 302, GER 302, or SPA 302.
_____ Methods of Secondary English/Language Arts*	4.0	_____
_____ Methods of Secondary Mathematics*	4.0	_____

\*course will be available beginning 2024-2025

#### Secondary Certification Majors

- English
- French
- German
- Integrated Science
- Mathematics
- Social Studies
- Spanish
- Speech

#### Secondary Certification Minors

- Biology
- Chemistry
- English
- History
- Mathematics
- Physics

# INTEGRATED SCIENCE MAJOR - SECONDARY EDUCATION

*Bachelor of Science - Teacher Certification*

2023-2024

**Major Requirements:** Sixty (60) semester hours.

At least thirty-two (32) semester hours must be taken at Aquinas.

This major must be combined with the Secondary Education Major.

Only courses with a grade of C or better will count toward the major and a C is required for all prerequisite courses.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ BIO 170 Introduction to Organisms	4.0	_____
_____ BIO 171 Introduction to Cells	4.0	_____
_____ BIO 305 Ecology	4.0	_____ BIO 170, BIO 171
_____ CHEM 121 General Chemistry I	4.0	_____ MAT 120 or higher (may be coreq.)
_____ CHEM 122 General Chemistry II	4.0	_____ CHEM 121
_____ CHEM 200 Secondary Science Practicum	4.0	_____ CHEM 122, declared major in Integrated Science and Secondary Education
_____ CHEM 221 Organic Chemistry I	4.0	_____ CHEM 122
_____ CHEM 222 Organic Chemistry II	4.0	_____ CHEM 221
_____ MAT 121 Calculus I	4.0	_____ MAT 120 or higher
_____ PHYS 105 Observational Astronomy	4.0	_____
_____ PHYS 211 Gen Phy w/Calc: Mechanics, Sound, and Heat	4.0	_____ MAT 121
_____ PHYS 212 Gen Phy w/ Calc: Elec., Mag., Light, Nuc Physics	4.0	_____ PHYS 211
_____ GEO 110 Earth Systems	4.0	_____
<b>Choose one Writing Intensive Course</b>		
_____ BIO 205 Genetics (WI)	4.0	_____ BIO 170, BIO 171, CHEM 121* *may be corequisite
_____ CHEM 330 Instrumental Methods of Analysis (WI)	4.0	_____ CHEM 230
_____ GEO 210 Biogeography (WI)	4.0	_____
<b>Choose one Senior Capstone option</b>		
_____ BIO 405 Biology Seminar	4.0	_____ Senior Status, Instructor Consent
_____ CHEM 401 Chemistry Project Development AND	2.0	_____ Senior Status, Dept. Chair Consent
_____ CHEM 402 Chemistry Practicum	2.0	_____ CHEM 401, Dept. Chair Consent

# SOCIAL STUDIES MAJOR - TEACHER CERTIFICATION ONLY

Bachelor of Arts  
2023-2024

**Major Requirements:** Sixty (60) semester hours.

At least twenty-four (24) semester hours must be taken at Aquinas.

This major **must** be combined with the Secondary Professional Preparation courses required for teacher certification.

Students are strongly encouraged to take GEO 115-Michigan Geography as their General Education Natural World non-lab course.

Only courses with a C or better will count toward the major.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
ECON 200 Economics for the Citizen	4.0	
GEO 120 Human Geography	4.0	
GEO 130 World Regional Geography	4.0	
GEO 220 Urban Geography	4.0	
GEO 230 Geography of U.S. and Canada	4.0	
HIST 100 American History	4.0	
HIST 105 World History	4.0	
HIST 110 European History	4.0	
HIST 300 Historiography	4.0	Twelve (12) semester hours of History coursework
HIST 400 Senior Research Seminar (SC)	4.0	Instructor Consent
POL 110 Struggle for American Democracy	4.0	
POL 180 The World in Crisis	4.0	
POL 210 U.S. Political Institutions & Policy	4.0	
POL 380 American Foreign Policy	4.0	

**Four(4) semester hours of World or European History (200 level or above):**

HIST 222 Ancient History	4.0	
HIST 224 The Middle Ages (WI)	4.0	
HIST 226 History of Christianity	4.0	
HIST 228 History of Russia	4.0	HIST 105 recommended
HIST 230 Ireland: A History at Europe's Edge	4.0	
HIST 232 History of Science & Medicine	4.0	
HIST 234 History of World Religions	4.0	
HIST 236 Environmental History	4.0	
HIST 238 Latin American History	4.0	
HIST 302 History of Britain (WI)	4.0	
HIST 304 History of China, Japan, & Korea	4.0	
HIST 306 History of India	4.0	
HIST 314 Variable Topics: European History	4.0	
HIST 316 Variable Topics: Non-Western History	4.0	



**Major/Minor Notifications.** As MDE certification requirements are subject to change, consult an education department advisor for the most current information on program completion and MDE certification requirements.

### **Biology**

Teacher Certification

Major/minor requirements

- Consult the Biology department for course and minor expectations. Students are encouraged to complete an Integrated Science major in conjunction with a Biology minor.

### **Chemistry**

Teacher Certification

Major/minor requirements:

- Consult the Chemistry department for course and minor expectations. Students are encouraged to complete an Integrated Science major in conjunction with a Chemistry minor.

### **English**

Teacher Certification

Major/minor requirements

- Consult the English department for course and major/minor expectations.

### **French**

Teacher Certification

Major requirements

- Consult the World Languages department for course and major expectations. In addition, education students must complete EDUC 424 as their method elective.
- Endorsement candidates must receive a score of “advanced low” or better on the Oral Proficiency Interview (OPI) exam.
- Costs associated with required language proficiency exams will be the responsibility of the student.

### **German**

Teacher Certification

Major requirements

- Consult the World Languages department for course and major expectations. In addition, education students must complete EDUC 424 as their method elective.
- Endorsement candidates must receive a score of “advanced low” or better on the Oral Proficiency Interview (OPI) exam.
- Costs associated with required language proficiency exams will be the responsibility of the student.

### **History**

Teacher Certification

minor requirements

- Consult the History department for course and minor expectations.

### **Mathematics**

Teacher Certification

Major/minor requirements

- Consult the Mathematics department for course and major/minor expectations. Secondary Level (6-12 certification) requirements listed under “Teaching Mathematics” section.

## **Physics**

Teacher Certification

Minor requirements

- Consult the Physics department regarding course and minor expectations.

## **Spanish**

Teacher Certification

Major requirements

- Consult the World Languages department for course and major expectations. In addition, education students must complete EDUC 424 as their method elective.
- Endorsement candidates must receive a score of “advanced low” or better on the Oral Proficiency Interview (OPI) exam.
- Costs associated with required language proficiency exams will be the responsibility of the student.

## **Speech**

Teacher Certification

Major requirements

- Consult the Communication department regarding course and major expectations under Communicaiton with Theatre Emphasis Major.

## **Course Descriptions:**

**EDUC 200 Introduction to Education (4)** This is an exploratory survey course about teaching as a career in PK-12 schools. Students are required to observe and assist in a supervised PK-12 school setting observing and serving as a teacher aide with K-12 children 3-4 hours per week over the course at logging at least 30 hours of a semester and participating in 4-8 different school site visits. Students will also attend seminar class sessions, engaging in reading and writing assignments and class activities and discussions. Completion of Virtus training required. Students will create detailed unit and lesson plans applying the Understanding by Design (UbD) framework and principles. Requires School of Education approval with background check. Field Component: 30 exploratory hours as assigned. Prerequisite(s): SOE approval.

**EDUC 202 Engaging Diverse Learners (4)** This course establishes a framework for instructional planning and the creation of a classroom environment that supports students from diverse linguistic, social, cultural, and socioeconomic backgrounds. This includes the tools, strategies, and theories to successfully manage PK-12 classrooms by creating a collaborative classroom community. Emphasis is given to application of global, inclusive, anti-bias perspectives and intersectional diversity including student-oriented conflict-management systems. Topics such as classicism, racism, sexism, bias and discrimination are explored with a goal of developing culturally responsive educators. Critical pedagogy, social justice, and CRT are used as lenses for examining and constructing supportive classroom practices. Through effective and engaging curriculum planning, pre-service teachers will develop a holistic philosophy of inclusive and engaging teaching practices. Fieldwork requirement: 10 hours in a culturally/linguistically diverse setting. Working with instructional coaches to develop inclusive lesson plans. Prerequisite(s): EDUC 200.

**EDUC 204 Inclusion & Co-Teaching (4)** This course provides an overview and introduction to special education, how it came to be and how special education students are served by schools. Topics covered include special education law, inclusion, eligibility categories for services as identified under IDEA, and the IEP process. The purpose of this course is to assist both current and future teachers in understanding their roles and responsibilities in educating students with disabilities in the general education classroom. Field Component: 10 hours. Prerequisite(s): EDUC 200.

**EDUC 210 Assessment of Student Learning (4)** This course develops conceptual and technical skills connected to the practices and strategies used when assessing and advancing student learning. Topics addressed include authentic assessment practices, interpretation of standardized test results, the use of developmental screenings, formative and summative assessments, systematic observation and documentation, communication and positive partnerships with families and other professionals, how to use assessment data to guide instructional decisions, and assessing learners with special needs and those from linguistically and culturally different backgrounds. Field Component: 20 hours. Prerequisite(s): EDUC 200.

**EDUC 212 Elementary Curriculum & Methods (4)** This course provides teacher candidates with the tools, strategies, and theories to successfully manage K-6 classrooms. Coursework introduces the student to the integration and synthesis of curriculum and methods at the elementary level focusing on planning, teaching strategies, management, differentiation, and some assessment/evaluation. Participants will learn to create collaborative classroom communities that intertwine with effective teaching and academic success through course activities that are linked to observations in K-6 classrooms. Topics addressed include curriculum mapping, classroom procedures, foundational instructional methods/techniques, planning and executing interdisciplinary units/lessons, and developing educational partnerships (field trips, speakers). Participants learn how to create both student-oriented conflict management systems based on concepts of social justice and positive support plans for students with specific behavioral needs. Participants explore a variety of organizational and instructional strategies and then connect concepts of effective, engaging lesson and curriculum planning to create a holistic successful classroom management philosophy. Field Component: 20 hours at PK-3 and 3-6. Requires participation in co-planning with classroom teacher and teacher teams at various grade levels. Prerequisite(s): EDUC 200.

**EDUC 214 PK-6 Learners & Learning for the 21st Century (4)** This course is designed to equip teachers to better understand the needs and development of children at each of the following grades: PK-K, 1-2, and 3-6. Each grade band will be explored individually and in connection to learners learning in a classroom. Topics addressed include brain & physical development, social-emotional needs, cultural awareness, developmentally/age-appropriate instructional methods, and family-parent-home-school relationships. In addition, this course will integrate effective technology modeling, design, and digital citizen practices for each grade band. Fieldwork Component: 5 hours of observation at each of the following grade levels: PK-K, 1-2, and 3-6 to equal 15 hours. Prerequisite(s): EDUC 200 or PSY 110.

**EDUC 220 5-12 Learners & Learning for the 21st Century (4)** This course is designed to equip teachers to better understand the needs and development of children at each of the following grade bands: 5-6, 7-8, 9-10, 11-12. Each grade band will be explored individually and in connection to learners learning in a classroom. Topics addressed include brain & physical development, social-emotional needs, cultural awareness, developmentally/age-appropriate instructional

methods, and family-parent-home-school relationships. In addition, this course will integrate effective technology modeling, design, and digital citizen practices for each grade band. Fieldwork Component: 5 hours of observation at three of the following grade bands: 5-6, 7-8, 9-10, 11-12 to equal 15 hours. Prerequisite(s): EDUC 200 or PSY 110.

**EDUC 301 Early Literacy (4)** This course focuses on essential topics in early literacy development in prekindergarten and kindergarten children, including print concepts, phonological awareness, spelling, letter and word recognition, vocabulary, handwriting, comprehension, and composition, and addresses the whole learner with specific attention to cognitive, physical, behavioral, social, and emotional needs. This course addresses diverse learners within an engaged learning environment as well as curricular resources and design, assessment tools and interventions, and instructional approaches and technology. Field Component: 20 hours in a PK or K classroom. Prerequisite(s): EDUC 200.

**EDUC 302 Lower Elementary Literacy (4)** This course focuses on essential topics in literacy development in first through third-grade children, including phonics, spelling, word recognition, morphology, syntax, reading fluency, vocabulary, handwriting, comprehension, and composition, and addresses the whole learner with specific attention to cognitive, physical, behavioral, social, and emotional needs. This course addresses diverse learners within an engaged learning environment as well as curricular resources and design, assessment tools and interventions, instructional approaches, and technology. Field Component: 20 hours in grades 1-2. Prerequisite(s): EDUC 301.

**EDUC 303 Upper Elementary Literacy (4)** This course focuses on essential topics in literacy development in fourth through sixth-grade children, including spelling, syntax, fluency, vocabulary, comprehension, composition, and speaking and listening, and addresses the whole learner with specific attention to cognitive, physical, behavioral, social, and emotional needs. This course addresses diverse learners within an engaged learning environment as well as curricular resources and design, assessment tools and interventions, instructional approaches, and technology. Field Component: 20 hours in grades 3-4. Prerequisite(s): EDUC 301.

**EDUC 310 Social Studies Methods for PK-6 (4)** Students will demonstrate knowledge, understanding, and application of the major concepts and modes of inquiry for the field (i.e., developing questions and planning inquiries, applying disciplinary tools and concepts, evaluating sources and using evidence; and communicating conclusions and taking informed action). Additionally, they will demonstrate content knowledge of the social studies disciplines including the integrated study of history, geography, political science and economics, to promote all elementary learners' abilities to make informed decisions as engaged citizens to enact change in a culturally diverse, democratic society and interdependent world. Fieldwork Component: 10 hours in a grade 3-6 classroom. Prerequisite(s): EDUC 212.

**EDUC 312 Science Methods for PK-6 (4)** This course prepares elementary teacher candidates to design and direct science learning experiences that engage PK-6 learners in complex and age-appropriate problems and the investigation of natural and designed phenomena. Play and exploration are emphasized with early learners. Current best practices and resources, including the Framework for K-12 Science Education, NAEYC and National Science Teaching Association early childhood guidelines, and Next Generation Science Standards are covered and practiced. Field Component: 10 hours in a grade 3-6 classroom. Prerequisite(s): EDUC 212.

**EDUC 396 Special Topics in Education (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**EDUC 398 Readings in Education (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**EDUC 399 Independent Project in Education (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**EDUC 400 Foundational Topics in Education (4)** This course will examine the historical, philosophical, sociocultural, and political foundations of education in order to understand the relationship between schooling and society, how schooling is shaped and often constrained by social forces, and the role of critical theory and advocacy in advancing social justice for all learners. Prerequisite(s): EDUC 200 and junior or senior class standing.

**EDUC 402 Elementary Apprenticeship & Seminar (4)** A supervised clinical experience applying professional preparation skills and knowledge of literacy, mathematics, science, and social studies learning for elementary-age children. Weekly seminar meetings will focus on how to assess, plan, and teach all components of the elementary curriculum appropriate to the grade band. Clinical field observations and evaluations will be conducted. Field Component: 70 hours in grades PK-3 or 3-6. Prerequisite(s): EDUC 303, EDUC 310, and EDUC 312.

**EDUC 410 Literacy & Methods in the Disciplines (4)** Study of approaches to secondary teaching during the adolescent phase of human development, listening, observing, and teaching skills. This course examines literacy in content material across the curriculum for students in grades 5-12. Strategies are presented that enhance student comprehension while

reading, writing, listening, speaking, viewing, and doing an activity within a discipline. Field Component: 20 hours

Prerequisite(s): EDUC 200.

**EDUC 412 Secondary Curriculum, Planning, and Assessment (4)** This course explores curriculum theory and curriculum in endorsement areas. The implementation of curriculum will connect to the Universal Design for Learning (UDL), the Danielson Framework, assessments, classroom management practices, and Michigan secondary curriculum expectations (including graduation requirements, teacher contact hours, and professional development mandates). Students will understand current trends in the delivery methods for inclusion and differentiation (e.g., special education and English Language Learner). Learners will develop a curriculum map, including sequential days of detailed lesson design and appropriate assessments. Field component: 20 hours in the target grade band. Prerequisite(s): EDUC 200, EDUC 202, EDUC 204, and EDUC 220.

**EDUC 414 Content-Area Apprenticeship (4)** Students will complete an extended clinical placement in a content-area classroom at their target grade level (grade 5-9 or 7-12). Students will create detailed lesson plans and implementation strategies. The opportunity to demonstrate professional practice skills and knowledge will be observed and evaluated. Field component: 120 hours in the target grade band. Prerequisite(s): EDUC 412.

**EDUC 420 Methods of Secondary Social Studies (4)** Social studies methods meetings will be held with a mentor social studies teacher at the target grade level (grade 5-9 or 7-12). Social Studies methods, curriculum, and instructional resources will be considered and utilized. Prerequisite(s): EDUC 412.

**EDUC 422 Methods of Secondary Science (4)** Science methods meetings will be held with a mentor science teacher at the target grade level (grade 5-9 or 7-12). Science methods, curriculum, and instructional resources will be considered and utilized. Prerequisite(s): EDUC 412.

**EDUC 424 Methods of World Language (4)** World language majors only. Required of all students seeking a Michigan teacher endorsement for teaching a world language. This is an education methodology course and does not count toward the foreign language major. This course dives deeply into the specific theories and methodologies for teaching a world language including Second Language Acquisition, thematic and intercultural curriculum design, teaching in the target language, performance-based assessment, and developing intercultural competence. This course will also integrate computer-assisted language learning and inclusive teaching practices for PK-12. Pre-service teachers will focus on the ACTFL standards while creating a 10-day unit plan and teaching three mini-lessons. Fieldwork Component: 10 hours of direct work with world language learners in a classroom setting. Prerequisite(s): EDUC 212 or 412 and either FRE 302, GER 302, or SPA 302.

**EDUC 490 Student Teaching Internship Seminar (4)** Concurrent enrollment in this seminar course is required of education students during their student teaching semester. Seminar sessions will provide support and professional development to teacher certification candidates. Candidates will complete a senior capstone project of assessment-informed instructional design documented through a written paper and an infographic poster. Education portfolios must be completed and approved prior to completion of this course including demonstration of current Adult/Child CPR First aid certification and disclosure of any civil or criminal infractions. Prerequisite(s): SOE approval. Corequisite(s): EDUC 491.

**EDUC 491 Student Teaching Internship (8)** The student teaching internship entails a full-time placement in the target grade band under the direct supervision of an approved mentor teacher. Concurrent enrollment in the Student Teaching Internship Seminars is required; all other coursework must be completed prior to the start of this internship placement. Teacher candidates will be expected to submit detailed lesson plans, complete reflective journals, and attend all seminar sessions and events. Prerequisite(s): SOE approval. Corequisite(s): EDUC 490.

**MAT 105 Mathematics for the Liberal Arts (4)** A course that provides an opportunity for students to see mathematics used in ways not emphasized in traditional algebra-based courses. This is a survey of topics designed to introduce students to the methods of critical thinking, problem solving, analysis, proficient communication, ethical thought, and sustainability through mathematical models and other tools. Topics may include using probability to understand randomness and chance, the mathematics of infinity, topology, mathematical modeling with graph theory, and connections between mathematics and the arts, humanities, and social sciences.

**MAT 201 Math for Lower Elementary Teachers (4)** A course for future elementary teachers that merges mathematical content and pedagogical knowledge with specific attention to the cognitive, physical, behavioral, social, and emotional needs of children in grades pre-kindergarten through 3. Content areas covered include counting and cardinality; operations (addition, subtraction, and foundational ideas for multiplication); initial place value and regrouping concepts; measurement and data (time, money, relative positions, lengths in metric and standard); and geometry (naming shapes, shape composition, shapes in the real world, composition/decompositions of shapes, 2D and 3D shapes). This course will expose students to various curricular resources, assessment tools, and instructional technology to promote active engagement and give direction to instruction. A minimum of 12 clinical experience hours are required for this course.

Prerequisite(s): MAT 105 and EDUC 200.

**MAT 202 Math for Upper Elementary Teachers (4)** A course for future elementary teachers that merges mathematical content and pedagogical knowledge with specific attention to the cognitive, physical, behavioral, social, and emotional needs of children in grades 3 through 6. Content areas covered include place value (multi-digit operations, base 10 and other bases); multiplication and division (factors, multiples, area model, distributive property, commutative property, order of operations, and inverse operations); fractions (unit fractions, equivalent fractions, relationship to decimal equivalents, operations with fractions and proportional reasoning); geometry (area, perimeter, volume, angle measure, shapes, and attributes); and arithmetic patterns (setting up for algebraic thinking). This course will also expose students to various curricular resources, assessment tools, and instructional technology to promote age-appropriate active engagement and give direction to instruction. A minimum of 12 clinical hours are required for this course. Prerequisite(s): MAT 105 and EDUC 200.

## **English**

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**Jennifer Dawson, Ph.D., Chair**

**Daniel Brooks, Ph.D.; Rebecca Coogan, Ph.D.; Michelle DeRose, Ph.D.; Daniel Mancilla, Ph.D.; Gretchen Rumohr, Ph.D.**

**Mission Statement:** The English Department serves the students, campus, and community through the study of literature, writing, language, and theory. The Department prepares students for graduate programs and for careers in fields such as teaching, journalism, advertising, public relations, law, business, library science, professional writing, and editing for publications.

We hope to provide students with a broad knowledge of the history and development of literature in English, as well as to develop their reading, writing, speaking, critical and analytical skills to prepare them for graduate studies and careers. We also hope to instill in students an appreciation for literature as a means of understanding human experience.

### **Student Learning Outcomes.**

1. Students will have a broad and a detailed knowledge of the British, American, and World literary traditions;
2. Students will have a facility with language that will enable them to express themselves effectively in persuasive, creative, and analytical modes of writing and speaking;
3. Students will have an ability in critical and analytical thinking that will transfer to competency in a variety of professional careers;
4. Students will have an ability to articulate an appreciation of literature as an art form, and its value for promoting personal growth, professional expertise, and social justice
5. Students will have a commitment to lifelong literary appreciation dedicated to the pursuit of truth and the common good.

A student must earn at least a C (2.0) in a course in order to count it toward the major or minors.

# ENGLISH MAJOR WITH LITERATURE EMPHASIS

Bachelor of Arts

2023-2024

**Major Requirements:** Thirty-four (34) semester hours.

At least twenty (20) semester hours must be taken at Aquinas.

All majors must submit a portfolio of their work to the English Department for approval prior to graduation.

Guidelines are available from English Department faculty or on the English Department website.

Only courses with a grade of C or better will count toward the major.

AQUINAS REQUIREMENTS		GRADE	PREREQUISITES
_____	ENGL 250 Introduction to Literary Studies	4.0	_____
_____	ENGL 397 English Internship	2.0	_____ Department Chair Approval _____
<b>Choose four (4) semester hours of 200 level writing</b>			
_____	ENGL 201 Advanced Composition (WI)	4.0	_____ GEN 100 _____
_____	ENGL 202 Creative Writing (WI)	4.0	_____
_____	ENGL 203 Writing Center Theory & Practice (WI)	4.0	_____ Instructor Consent _____
_____	ENGL 205 Introduction to Journalism (WI)	4.0	_____
_____	ENGL 225 Grammar of Modern English	4.0	_____
<b>Choose eight (8) semester hours of 200 level literature</b>			
_____	ENGL 252 Modern & Contemporary Poetry	4.0	_____
_____	ENGL 254 World Literature in English	4.0	_____
_____	ENGL 256 Dramatic Literature	4.0	_____
_____	ENGL 258 Literature & Motion Pictures	4.0	_____
_____	ENGL 260 Catholic Writers	4.0	_____
_____	ENGL 262 Women Writers	4.0	_____
_____	ENGL 264 Irish Literature	4.0	_____
_____	ENGL 266 Studies in English Literature	4.0	_____
_____	ENGL 268 Studies in American Literature	4.0	_____
_____	ENGL 270 African-American Literature	4.0	_____
<b>Choose eight (8) semester hours of 300 level literature, one must be before 1900</b>			
_____	ENGL 350 Early British Literature	4.0	_____ ENGL 250 _____
_____	ENGL 351 British Literature: 17th & 18th Centuries	4.0	_____ ENGL 250 _____
_____	ENGL 352 British Literature: 19th Century	4.0	_____ ENGL 250 _____
_____	ENGL 353 20th Century British & Irish Literature	4.0	_____ ENGL 250 _____
_____	ENGL 360 American Lit I: Colonial - Early Federal Period	4.0	_____ ENGL 250 _____
_____	ENGL 361 American Lit II: 19th & Early 20th Centuries	4.0	_____ ENGL 250 _____
_____	ENGL 362 American Lit III: 20th Century-Present	4.0	_____ ENGL 250 _____
_____	ENGL 370 Studies in Diversity	4.0	_____
_____	ENGL 372 Teaching Young Adult Literature	4.0	_____ ENGL 250 (recommended) _____
_____	ENGL 396 Special Topics in English	4.0	_____
<b>Choose one (1) Senior Capstone</b>			
_____	ENGL 401 Major Authors Seminar (SC)	4.0	_____ ENGL 250 _____
_____	ENGL 402 Literary Theory (SC)	4.0	_____ ENGL 250 & 12 credits of literature courses _____



# ENGLISH MAJOR WITH WRITING EMPHASIS

Bachelor of Arts

2023-2024

**Major Requirements:** Thirty-four (34) semester hours.

At least twenty (20) semester hours must be taken at Aquinas.

All students must submit a portfolio of their work to the English Department for approval prior to graduation.

Guidelines are available from English Department faculty or on the English Department website.

Only courses with a grade of C or better will count toward the major.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ ENGL 202 Creative Writing (WI)	4.0	_____
_____ ENGL 250 Introduction to Literary Studies	4.0	_____
_____ ENGL 397 English Internship	2.0	Department Chair Approval
<b>Choose four (4) semester hours of writing</b>		
_____ ENGL 200 Writing for Business (WI)	4.0	_____
_____ ENGL 201 Advanced Composition (WI)	4.0	GEN 100
_____ ENGL 203 Writing Center Theory & Practice (WI)	4.0	Instructor Consent
_____ ENGL 205 Introduction to Journalism (WI)	4.0	_____
_____ ENGL 225 Grammar of Modern English	4.0	_____
<b>Choose eight (8) semester hours of upper-level writing</b>		
_____ ENGL 210 Advanced Journalism	4.0	ENGL 205 or Instructor Consent
_____ ENGL 302 Fiction Writing	4.0	ENGL 202
_____ ENGL 304 Creative Nonfiction Writing	4.0	ENGL 202
_____ ENGL 306 Script Writing	4.0	ENGL 202 or any THTR 100 level course
_____ ENGL 308 Studies in Writing	4.0	_____
_____ ENGL 310 Poetry Writing	4.0	ENGL 202
_____ ENGL 312 Grant Writing	4.0	_____
<b>Choose eight (8) semester hours of 200, 300, or 400 level literature. Maximum of 4 hours at the 200 level.</b>		
_____ ENGL 252 Modern & Contemporary Poetry	4.0	_____
_____ ENGL 254 World Literature in English	4.0	_____
_____ ENGL 256 Dramatic Literature	4.0	_____
_____ ENGL 258 Literature & Motion Pictures	4.0	_____
_____ ENGL 260 Catholic Writers	4.0	_____
_____ ENGL 262 Women Writers	4.0	_____
_____ ENGL 264 Irish Literature	4.0	_____
_____ ENGL 266 Studies in English Literature	4.0	_____
_____ ENGL 268 Studies in American Literature	4.0	_____
_____ ENGL 270 African-American Literature	4.0	_____
_____ ENGL 350 Early British Literature	4.0	ENGL 250
_____ ENGL 351 British Literature: 17th & 18th Centuries	4.0	ENGL 250
_____ ENGL 352 British Literature: 19th Century	4.0	ENGL 250
_____ ENGL 353 20th Century British & Irish Literature	4.0	ENGL 250
_____ ENGL 360 American Lit I: Colonial - Early Federal Period	4.0	ENGL 250
_____ ENGL 361 American Lit II: 19th & Early 20th Centuries	4.0	ENGL 250
_____ ENGL 362 American Lit III: 20th Century-Present	4.0	ENGL 250
_____ ENGL 370 Studies in Diversity	4.0	_____
_____ ENGL 372 Teaching Young Adult Literature	4.0	ENGL 250 (recommended)
_____ ENGL 396 Special Topics in English Literature	4.0	_____

**Choose one (1) Senior Capstone**

_____	ENGL 400 Senior Capstone: Writing Emphasis (SC)	4.0	_____	ENGL 250
_____	ENGL 401 Major Authors Seminar (SC)	4.0	_____	ENGL 250
_____	ENGL 402 Literary Theory (SC)	4.0	_____	ENGL 250 & 12 credits of literature courses

The state of Michigan does not consider writing a teachable major. English with Writing Emphasis is not an option for students pursuing teacher certification.

**ENGLISH MAJOR WITH LITERATURE EMPHASIS (TEACHING)**

*Bachelor of Arts*  
2023-2024

**Major Requirements:** Forty (40) semester hours.

At least eighteen (20) semester hours must be taken at Aquinas.

All majors must submit a portfolio of their work to the English Department for approval prior to graduation.

Guidelines are available from English Department faculty or on the English Department website.

Only courses with a grade of C or better will count toward the major.

AQUINAS REQUIREMENTS		GRADE	PREREQUISITES
_____	ENGL 203 Writing Center Theory & Practice (WI)	4.0	Instructor Consent
_____	ENGL 225 Grammar of Modern English	4.0	_____
_____	ENGL 250 Introduction to Literary Studies	4.0	_____
_____	ENGL 372 Teaching Young Adult Literature	4.0	ENGL 250 (recommended), EDUC 200
_____	ENGL 374 Teaching Writing	4.0	EDUC 200, 2.5GPA

**Choose eight (8) semester hours of 200 level literature**

_____	ENGL 252 Modern & Contemporary Poetry	4.0	_____
_____	ENGL 254 World Literature in English	4.0	_____
_____	ENGL 256 Dramatic Literature	4.0	_____
_____	ENGL 258 Literature & Motion Pictures	4.0	_____
_____	ENGL 260 Catholic Writers	4.0	_____
_____	ENGL 262 Women Writers	4.0	_____
_____	ENGL 264 Irish Literature	4.0	_____
_____	ENGL 266 Studies in English Literature	4.0	_____
_____	ENGL 268 Studies in American Literature	4.0	_____
_____	ENGL 270 African-American Literature	4.0	_____

**Choose eight (8) semester hours of 300 level literature, one must be before 1900**

_____	ENGL 350 Early British Literature	4.0	ENGL 250
_____	ENGL 351 British Literature: 17th & 18th Centuries	4.0	ENGL 250
_____	ENGL 352 British Literature: 19th Century	4.0	ENGL 250
_____	ENGL 353 20th Century British & Irish Literature	4.0	ENGL 250
_____	ENGL 360 American Lit I: Colonial - Early Federal Period	4.0	ENGL 250
_____	ENGL 361 American Lit II: 19th & Early 20th Centuries	4.0	ENGL 250
_____	ENGL 362 American Lit III: 20th Century-Present	4.0	ENGL 250
_____	ENGL 370 Studies in Diversity	4.0	_____
_____	ENGL 396 Special Topics in English	4.0	_____

**Choose one (1) Senior Capstone**

_____	ENGL 401 Major Authors Seminar (SC)	4.0	_____	ENGL 250
_____	ENGL 402 Literary Theory (SC)	4.0	_____	ENGL 250 & 12 credits of literature courses

# ENGLISH MINOR WITH WRITING EMPHASIS

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least twelve (12) semester hours must be taken at Aquinas.

Only courses with a grade of C or better will count toward the minor.

AQUINAS REQUIREMENTS		GRADE	PREREQUISITES
_____	ENGL 202 Creative Writing (WI)	4.0	_____
<b>Choose four (4) semester hours of writing</b>			
_____	ENGL 200 Writing for Business (WI)	4.0	_____
_____	ENGL 201 Advanced Composition (WI)	4.0	GEN 100
_____	ENGL 203 Writing Center Theory & Practice (WI)	4.0	Instructor Consent
_____	ENGL 205 Introduction to Journalism (WI)	4.0	_____
_____	ENGL 225 Grammar of Modern English	4.0	_____
<b>Choose eight (8) semester hours of upper-level writing</b>			
_____	ENGL 210 Advanced Journalism	4.0	_____
_____	ENGL 302 Fiction Writing	4.0	ENGL 202
_____	ENGL 304 Creative Nonfiction Writing	4.0	ENGL 202
_____	ENGL 306 Script Writing	4.0	ENGL 202 or any THTR 100 level course
_____	ENGL 308 Studies in Writing	4.0	_____
_____	ENGL 310 Poetry Writing	4.0	ENGL 202
_____	ENGL 312 Grant Writing	4.0	_____
<b>Choose four (4) semester hours of 200, 300, or 400 level literature</b>			
_____	ENGL 252 Modern & Contemporary Poetry	4.0	_____
_____	ENGL 254 World Literature in English	4.0	_____
_____	ENGL 256 Dramatic Literature	4.0	_____
_____	ENGL 258 Literature & Motion Pictures	4.0	_____
_____	ENGL 260 Catholic Writers	4.0	_____
_____	ENGL 262 Women Writers	4.0	_____
_____	ENGL 264 Irish Literature	4.0	_____
_____	ENGL 266 Studies in English Literature	4.0	_____
_____	ENGL 268 Studies in American Literature	4.0	_____
_____	ENGL 270 African-American Literature	4.0	_____
_____	ENGL 350 Early British Literature	4.0	ENGL 250
_____	ENGL 351 British Literature: 17th & 18th Centuries	4.0	ENGL 250
_____	ENGL 352 British Literature: 19th Century	4.0	ENGL 250
_____	ENGL 353 20th Century British & Irish Literature	4.0	ENGL 250
_____	ENGL 360 American Lit I: Colonial - Early Federal Period	4.0	ENGL 250
_____	ENGL 361 American Lit II: 19th & Early 20th Centuries	4.0	ENGL 250
_____	ENGL 362 American Lit III: 20th Century-Present	4.0	ENGL 250
_____	ENGL 370 Studies in Diversity	4.0	_____
_____	ENGL 372 Teaching Young Adult Literature	4.0	ENGL 250 (recommended)
_____	ENGL 396 Special Topics in English	4.0	_____
_____	ENGL 401 Major Authors Seminar (SC)	4.0	ENGL 250

# ENGLISH MINOR WITH LITERATURE EMPHASIS

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least twelve (12) semester hours must be taken at Aquinas.

Only courses with a grade of C or better will count toward the minor.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
ENGL 250 Introduction to Literary Studies	4.0	
<b>Choose four (4) semester hours of 200 level literature</b>		
ENGL 252 Modern & Contemporary Poetry	4.0	
ENGL 254 World Literature in English	4.0	
ENGL 256 Dramatic Literature	4.0	
ENGL 258 Literature & Motion Pictures	4.0	
ENGL 260 Catholic Writers	4.0	
ENGL 262 Women Writers	4.0	
ENGL 264 Irish Literature	4.0	
ENGL 266 Studies in English Literature	4.0	
ENGL 268 Studies in American Literature	4.0	
ENGL 270 African-American Literature	4.0	
<b>Choose eight (8) semester hours of 300 level literature</b>		
ENGL 350 Early British Literature	4.0	ENGL 250
ENGL 351 British Literature: 17th & 18th Centuries	4.0	ENGL 250
ENGL 352 British Literature: 19th Century	4.0	ENGL 250
ENGL 353 20th Century British & Irish Literature	4.0	ENGL 250
ENGL 360 American Lit I: Colonial - Early Federal Period	4.0	ENGL 250
ENGL 361 American Lit II: 19th & Early 20th Centuries	4.0	ENGL 250
ENGL 362 American Lit III: 20th Century	4.0	ENGL 250
ENGL 370 Studies in Diversity	4.0	
ENGL 372 Teaching Young Adult Literature	4.0	ENGL 250 (recommended)
ENGL 396 Special Topics in English	4.0	
ENGL 401 Major Authors Seminar (SC)	4.0	ENGL 250
ENGL 402 Literary Theory (SC)	4.0	ENGL 250 & 12 credits of literature courses
<b>Choose four (4) semester hours of any level literature elective</b>		
	4.0	

# ENGLISH MINOR WITH LITERATURE EMPHASIS (TEACHING)

2023-2024

**Minor Requirements:** Twenty-four (24) semester hours.

At least twelve (16) semester hours must be taken at Aquinas.

Only courses with a grade of C or better will count toward the minor.

AQUINAS REQUIREMENTS		GRADE	PREREQUISITES
_____	ENGL 203 Writing Center Theory & Practice (WI)	4.0	Instructor Consent
_____	ENGL 225 Grammar of Modern English	4.0	
_____	ENGL 250 Introduction to Literary Studies	4.0	
_____	ENGL 372 Teaching Young Adult Literature	4.0	ENGL 250 (recommended), EDUC 200
_____	ENGL 374 Teaching Writing	4.0	EDUC 200, 2.5 GPA
<b>Choose four (4) semester hours of any 200 or 300 level literature courses</b>			
_____	ENGL 252 Modern & Contemporary Poetry	4.0	
_____	ENGL 254 World Literature in English	4.0	
_____	ENGL 256 Dramatic Literature	4.0	
_____	ENGL 258 Literature & Motion Pictures	4.0	
_____	ENGL 260 Catholic Writers	4.0	
_____	ENGL 262 Women Writers	4.0	
_____	ENGL 264 Irish Literature	4.0	
_____	ENGL 266 Studies in English Literature	4.0	
_____	ENGL 268 Studies in American Literature	4.0	
_____	ENGL 270 African-American Literature	4.0	
_____	ENGL 350 Early British Literature	4.0	ENGL 250
_____	ENGL 351 British Literature: 17th & 18th Centuries	4.0	ENGL 250
_____	ENGL 352 British Literature: 19th Century	4.0	ENGL 250
_____	ENGL 353 20th Century British & Irish Literature	4.0	ENGL 250
_____	ENGL 360 American Lit I: Colonial - Early Federal Period	4.0	ENGL 250
_____	ENGL 361 American Lit II: 19th & Early 20th Centuries	4.0	ENGL 250
_____	ENGL 362 American Lit III: 20th Century	4.0	ENGL 250
_____	ENGL 370 Studies in Diversity	4.0	
_____	ENGL 396 Special Topics in English	4.0	

## **Course Descriptions:**

**ENGL 100 Basic College Writing (4)** Introduces basic writing skills needed to achieve success in First Year Seminar, as well as other college-level writing. Not to be taken concurrently with First Year Seminar.

**ENGL 105 College Writing Support (2)** Serves as a companion course to GEN 100 First Year Seminar for Aquinas Bridge Program. Supports writing skills needed to achieve success in college-level writing.

**ENGL 110 Understanding & Appreciating Literature (4)** Introduces genres such as fiction, poetry, creative nonfiction, and drama. A diversity of authors and time periods will be explored through the literature, arranged thematically or according to genre.

**ENGL 200 Writing for Business (4)** Introduces students to effective listening, writing, and presenting skills for business and other professional activities.

**ENGL 201 Advanced Composition (4)** Develops students' writing processes and college level expository writing skills. Students will explore a range of rhetorical strategies with attention to developing style, grammar, and discipline-specific formatting styles. Prerequisite(s): GEN 100 and sophomore class standing.

**ENGL 202 Creative Writing (4)** Introduction to reading and writing original poetry, fiction, creative nonfiction, and/or drama, at the instructor's discretion. Students will recognize and use discipline-specific craft elements for each genre studied.

**ENGL 203 Writing Center Theory and Practice (4)** Utilizes writing theory and technique to train students to be student consultants for the Aquinas College Writing Center. Instructor permission required. Prerequisite(s): Instructor approval.

**ENGL 205 Introduction to Journalism (4)** Writing course focusing on basic practices and principles of reporting and writing news articles and features.

**ENGL 210 Advanced Journalism (4)** Writing course that reviews news and features reporting and writing, with additional attention to practices and principles of editing, editorial writing, and multi-media writing and reporting. Prerequisite(s): ENGL 205.

**ENGL 215 Publication Practicum (1)** Writing, reporting and/or editing for the campus newspaper. Prerequisite(s): Instructor approval.

**ENGL 220 Advanced Publication Practicum (1)** Additional writing, reporting and/or editing for campus newspaper. Prerequisite(s): ENGL 215 and instructor approval.

**ENGL 225 Grammar of Modern English (4)** Analysis of the language through traditional, structural, and transformational grammar.

**ENGL 250 Introduction to Literary Studies (4)** Study of principles of literary prose and verse; structures, techniques, devices of various literary types. Introduction to literary theory and literary research methods.

**ENGL 252 Modern and Contemporary Poetry (4)** Study of representative poems by 20th and 21st-century poets as well as relevant literary criticisms and movements.

**ENGL 254 World Literature in English (4)** Introduction to world authors who are not British or American but whose work is written in English. Authors covered may include writers from South Africa, Canada, India, the West Indies, Ireland, Nigeria or other countries where English serves as a first or common language.

**ENGL 256 Dramatic Literature (4)** Study of the elements of drama through close readings of works from various literary periods and countries.

**ENGL 258 Literature and Motion Pictures (4)** Comparative study of fiction and drama and the feature motion pictures inspired by them.

**ENGL 260 Catholic Writers (4)** Explores the intersection of art and faith in fiction written by Catholic writers through the analysis and discussion of representative texts.

**ENGL 262 Women Writers (4)** Introduces selected texts in English by female-identifying authors. Selections are drawn from all genres and periods, and interpreted through feminist literary theory.

**ENGL 264 Irish Literature (4)** A survey of selected readings in Irish poetry, prose, and drama. Students will explore how such a relatively small country has produced such a richly comic and consistently tragic literary tradition.

**ENGL 266 Studies in English Literature (4)** Focused study of literature to be determined by instructor. Semester hours may be earned under different specific titles.

**ENGL 268 Studies in American Literature (4)** Intensive study of American Literature focused on a specific genre, literary movement, or historical period. Specific examples include: Science Fiction, Transcendentalism, and Comics and Graphic Novels. Semester hours may be earned under different specific titles.

**ENGL 270 African-American Literature (4)** Survey of the influences, major authors, and developments in African-American literature. Students will explore how many of the most cogent contemporary discussions led by and centered on African Americans today can be traced through African-American literature.

**ENGL 302 Fiction Writing (4)** Workshop class focused on writing fiction and studying its forms and elements. Prerequisite(s): ENGL 202.

**ENGL 303 Writing Center Practicum (1)** Students utilize writing theory and technique as they work in the Aquinas College Writing Center. Prerequisite(s): ENGL 203.

**ENGL 304 Creative Nonfiction Writing (4)** Workshop class focused on writing creative nonfiction and studying its forms and elements. Prerequisite(s): ENGL 202.

**ENGL 306 Script Writing (4)** Writing of scripts for the stage and/or screen and the study of the elements of script writing. Prerequisite(s): ENGL 202.

**ENGL 308 Studies in Writing (4)** Variable topics course. Focused study of writing to be determined by the instructor. Credit may be earned under different specific titles.

**ENGL 310 Poetry Writing (4)** Workshop class focused on writing poetry and studying its forms and elements. Prerequisite(s): ENGL 202.

**ENGL 312 Grant Writing (4)** This course provides an introduction to grant research and grant writing. Through effective partnership with a nonprofit organization and hands-on experience, students will learn about the principles, practices, and strategies of fund development and write a complete grant proposal by the end of the course.

**ENGL 350 Early British Literature (4)** Major literary productions from Beowulf through the 16th century. Old and Middle English texts, with exception of Chaucer, studied in translation. Prerequisite(s): ENGL 250 with C or above.

**ENGL 351 British Literature: 17th and 18th Century (4)** Focuses on literature of the English 17th and 18th centuries. Prerequisite(s): ENGL 250 with C or above.

**ENGL 352 British Literature: 19th Century (4)** Survey of representative poetry, prose, and drama covering Romantic and Victorian authors to WWI. Prerequisite(s): ENGL 250 with C or above.

**ENGL 353 20th Century British and Irish Lit (4)** Selected readings from English and Irish poetry, drama, and prose from beginning of the 20th century to present. Prerequisite(s): ENGL 250 with C or above.

**ENGL 360 American Lit I: Colonial to Early Fed (4)** Survey of Early American Literature from “first contact” narratives through the early republic culminating in the study of 18th c. novels. Students will be urged to think critically about the terms: “early,” “American,” and “literature.” Prerequisite(s): ENGL 250 with C or above.

**ENGL 361 American Lit II: 19th and Early 20th Century (4)** Survey of American literature from early romanticism through realism and naturalism. Students will think critically about the term “American Renaissance” and how it has been expanded to include more diverse literary voices. Prerequisite(s): ENGL 250 with C or above.

**ENGL 362 American Lit III: 20th Century to Present (4)** Survey of American literature since World War I. Students will explore the connections between modernism and postmodernism culminating in a discussion of contemporary trends. Prerequisite(s): ENGL 250 with C or above.

**ENGL 365 The Novel (4)** Evolution of the novel in English from its origins to the present, using representative works from British and/or American writing.

**ENGL 370 Studies in Diversity (4)** Focused study of literary topics and/or authors determined by instructor. Semester hours may be earned under different specific titles.

**ENGL 372 Teaching Young Adult Literature (4)** Introduces significant young adult authors and their books as well as techniques and principles in the selection, evaluation, and promotion of young adult literature. Prerequisite(s): ENGL 250 with C or above.

**ENGL 374 Teaching Writing (4)** Education method elective for secondary certification and language arts major, particularly candidates interested in teaching middle school. Introduces students to current theories about the teaching of writing, gives them practice as writers of expressive and expository writing, and provides them with practical strategies for teaching writing as a process in secondary classrooms. Field component: variable hours tutoring at Aquinas College or in middle or high school classroom (variable times). Prerequisite(s): EDUC 200.

**ENGL 396 Special Topics in English Literature (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**ENGL 397 Internship in English (2 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**ENGL 398 Readings in English (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**ENGL 399 Independent Project in English (4)** Individually negotiated project in a selected area established between

instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**ENGL 400 Writing Emphasis Capstone (4)** Capstone course for English Majors with Writing Emphasis. Students will divide their coursework between workshopping and editing their portfolios, completing a readings exam (a companion essay which reflects upon their writing process while citing specific texts/authors, and/or literary styles influential to their development), and researching professional opportunities related to their degree. Prerequisite(s): ENGL 202 with C or above.

**ENGL 401 Major Authors Seminar (4)** Intensive study of one or more authors including the important primary and secondary sources. Students will conduct a sustained research project using contemporary critical theory. Semester hours may be earned under different seminar titles. Prerequisite(s): ENGL 250 with C or above.

**ENGL 402 Literary Theory (4)** Advanced study of selected literary theories and their application to literary texts and appropriate cultural contexts. Prerequisite(s): ENGL 250 with C or above and at least 12 semester hours of literature courses.



## **Environmental Science**

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**Richard E. McCluskey, Ph.D., Chair**

**James Rasmussen, Ph.D.**

Environmental science is an interdisciplinary field that brings together numerous natural and social science disciplines in the study of environmental problems and human impacts on the environment. Each student will need to choose a concentration (ecology, earth science, or chemistry) in addition to the core major requirements. Since the environmental science major is an interdisciplinary major and requires a substantial number of credits from several different departments, those declaring the major during or after their sophomore year should meet with the Geography and Environmental Science Department chair to determine if the major can be completed in a timely manner.

**Mission Statement.** The mission of the Geography and Environmental Studies Department at Aquinas College is to provide students with knowledge of geography and environmental science befitting their goals: for the general education students that they understand basic tenets of physical geography, human geography, and/or environmental studies; for the education certification students that they obtain the content knowledge necessary for their teaching careers; and for the geography and environmental studies majors that they possess the knowledge and skills necessary for them to succeed in their post-baccalaureate careers.

# ENVIRONMENTAL SCIENCE MAJOR

Bachelor of Science

2023-2024

## Major Requirements: Fifty-three (53) semester hours.

At least twenty-four (24) semester hours must be taken at Aquinas.

Students must complete core courses and at least one concentration to total fifty-three (53) semester hours.

Students may complete more than one concentration, but may not overlap any courses within the concentrations.

Students completing the Environmental Science major may not declare a Geography major or minor.

Only courses with a grade of C or higher will count toward the major.

### AQUINAS CORE REQUIREMENTS

		GRADE	PREREQUISITES
_____	GEO 110 Earth Systems	4.0	_____
_____	GEO 120 Human Geography	4.0	_____
_____	GEO 240 Cartography	4.0	_____
_____	GEO 340 Geographic Information Systems	4.0	_____ GEO 240
_____	ENV 300 Environmental Problems and Solutions	4.0	_____ GEO 110
_____	ENV 401 Research Methods in Environmental Science	4.0	_____ GEO 110, GEO 120
_____	ENV 402 Environmental Science Research Seminar (SC)	1.0	_____ ENV 401

### Choose eight (8) semester hours from the following:

_____	HIST 236 Environmental History	4.0	_____
_____	PHIL 235 Environmental Philosophy	4.0	_____
_____	THEO 225 Catholic Social Teaching	4.0	_____
_____	WGS 215 Women, Gender, & Environment	4.0	_____

### CONCENTRATION 1: CHEMISTRY

_____	CHEM 121 General Chemistry I	4.0	_____ MAT 120 or above (may be corequisite)
_____	CHEM 122 General Chemistry II	4.0	_____ CHEM 121
_____	CHEM 221 Organic Chemistry I	4.0	_____ CHEM 122
_____	CHEM 230 Quantitative Analysis	4.0	_____ CHEM 122
_____	CHEM 330 Instrumental Methods of Analysis (WI)	4.0	_____ CHEM 230

### CONCENTRATION 2: EARTH SCIENCE

_____	GEO 210 Biogeography (WI)	4.0	_____
_____	GEO 220 Urban Geography	4.0	_____

### Choose twelve (12) semester hours from the following:

_____	GEO 230 Geography of U.S. and Canada	4.0	_____
_____	GEO 312 Climatology & Weather	4.0	_____ GEO 110
_____	GEO 313 Geomorphology	4.0	_____ GEO 110
_____	GEO 341 Remote Sensing	4.0	_____ GEO 110
_____	ECON 315 Environmental Economics & Policy	4.0	_____ ECON 200

### CONCENTRATION 3: ECOLOGY

_____	BIO 170 Introduction to Organisms	4.0	_____
_____	BIO 171 Introduction to Cells	4.0	_____
_____	BIO 305 Ecology	4.0	_____ BIO 170 & BIO 171 w/C or above

### Choose eight (8) semester hours from the following:

_____	BIO 210 Microbiology	4.0	_____ BIO 170 & BIO 171 w/C or above
_____	BIO 215 Ornithology	4.0	_____ BIO 170 w/C or above
_____	BIO 220 Plant Biology	4.0	_____ BIO 170 w/C or above
_____	BIO 225 Aquatic Biology	4.0	_____ BIO 170 w/C or above
_____	GEO 210 Biogeography (WI)	4.0	_____

# ENVIRONMENTAL SCIENCE MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least twelve (12) semester hours must be taken at Aquinas.

Students with an Environmental Science minor may not declare a Geography major or minor.

Only courses with a grade of C or better will count toward the minor.

AQUINAS REQUIREMENTS		GRADE	PREREQUISITES
_____	GEO 110 Earth Systems	4.0	_____
_____	GEO 120 Human Geography	4.0	_____
_____	ENV 300 Environmental Problems and Solutions	4.0	GEO 110
<b>Choose eight (8) semester hours of electives:</b>			
_____	BIO 215 Ornithology	4.0	BIO 170 w/C or above
_____	BIO 220 Plant Biology	4.0	BIO 170 w/C or above
_____	BIO 225 Aquatic Biology	4.0	BIO 170 w/C or above
_____	BIO 305 Ecology	4.0	BIO 170 & BIO 171 w/C or above
_____	ECON 315 Environmental Economics & Policy	4.0	ECON 200
_____	GEO 210 Biogeography (WI)	4.0	_____
_____	GEO 220 Urban Geography	4.0	_____
_____	GEO 312 Climatology & Weather	4.0	GEO 110
_____	GEO 313 Geomorphology	4.0	GEO 110
_____	GEO 341 Remote Sensing	4.0	GEO 110
_____	HIST 236 Environmental History	4.0	_____
_____	PHIL 235 Environmental Philosophy	4.0	_____
_____	WGS 215 Women, Gender, & Environment	4.0	_____

## Course Descriptions:

**ENV 300 Environmental Problems and Solutions (4)** A course in environmental problems: utilizes a project-based interdisciplinary and experiential format to explore the ecological, social, political and economic aspects of environmental problems at the local to global scale. Covers topics such as climate change, deforestation and habitat loss, soil erosion, water and air pollution. Each course will include a semester long collaborative project where students engage in environmental problem solving to create an actionable solution to a local environmental issue. Prerequisite(s): GEO 110.

**ENV 396 Special Topics in Environmental Science (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**ENV 397 Internship in Environmental Science (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**ENV 398 Readings in Environmental Science (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**ENV 399 Independent Project in Environ. Science (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**ENV 401 Research Methods in Environ. Science (4)** Theory and application of research methods in geography. Topics include the history of geographical research and specific techniques used in both physical and human geographical analysis. The course culminates in the creation of an individualized research proposal that will be used as a guide for the student's capstone research project. Prerequisite(s): GEO 110 and GEO 120.

**ENV 402 Environ. Science Research Seminar (1)** Research seminar where students implement the skills obtained during their study of geography. The course requires the implantation of research methods and techniques appropriate to each student's self-defined project. Students are expected to design, implement, analyze and present their own research project culminating in a class presentation, research poster, and written thesis. Prerequisite(s): ENV 401.

# **General Education**

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## **Office of the Provost**

### **Course Descriptions**

**GEN 100 First Year Seminar (4)** Students develop writing, communication, and critical thinking skills through focused exploration of a topic selected by the instructor. Students become familiar with resources and strategies that promote academic success and cultivate a sense of community and connection to the Aquinas College mission.

**GEN 105 Achieving Academic Success (2)** The focus for this class is for students to recognize their responsibilities as a student, to successfully assimilate into the college community, to discover their own learning preferences and how to utilize their learning style; acquire, practice, and integrate time management, goal setting, reading and memory strategies; discover study strategies and test-taking techniques; and to learn how to maintain physical and mental health in the college environment.

**GEN 110 Career and Self Awareness (1)** This course will guide students with identifying skills, interests, abilities, goals, and values related to discovering a sense of purpose. Students will explore academic disciplines and career fields of interest and assess if these fields are personally a good fit. Exploration of self assessments and multiple intelligences will be used to map a career plan.

**GEN 200 World Humanities (4)** This variable topics course focuses on different contexts in the humanities. The course may consider social, political, artistic, environmental, or philosophical themes across disciplines. Students will learn and identify the intellectual currents in the texts under consideration, to engage in focused discussion and to probe the interrelation of history, culture, literature, the arts, and contexts.

**GEN 210 Career and Life Planning (4)** This class focuses on the theoretical and practical study of the career planning process as applied to interests, abilities, goals, academic discipline, and field of interest. Self-assessment techniques, development of a career and life plan, and projects related to personal career search and career management will be examined. This course will include a week-long job shadow experience.

**GEN 310 Generation Swap Mentoring Program (4)** This class is a springboard for students to build the skills necessary to transition from college to life after graduation and is anchored by 2 key features, in addition to readings, lectures, and class discussions: mentorship with an Osher Lifelong Learning Scholar and Generation Swap podcasting.

**GEN 397 Internship (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**GEN 400 Senior Capstone (4)** This research seminar explores the Aquinas College mission themes of lifelong learning, pursuit of truth, and concern for the common good. The course focuses on the study of selected major monuments in literature, art, and music (other disciplines such as psychology, philosophy, etc. could be included depending on the interests of students and expertise of the instructor). An advanced undergraduate level project that incorporates research, writing, and presentation components is required.

**GEN 410 Decision Making and Implementation (1)** This course is designed to assist students in making the transition from college to the world of work, service, self-employment, and/or graduate school. Students will prepare an individualized career action plan which includes setting goals, finalizing career options, researching opportunities, networking, resume and cover letter writing, portfolio development, salary negotiating, budgeting, and interviewing.

## **Geography**

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**Richard E. McCluskey, Ph.D., Chair**

**James Rasmussen, Ph.D.**

Geography is the study of both the physical and cultural characteristics of places and the spatial relationships that comprise our world. The origin of the discipline is traced back to the Greek tradition where geographers were tasked with providing descriptions of the world's people and places. Modern geography has evolved beyond mere description and attempts an understanding of how those places and characteristics are interrelated and change. Our departmental courses cover the major divisions within the discipline and offers courses in physical geography, human geography, and geospatial techniques.

**Mission Statement.** The mission of the Geography and Environmental Studies Department at Aquinas College is to provide students with knowledge of geography and environmental studies befitting their goals: for the general education students that they understand basic tenets of physical geography, human geography, and/or environmental studies; for the education certification students that they obtain the content knowledge necessary for their teaching careers; and for the geography and environmental studies majors that they possess the knowledge and skills necessary for them to succeed in their post-baccalaureate careers.

# GEOGRAPHY MAJOR

*Bachelor of Science*

2023-2024

**Major Requirements:** Thirty-seven (37) semester hours.

At least twenty (20) semester hours must be taken at Aquinas.

Students completing the Geography major may not declare an Environmental Science major or minor.

Only courses with a C or better will count toward the major.

## AQUINAS REQUIREMENTS

		GRADE	PREREQUISITES
_____	GEO 110 Earth Systems	4.0	_____
_____	GEO 120 Human Geography	4.0	_____
_____	GEO 220 Urban Geography	4.0	_____
_____	GEO 240 Cartography	4.0	_____
_____	GEO 340 Geographic Information Systems	4.0	GEO 240
_____	GEO 401 Research Methods in Geography	4.0	GEO 110, GEO 120
_____	GEO 402 Geography Research Seminar (SC)	1.0	GEO 401

## Choose four (4) semester hours of Systematic Physical Geography:

_____	GEO 210 Biogeography (WI)	4.0	_____
_____	GEO 312 Climatology & Weather	4.0	GEO 110
_____	GEO 313 Geomorphology	4.0	GEO 110

## Choose eight (8) semester hours of Geography electives (may not overlap courses from Systematic Physical Geography):

_____	GEO 115 Michigan Geography	4.0	_____
_____	GEO 130 World Regional Geography	4.0	_____
_____	GEO 210 Biogeography (WI)	4.0	_____
_____	GEO 230 Geography of U.S. and Canada	4.0	_____
_____	GEO 312 Climatology & Weather	4.0	GEO 110
_____	GEO 313 Geomorphology	4.0	GEO 110
_____	GEO 341 Remote Sensing	4.0	GEO 110

# GEOGRAPHY MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least twelve (12) semester hours must be taken at Aquinas.

Students with a Geography minor may not declare an Environmental Science major or minor.

Only courses with a grade of C or better will count toward the minor.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ GEO 110 Earth Systems	4.0	_____
_____ GEO 120 Human Geography	4.0	_____
_____ GEO 240 Cartography	4.0	_____
<b>Choose eight (8) semester hours of Geography electives:</b>		
_____ GEO 210 Biogeography (WI)	4.0	_____
_____ GEO 220 Urban Geography	4.0	_____
_____ GEO 230 Geography of U.S. and Canada	4.0	_____
_____ GEO 312 Climatology & Weather	4.0	_____ GEO 110
_____ GEO 313 Geomorphology	4.0	_____ GEO 110
_____ GEO 340 Geographic Information Systems	4.0	_____ GEO 240
_____ GEO 341 Remote Sensing	4.0	_____ GEO 110

## **Course Descriptions:**

**GEO 110 Earth Systems (4)** An introduction to the science of Physical Geography using an Earth-systems approach. Course themes include atmospheric weather, global climates and climate change, hydrology and water resources, natural hazards, geomorphology, soils, and biogeography; with a focus on how these topics are applied to world environmental issues. Corequisite(s): GEO 110L.

**GEO 115 Michigan Geography (4)** An introduction to the physical geography of Michigan. The geology, geomorphology, climatology, and biogeography of Michigan are analyzed with emphasis on the relationships with the cultural geography and history of Michigan. Significant work outside of class is required in the form of data collection and analysis.

**GEO 120 Human Geography (4)** An introduction to the geographic subfield of human geography that analyzes the role of human beings as they are distributed across the surface of the earth. Systematic approaches using topics from population geography, human migration, economic geography, political geography, and the diffusion of language and religion are addressed in an analysis of spatial patterns and processes.

**GEO 130 World Regional Geography (4)** An introduction to the earth's human and physical geography using the tools and methods associated with the regional approach to geography. Fundamental geographical ideas and concepts are presented in different regional contexts from across the world.

**GEO 210 Biogeography (4)** The study of the distribution of plants and animals on the Earth's surface. It explores the ecological and physical processes that influence the range of individual species today. As well as the mechanisms of evolution, extinction and plate tectonics that control the diversity of life over geologic time. This course includes a substantial writing component.

**GEO 220 Urban Geography (4)** An analysis of urban places from economic, historical, social, and cultural landscape perspectives. Cities are used as the unit of analysis for an exploration into the human geography of urban areas. Emphasis is given to the processes that create and recreate urban environments. Examples are drawn from across the world but American urban patterns and practices are given particular attention. Significant work outside of class is required in the form of field studies, data collection, and analysis.

**GEO 230 Geography of the US and Canada (4)** The human and physical geography of the United States and Canada using a regional approach. Topics include the physical environment, distribution of humans and their activities, and the interrelationships between humans and the environment. The application of geographic principles and reasoning in an understanding of place and spatial relationships is emphasized.

**GEO 240 Cartography (4)** Cartographic design and analysis with an emphasis on developing the ability to communicate through the use of maps and graphics. Various techniques are used for the analysis, manipulation, and visualization of spatial data including cartographic generalization and symbolization, data classification, cartographic design, and thematic mapping. Corequisite(s): GEO 240L.

**GEO 312 Climatology & Weather (4)** A course on the Atmosphere. This course examines the climate system, specifically the atmosphere, oceans and cryosphere and how these features determine the variety of climates experienced worldwide, with a focus on climate stability and climate change. The study of weather, covering both synoptic and meso-scale systems along with the theories behind the development and movement of these phenomenon. This course includes a substantial observational and analytical component. Prerequisite(s): GEO 110.

**GEO 313 Geomorphology (4)** The study of landscapes and the processes that shape them. Utilizes a system's theory framework to examine the role of wind, water and ice as agents in the evolution of landforms over time. An applied course that includes empirical and field oriented science along with laboratory techniques and analysis. Prerequisite(s): GEO 110.

**GEO 340 Geographic Information Systems (4)** The technical and theoretical issues in the design, implementation, and use of geographic information systems (GIS). Concepts and applications of GIS in the acquisition, organization, and analysis of geographic data including visualizing and communicating geographic information. Prerequisite(s): GEO 240. Corequisite(s): GEO 340L.

**GEO 341 Remote Sensing (4)** The basics of electromagnetic energy and its value to remote sensing, fundamentals of visual interpretation of aerial and satellite imagery, and strategies for computer processing to extract information from aerial and satellite imagery. Prerequisite(s): GEO 110. Corequisite(s): GEO 341L.

**GEO 396 Special Topics in Geography (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**GEO 397 Internship in Geography (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.



**GEO 398 Readings in Geography (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**GEO 399 Independent Project in Geography (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**GEO 401 Research Methods in Geography (4)** Theory and application of research methods in geography. Topics include the history of geographical research and specific techniques used in both physical and human geographical analysis. The course culminates in the creation of an individualized research proposal that will be used as a guide for the student's capstone research project. Prerequisite(s): GEO 110 and GEO 120.

**GEO 402 Geography Research Seminar (1)** Research seminar where students implement the skills obtained during their study of geography. The course requires the implantation of research methods and techniques appropriate to each student's self-defined project. Students are expected to design, implement, analyze and present their own research project culminating in a class presentation, research poster, and written thesis. Prerequisite(s): GEO 401.

# **History**

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**Jason K. Duncan, Ph.D., Chair**

**Charles D. Gunnoe, Jr., Ph.D.; Bethany Kilcrease, Ph.D.**

**Mission Statement.** History is the foundation of a liberal arts education. The study of the past fosters knowledge of those virtues most necessary to the maintenance of democratic society. History provides an appreciation of the long struggle to achieve a social order and the need for vigilance to preserve it. By studying history, we deepen our understanding of the human person and our world's cultural variety, thus illuminating the relationship between individual and community.

The department of history seeks to develop students' general knowledge and analytical abilities, enhance their understanding of our contemporary socio-political situation, and refine their research and writing skills. The department aims for these outcomes through a varied curriculum, independent study, and internships that provide field experience. Rooted in the Catholic intellectual tradition, history classes are conducted as part of a search for Truth.

## **Student Learning Outcomes.**

1. Students will have a broad knowledge of World, European, and American history.
2. Students will have a facility with language that will enable them to express themselves effectively in narrative and analytical modes of writing.
3. Students will have critical thinking skills honed by historical analysis that will transfer to other disciplines and professions.
4. Students will have the ability to classify and assess different types of historical literature.
5. Student will have a clear understanding of the role of interpretation in history and familiarity with the Western tradition of historical interpretation.
6. Students will have refined research skills, including making use of library resources and primary texts, integrating secondary and primary sources as part of original research, and properly citing sources in footnotes or endnotes.

# HISTORY MAJOR

Bachelor of Arts  
2023-2024

**Major Requirements:** Thirty-four (34) semester hours.

At least eighteen (18) semester hours must be taken at Aquinas.

A maximum of eight (8) semester hours of CLEP/AP credits may be applied toward the major.

A portfolio must be submitted to the Dept. Chair and approved by the History faculty prior to graduation. Guidelines are available at <https://sites.google.com/a/aquinas.edu/sample-history-department-portfolio/>

A GPA of at least 2.0 must be maintained.

Only courses with a grade of C- or better will count toward the major.

## AQUINAS REQUIREMENTS

## GRADE

## PREREQUISITES

_____	HIST 200 History Methods, Skills and Careers	2.0	_____	Sophomore Status (recommended)
_____	HIST 300 Historiography	4.0	_____	Twelve (12) semester hours of History coursework
_____	HIST 400 Senior Research Seminar (SC)	4.0	_____	Instructor Consent
<b>Choose four (4) semester hours of American History:</b>				
_____	HIST 202 Colonial & Revolutionary America	4.0	_____	HIST 100 recommended
_____	HIST 204 After Revolution: Early American Republic	4.0	_____	
_____	HIST 206 Civil War and Reconstruction	4.0	_____	
_____	HIST 208 African-American History	4.0	_____	HIST 100 recommended
_____	HIST 210 Gilded Age & Progressive Era	4.0	_____	
_____	HIST 214 The United States & the Vietnam War	4.0	_____	HIST 100 recommended
_____	HIST 216 Women in American History	4.0	_____	
_____	HIST 218 Saints & Sinners: American Catholics	4.0	_____	
_____	HIST 220 History of American Sports	4.0	_____	
_____	HIST 312 Variable Topics: American History	4.0	_____	
<b>Choose four (4) semester hours of European History:</b>				
_____	HIST 222 Ancient History	4.0	_____	
_____	HIST 224 The Middle Ages (WI)	4.0	_____	
_____	HIST 226 History of Christianity	4.0	_____	
_____	HIST 228 History of Russia	4.0	_____	HIST 105 recommended
_____	HIST 232 History of Science & Medicine	4.0	_____	
_____	HIST 230 Ireland: A History at Europe's Edge	4.0	_____	
_____	HIST 302 History of Britain (WI)	4.0	_____	
_____	HIST 314 Variable Topics: European History	4.0	_____	
<b>Choose four (4) semester hours of Non-Western History:</b>				
_____	HIST 234 History of World Religions	4.0	_____	
_____	HIST 236 Environmental History	4.0	_____	
_____	HIST 238 Latin American History	4.0	_____	
_____	HIST 304 History of China, Japan, & Korea	4.0	_____	
_____	HIST 306 History of India	4.0	_____	
_____	HIST 316 Variable Topics: Non-Western History	4.0	_____	
<b>Choose twelve (12) semester hours of History electives:</b>				
_____	_____	4.0	_____	
_____	_____	4.0	_____	
_____	_____	4.0	_____	
<b>Recommendation: Choose one (1) Experiential Learning option:</b>				
_____	HIST 397 Internship in History	V.	_____	
_____	Study Away	V.	_____	
_____	HIST 399 Independent Project in History	V.	_____	

# HISTORY MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least twelve (12) semester hours must be taken at Aquinas.

A maximum of eight (8) semester hours of CLEP/AP credits may be applied toward the major.

A maximum of eight (8) semester hours of 100 level courses will be allowed to count towards the minor.

A GPA of at least 2.0 must be maintained.

Only courses with a grade of C- or better will count toward the minor.

## AQUINAS REQUIREMENTS

## GRADE

## PREREQUISITES

### Choose four (4) semester hours of American History:

_____	HIST 202 Colonial & Revolutionary America	4.0	_____	HIST 100 recommended
_____	HIST 204 After Revolution: Early American Republic	4.0	_____	_____
_____	HIST 206 Civil War and Reconstruction	4.0	_____	_____
_____	HIST 208 African-American History	4.0	_____	HIST 100 recommended
_____	HIST 210 Gilded Age & Progressive Era	4.0	_____	_____
_____	HIST 214 The United States & the Vietnam War	4.0	_____	HIST 100 recommended
_____	HIST 216 Women in American History	4.0	_____	_____
_____	HIST 218 Saints & Sinners: American Catholics	4.0	_____	_____
_____	HIST 220 History of American Sports (WI)	4.0	_____	_____
_____	HIST 312 Variable Topics: American History	4.0	_____	_____

### Choose four (4) semester hours of Non-Western History:

_____	HIST 234 History of World Religions	4.0	_____	_____
_____	HIST 236 Environmental History	4.0	_____	_____
_____	HIST 238 Latin American History	4.0	_____	_____
_____	HIST 304 History of China, Japan, & Korea	4.0	_____	_____
_____	HIST 306 History of India	4.0	_____	_____
_____	HIST 316 Variable Topics: Non-Western History	4.0	_____	_____

### Choose twelve (12) semester hours of History electives:

_____	_____	4.0	_____	_____
_____	_____	4.0	_____	_____
_____	_____	4.0	_____	_____

History majors who pass CLEP exams in American History may apply such credit toward the thirty-four (34) semester hours required for the major. Students who do so, however, should not register for the equivalent courses (HIST 100-110), but should instead elect 200 level courses or above. In no case will both the CLEP exam credit and equivalent course credit be counted as part of the history major. All courses are open to first year students unless otherwise noted in the registration schedule.

No more than six (6) hours of CLEP and/or AP credit can be applied to the history major or minor.

All History Majors must submit a portfolio of their best work to the History Department prior to graduation. Please see the Department website for details. [aquinas.edu/history/](http://aquinas.edu/history/)

## **Course Descriptions:**

**HIST 100 American History (4)** An introduction to the history of the United States from its origins as European colonies to the present with an emphasis on how Americans have forged various political traditions in pursuit of freedom, liberty and equality.

**HIST 105 World History (4)** Survey of World History from Prehistory to the present. Major topics covered include the development of complex societies, the emergence of the world's great religious and philosophical traditions, the expansion of trade and cultural exchange, the rise and fall of colonial empires, modern ideologies and world wars, and the post-war era.

**HIST 110 European History (4)** A thematic survey of European history from the impact of the Black Death in the 1300s to the present. Major topics will include Europe's place in the wider world, the Renaissance, the Reformations, the Scientific Revolution, the French Revolution and Napoleonic Wars, nationalism and state building, World Wars, the advent of communism and fascism, the fall of communism, and the rise of conservative populism.

**HIST 200 History Methods, Skills, and Careers (2)** This class offers an introduction to the discipline of history, including different genres of historical literature, types of sources, historical discourse, and historiography. It also serves as an introduction to career trajectories for history majors and the development of skills and aptitudes needed to succeed in life after college.

**HIST 202 Colonial and Revolutionary America (4)** Course begins with Native America, the arrival of the Europeans, conflict between races and beginning of slavery, the establishment of colonies within competing European Empires and wars between those empires, and concludes with the War of the American Revolution in the late 18th century.

Prerequisite(s): HIST 100 recommended.

**HIST 204 After Revolution: Early Amer Republic (4)** This course is a political history of the United States from the 1780s through 1815 that emphasizes the fragility of the new United States of America and the development of American identity.

**HIST 206 Civil War and Reconstruction (4)** Military, social and political history of the United States Civil War.

**HIST 208 African-American History (4)** A survey of the history of African Americans in the colonial era and the United States with an emphasis on African contributions to American culture and the country, the experience of slavery and segregation, and long struggle for justice and equality. Prerequisite(s): HIST 100 recommended.

**HIST 210 Gilded Age and Progressive Era (4)** This course examines the turbulent but prosperous era in United States history from 1880 to 1920. Special topics include the "Gilded Age," agrarian populists, urban Progressives, immigration, American imperialism, race relations, and World War I.

**HIST 212 The Cold War: A Long Twilight Struggle (4)** An international history of the conflict that defined the second half of the twentieth century, from its beginnings in the aftermath of World War II to its end in the 1990s and the post Cold War era that followed.

**HIST 214 The United States & the Vietnam War (4)** United States involvement in the Vietnam War in the context of the Cold War.

In addition to the military and diplomatic history, we will also investigate the impact of the Vietnam War on society, politics and culture in the United States States. Prerequisite(s): HIST 100 recommended.

**HIST 216 Women in American History (4)** A social historical introduction to history from a feminist perspective focusing on women's lived experience in the United States from the colonial era to the present. Topics include American Colonial women, Native American women, the impact of slavery on all American women, nineteenth and twentieth century social movements (Suffrage, Temperance, Social Reform, Women's Liberation, Equal Rights Amendment, etc.) and women's legal issues.

**HIST 218 Saints and Sinners: American Catholics (4)** The story of American Catholics, from their beginnings as an outlawed minority in early America to their rise as a major force in the nation's society, culture and politics.

**HIST 220 History of American Sports (4)** An exploration of sports in America from their origins through the early 21st century. From their origins to their professionalization and arrival as a major cultural, social and economic force in the modern United States. A wide range of sports, and a diverse group of American participants in them, will also be explored, including the international aspect, especially U.S. participation in the Olympic movement.

**HIST 222 Ancient History (4)** An investigation of the political, social, and cultural history of Western Eurasia from the Bronze Age until Late Antiquity. Topics covered include the Ancient Near East, Classical Greek Civilization, the Hellenistic era, the evolution of Roman state and empire, the Pax Romana, the rise of Christianity, and the transformation of the ancient world in Late Antiquity. The class will likely utilize "Reacting to the Past" historical simulations.

**HIST 224 The Middle Ages (4)** A survey of European political, social, and intellectual history from ca. 450 to 1450. Major themes covered include the relationship of church and state, scholasticism, gender roles, feudalism, and the

religious and intellectual diversity of the Middle Ages. The class will likely utilize "Reacting to the Past" historical simulations.

**HIST 226 History of Christianity (4)** An investigation of the history of the Christian Church from its origins in the first century to modern times. The class focuses on the Western Catholic Church in the ancient, medieval, and early modern periods.

**HIST 228 History of Russia (4)** An introduction to Russian history, beginning with its origins in 9th century Kiev, the impact of the Mongol invasion, the rise of Muscovy, the establishment and expansion of the Russian Empire, the rise and fall of the Soviet Union, and the post-Soviet Era. Prerequisite(s): HIST 105 recommended.

**HIST 230 Ireland: A History at Europe's Edge (4)** A study of the island of Ireland from pre-historic times, focusing on its internal development and its relations with England, Europe and its place in the North Atlantic World.

**HIST 232 History of Science and Medicine (4)** This class offers a contextual survey of the history of science and medicine in the west from classical antiquity into the mid-twentieth century. Major topics covered include origins of science in antiquity, the Thomistic synthesis, the Scientific Revolution, the Chemical Revolution, the birth of modern medicine, Natural History and the theory of evolution, and modern physics & astronomy. The course is a vehicle for the integration of science and humanities, especially the question of the historical interaction of the scientific and philosophical/religious mentalities.

**HIST 234 History of World Religions (4)** This course surveys the development of major world religions and their impact on world history. Topics will include Judaism, Christianity, Islam, Buddhism, Jainism, Hinduism, Confucianism, Daoism, Shinto, and discussion of "secular religions." Students will learn about both the theological development of major religions as well as examine "lived religion" in the past. This course includes experiential components.

**HIST 236 Environmental History (4)** A survey course engaging the influence of the natural environment on world history (including climate, plants, animals, and microorganisms) as well as the impact of humans on the natural world. Topics will include early human environmental impacts, biological globalization and resource exploitation, accelerating environmental challenges of industrial and agricultural modernization, the emergence of conservationism and environmentalism, and the contemporary environmental crisis. The course may include a required field experience component visiting regional sites.

**HIST 238 Latin American History (4)** A study of the history and culture of Latin America from the first European contact to the present. Special emphasis is placed on Latin American relations with the United States.

**HIST 300 Historiography (4)** An introduction to the history of historical writing with emphasis on major schools of interpretation in history. This course is not accepted for the General Education Humanities requirement. Prerequisite(s): Twelve (12) credit hours of history coursework.

**HIST 302 History of Britain (4)** Survey of British history from the Middle Ages until the present. This course emphasizes the modern periods. Topics covered include the relationships among the three nations of England, Scotland, and Ireland, the development of constitutionalism, religious conflict, the British Empire overseas, and Britain's role in the World Wars.

**HIST 304 History of China, Japan, and Korea (4)** A study of the cultural, political, and economic development of China, Japan, and Korea with emphasis on the 19th and 20th centuries. Special topics include Confucianism, Daoism, Buddhism, European imperialism, the Communist Revolution, and U.S.-East Asian relations.

**HIST 306 History of India (4)** This course survey's the history of the Indian subcontinent from the first Agricultural Revolution until the present day.

**HIST 310 History of War (4)** This is a variable topics course that will explore the history of different wars. Possible topics include, but are not limited to, the history of the Mexican-American War, the Boer War, WWI, and WWII.

**HIST 312 Variable Topics: American History (4)** Advanced history course engaging focused topics in American political, cultural, and/or cultural history. [Course can be repeated under a different topic.]

**HIST 314 Variable Topics: European History (4)** Advanced history course engaging focused topics in European political, cultural, and/or cultural history. [Course can be repeated under a different topic.]

**HIST 316 Variable Topics: Non-Western History (4)** Advanced history course engaging focused topics in non-Western political, cultural, and/or social history. [Course can be repeated under a different topic.]

**HIST 396 Special Topics in History (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**HIST 397 Internship in History (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**HIST 398 Readings in History (4)** Individually negotiated program of readings on a selected topic established between

instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**HIST 399 Independent Project in History (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**HIST 400 Senior Research Seminar (4)** Senior-level research seminar on selected problems in American, European or world history. The seminar is designed with the intention of cultivating and demonstrating skills in historical research, critical analysis, communication, and presentations. The chief product of the class will be a major research paper based on primary sources that displays awareness of the tradition of historical interpretation in its subject. This course is the history major capstone and therefore all students are required to complete it prior to graduation. Students may take the seminar more than once as long as the topic varies. Prerequisites: At least two history courses (including one from the 200 or 300 level) or the approval of the instructor. All non-majors must seek instructor approval before enrolling. This course is not accepted for the General Education Humanities requirement. Prerequisite(s): Instructor approval.

## **Insignis Program**

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**Jennifer Hess, Ph.D., Program Director**

### **Insignis Courses**

The following courses are open to Insignis Program members only:

**INS 300 Insignis Interdisciplinary Seminar (4)**

**INS 305 Insignis Independent Capstone (4-6)**

**INS 400 Insignis Assistantship (4-6)**

Completion of honors work in twenty-four (24) semester hours, including INS300 and an Insignis Independent Capstone, a senior project or Undergraduate Assistantship are necessary to fulfill requirements of the Insignis Program. Non-Insignis students may be admitted to honors sections of Insignis general education courses by permission of the instructor.

For further information contact the director, Dr. Jennifer Hess, [hessjen@aquinas.edu](mailto:hessjen@aquinas.edu).

### **Course Descriptions**

**INS 300 Insignis Interdisciplinary Seminar (4)** This course will explore intersections between various academic disciplines at requested by the Insignis honors program student membership. Prerequisite(s): Membership in the Insignis Honors Program.

**INS 305 Insignis Independent Capstone (4)** Open to members of the Insignis Honors Program only. Individually-negotiated project of defined nature established by contract between instructor and student. Contracts filed with the Registrar. Prerequisite(s): Membership in the Insignis Honors Program.

**INS 400 Insignis Assistantship (4)** Open to members of the Insignis Honors Program only. Individually-negotiated project of defined nature established by contract between instructor and student. Contracts filed with the Registrar. Prerequisite(s): Membership in the Insignis Honors Program.



# International Studies

Roger Durham, Ph.D., Program Director

## INTERNATIONAL STUDIES MAJOR

Bachelor of Arts

2023-2024

**Major Requirements:** Forty (40) semester hours.

At least twenty (20) semester hours must be taken at Aquinas.

A maximum of sixteen (16) semester hours can be taken in any one department.

A student that is double majoring in International Studies and Political Science may use a maximum of twelve (12) semester hours to fulfill both majors.

Other courses may be substituted to complete the major in advisement with the Director of International Studies.

Only courses with a grade of C or above will count toward the major.

AQUINAS REQUIREMENTS:		GRADE	PREREQUISITES
_____	HIST 105 World History	4.0	_____
_____	POL 180 The World in Crisis	4.0	_____
_____	ECON 200 Economics for the Citizen	4.0	_____
_____	ECON 310 International Economics	4.0	ECON 200
_____	POL 380 American Foreign Policy	4.0	_____
_____	POL 480 International Relations (WI)	4.0	POL 180 or Instructor Consent
_____	INST 400 Senior Capstone in International Studies	4.0	Senior Standing
<b>World Language Proficiency of 301 or higher</b>			
_____	FRE 301 French Conversation & Composition I	4.0	FRE 202
_____	GER 301 Communicating across Differences	4.0	GER 202
_____	SPA 301 Spanish Composition	4.0	SPA 202
<b>Choose one (1) Non-Western Comparative Politics Course:</b>			
_____	POL 312 Politics of Developing Countries	4.0	POL 180 or Instructor Consent
_____	POL 314 Latin American Politics	4.0	POL 180 or Instructor Consent
_____	POL 316 Middle East Politics	4.0	POL 180 or Instructor Consent
_____	POL 318 Variable Topics: Comparative Area Studies	4.0	POL 180 or Instructor Consent
<b>Choose eight (8) semester hours of electives from the following:</b>			
_____	BUS 331 International Business	4.0	_____
_____	BUS 332 Culture in International Business	4.0	_____
_____	ECON 400 Development Economics	4.0	ECON 200
_____	ENGL 254 World Literature in English	4.0	_____
_____	GEO 120 Human Geography	4.0	_____
_____	GEO 130 World Regional Geography	4.0	_____
_____	HIST 212 The Cold War: A Long Twilight Struggle	4.0	_____
_____	HIST 228 History of Russia	4.0	HIST 105
_____	HIST 234 History of World Religions	4.0	_____
_____	HIST 238 Latin American History	4.0	_____
_____	HIST 304 History of China, Japan, & Korea	4.0	_____
_____	HIST 306 History of India	4.0	_____
_____	HIST 310 History of War	4.0	_____
_____	HIST 316 Variable Topics: Non-Western History	4.0	_____
_____	INST 397 Field Experience	4.0	_____
_____	INST 398 Readings	4.0	_____
_____	INST 399 Independent Project	4.0	_____
_____	SOC 105 Cultural Anthropology	4.0	_____

## **Course Descriptions**

**INST 396 Special Topics in International Studies (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**INST 397 Internship in International Studies (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**INST 398 Readings in International Studies (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**INST 399 Independent Project in International Studies (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**INST 400 Senior Capstone in International Studies (4)** This course is designed as a Senior Capstone for International Studies majors, and aims to pull together the threads of students' undergraduate educations and connect them to future professional possibilities. This is particularly important given the interdisciplinary nature of the IS major. This class is part academic, including an examination of academic disciplines, and identifying "What HAVE you been studying for the last four-ish years?" It is also part practical / professional including the creation of a LinkedIn account and updating resumes and CVs. It will include a critical examination and in-depth evaluation of the work produced in various required courses for the major. It will also require the redevelopment and oral defense of a major paper from prior coursework.

Prerequisite(s): Senior class standing.

## **Irish Studies**

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**Michelle DeRose, Ph.D., Program Coordinator**

**Mission Statement.** Built upon the high-impact learning activities of research, internships, and study abroad opportunities, the twenty (20) semester-hour interdisciplinary Irish Studies minor seeks to offer comprehensive understanding of Irish culture in both historical and contemporary contexts.

**Student Learning Outcomes.** Students who complete the Irish Studies minor will demonstrate or attain

1. Students will demonstrate a basic understanding of Irish culture as evolving expressions of Irish identities.
2. Students will have a grasp of Irish history, including literary history.
3. Students will attain a basic understanding of social and political issues operant in Ireland today and in an international context.
4. Student will demonstrate cross-disciplinary training.
5. Student will attain research, study abroad, and/or internship experience.
6. Students will demonstrate an academic preparation adequate to pursue Irish Studies at the graduate level.

# IRISH STUDIES MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least twelve (12) semester hours must be taken at Aquinas.

Only courses with a grade of C- or above will count toward the minor.

Students must maintain a minimum of 2.0 GPA in the minor.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
ENGL 264 Irish Literature	4.0	
HIST 230 Ireland: A History at Europe's Edge	4.0	
<b>Choose one (1) of the following:</b>		
Ireland Study Away: classes chosen from list below	12.0	
IRST 205 Contemporary Social Issues in Ireland	4.0	
IRST 210 Irish Culture & Identity	4.0	
IRST 396 Special Topics in Irish Studies	4.0	
	4.0-	
IRST 397 Internship in Irish Studies	12.0	Coordinator Approval
<b>OR</b>		
	4.0-	
IRST 397 Internship in Irish Studies	12.0	Coordinator Approval
IRST 398 Readings in Irish Studies	4.0	Coordinator Approval
IRST 399 Independent Project in Irish Studies	4.0	Coordinator Approval
<b>Students who do not participate in the Study Away option can fulfill the remaining 8 semester hours of electives from the following:</b>		
ENGL 353 20th Century British & Irish Literature	4.0	ENGL 250
GEO 120 Human Geography	4.0	
HIST 302 History of Britain	4.0	
HIST 218 Saints & Sinners: American Catholics	4.0	
IRST 200 History of Irish Sport	4.0	
<b>Electives that require Department Chair approval:</b>		
CATH 396 Special Topics in Catholic Studies	4.0	
ENGL 254 World Literature in English	4.0	
ENGL 370 Studies in Diversity	4.0	
ENGL 401 Major Authors Seminar	4.0	ENGL 250
ECON 396 Special Topics in Economics	4.0	
HIST 314 Variable Topics in European History	4.0	
IRST 397 Internship in Irish Studies	4.0	
IRST 398 Readings in Irish Studies	4.0	
IRST 399 Independent Project in Irish Studies	4.0	
POL 310 Modern Political Problems Seminar	4.0	POL 180
THEO 396 Special Topics in Theology	4.0	

### **Course Descriptions:**

**IRST 200 History of Irish Sport (4)** This course introduces the history of sports in Ireland and its role in Irish culture from Tailteann Games to present day.

**IRST 205 Contemporary Social Issues in Ireland (4)** This course introduces students to current events and social issues that impact the lives of the Irish today. Special attention is paid to those issues with current topical or local relevance. Course formats include reading, lecture, discussion, research (interview/observation/analysis), film, and guest expertise. Excursions to pertinent sites as selected by the instructor are also included. Topics include identity, religion, nationalism, heritage, tourism, development, family, gender, education, and health. (offered in Ireland)

**IRST 210 Irish Culture and Identity (4)** This course introduces students to various ways Irish identity has been expressed in selected aspects of Irish culture, particularly folk culture and traditions, and how what it means to be Irish changes over time and across various groups. Special emphasis will be paid to the flowering of cultural and national identity as expressed in culture from the late 19th century to today. Excursions to pertinent sites as selected by the instructor are also included. (offered in Ireland)

**IRST 396 Special Topics in Irish Studies (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**IRST 397 Internship in Irish Studies (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**IRST 398 Readings in Irish Studies (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**IRST 399 Independent Project in Irish Studies (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

# Journalism

Daniel J. Brooks, Ph.D., Program Coordinator

## JOURNALISM / PUBLICATIONS MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours in at least 3 different disciplines.

At least twelve (12) semester hours must be taken at Aquinas.

A maximum of six (6) semester hours of internship or field experience may be earned toward the minor with prior approval from the Program Coordinator.

Only courses with a grade of C- or above will count toward the minor.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
ENGL 205 Introduction to Journalism (WI)	4.0	
ENGL 210 Advanced Journalism	4.0	ENGL 205 or Instructor Consent
ENGL 215 Publication Practicum	1.0	Instructor Consent
ENGL 397 Field Experience in Journalism		
<b>OR</b> ENGL 399 Independent Project	3.0	Department Chair Approval
<b>Choose eight (8) semester hours of electives from two different disciplines</b>		
ART 215 Darkroom Photography	4.0	
BUS 205 Principles of Marketing	4.0	
BUS 321 Advertising	4.0	BUS 200, BUS 205
BUS 324 Public Relations	4.0	BUS 205
COM 100 Becoming an Effective Communicator	4.0	
COM 110 Radio & Podcast Production	4.0	
COM 220 Mass Media History & Effects	4.0	
COM 315 (Un)ethical Communication	4.0	
POL 110 Struggle for American Democracy	4.0	
POL 180 The World in Crisis	4.0	
POL 214 News, Media, & Politics	4.0	

Course descriptions are found under departmental entries in this catalog.

# **Kinesiology**

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**Heather Kesselring-Quakenbush, Ph.D., Chair**

**Duane Ambrose, Ed.D.; Scott Brown, Ph.D.; JoAnne Gorant, Ph.D., AT, ATC**

**Mission Statement.** The mission of the Kinesiology Department, in support of the mission of Aquinas College and grounded in the liberal arts tradition, is to prepare each student for a career that promotes movement, activity, and lifelong learning, and the role these factors play in the development of a whole person.

The department of Kinesiology offers interdisciplinary undergraduate majors in the areas of Applied Sport Science, Business Administration/Sport Management, and Clinical Exercise Science. Minors are also offered in the areas of Applied Sport Science, Clinical Exercise Science, and Coaching.

Students are required to maintain a 2.0 G.P.A. in their major with a minimum requirement of C- in any required course in the major. No more than three (3) courses in the major and two (2) courses in the minor may be taken as independent study. Eligibility requirements for internships may be obtained from the department's coordinator of each program. Upon successful completion of requirements, students receive a Bachelor of Science in Business Administration or a Bachelor of Science depending on their major.

## **Applied Sport Science (46 semester hours):**

Completion of the Applied Sport Science major will prepare students to take the National Strength and Conditioning Association's Strength and Conditioning Specialists exam, transition directly into the fitness industry as a personal trainer or strength and conditioning coach, and/or further their education in graduate school in the areas of Exercise Physiology, Exercise/Movement Science, Biomechanics, or Strength & Conditioning.

### **Student Learning Outcomes.**

1. Students will be able to discuss metabolic pathways related to generating energy, interpret acute testing results, and analyze chronic training adaptations in physical activity, exercise, and sport.
2. Students will be able to apply sound theoretical knowledge by assessing functional movements, constructing training programs, evaluating progression, and measuring improvements in their clients/athletes.
3. Students will be able to formulate scientific rationale for exercise selection and decipher appropriate actions from available research, textbook, and social media outlets.
4. Students will be able to implement their coursework in real world settings to prepare them for national certifications, career advancement, and further education.

## **Business Administration and Sports Management Dual (64 semester hours):**

Completion of the Business Administration/Sport Management major prepares you for entry level jobs in the sport industry including but not limited to; tickets sales or game day operations, sales and marketing, manager or coordinator for facilities and events, for all sport industries like professional sports and amateur sports, sport apparel, corporate sponsors and outdoor pursuits.

### **Student Learning Outcomes.**

1. Students will be able to demonstrate competence in the sales processes of needs analysis, presenting solutions, overcoming objections, closing the sales, and after sales customer service needed for entry level positions in the sport industry.
2. Students will be able to demonstrate proficiency in sport event planning and management process including creative design, time framed sequential plans, and evaluation of event success.
3. Students will be able to apply fundamental marketing and promotion concepts to the sport industry and the unique aspects of the sport consumer and sport product markets.

4. Students will be able to identify and analyze risk management concerns in the sport setting and how to mitigate the risk to themselves and the organization.
5. Students will be able to apply the skills learned in their coursework in real world settings while developing their resumes to prepare them for career advancement.

**Clinical Exercise Science (59 semester hours):**

Completion of the Clinical Exercise Science major will prepare students to transition directly into graduate school in the areas of Athletic Training, Physical Therapy, Occupational Therapy, and other orthopedic allied health professions. Often, students work as exercise specialists at area physical therapy clinics while completing their degrees.

**Student Learning Outcomes.**

1. Students will be able to demonstrate advanced knowledge of human anatomy and the skills required for the assessment of the extremities as it applies to identification of common conditions in sport.
2. Students will be able to demonstrate the ability to plan and execute physical fitness programming for various populations and at various stages of injury.
3. Students will be able to exhibit effective communication skills and sound judgment when engaging with peers and clients in both verbal and written documentation.
4. Students will be able to excel in graduate study for the areas of Athletic Training, Physical Therapy, Occupational Therapy, and other orthopedic allied health professions.



# APPLIED SPORT SCIENCE MAJOR

Bachelor of Science

2023-2024

**Major Requirements:** Forty-six (46) semester hours.

At least twenty-four (24) semester hours must be taken at Aquinas.

Only courses with a grade of C- or better will count toward the major.

A GPA of at least 2.0 must be maintained.

## AQUINAS REQUIREMENTS

		GRADE	PREREQUISITES
_____	BIO 115 Human Biology	4.0	_____
_____	KIN 1000 Aerobic Fitness	1.0	_____
_____	KIN 1020 Weight Training	1.0	_____
_____	KIN 201 Emergency Medical Response (First Aid/CPR)	2.0	_____
_____	KIN 225 Surface Anatomy	2.0	_____
_____	KIN 230 Nutrition for Sports Performance	4.0	_____
_____	KIN 235 Physiology of Exercise	4.0	BIO 115 OR BIO 155 w/C- or above (may be corequisite)
_____	KIN 240 Biomechanics	4.0	_____
_____	KIN 310 Motor Learning	2.0	_____
_____	KIN 320 Group Exercise Leadership	2.0	KIN 1000 (may be corequisite)
_____	KIN 325 Administration for the Exercise Science Professional	4.0	_____
_____	KIN 330 Social Media (Mis)Information (WI)	4.0	_____
_____	KIN 431 Basic Strength & Conditioning	2.0	_____
_____	KIN 432 Advanced Strength & Conditioning (SC)	2.0	KIN 1000*, KIN 201*, KIN 235* KIN 431 *may be corequisite
_____	KIN 397 Internship (2 separate internships required)	3.0	Department Chair Approval
_____	KIN 397 Internship (2 separate internships required)	3.0	Department Chair Approval

## OPTIONAL CONCENTRATIONS:

At least eight (8) semester hours must be taken at Aquinas.

Minimum GPA Requirement of 2.0

Only courses with a grade of C- or better will count toward the concentration.

### Pre-Exercise Physiology

**26 Credits**

_____	BIO 155 Human Anatomy & Physiology I	4.0	_____
_____	BIO 156 Human Anatomy & Physiology II	4.0	BIO 155 w/C or higher
_____	CHEM 121 General Chemistry I	4.0	MAT 120 or higher (may be corequisite)
_____	KIN 220 Medical Terminology	2.0	_____
_____	KIN 315 Research Design in an EBP (WI)	4.0	MAT 115 or MAT 205 (may be corequisite)
_____	PHYS 201 General Physics I	4.0	_____
_____	MAT 115 Elementary Statistics	4.0	MAT 100 or higher

### Fitness Entrepreneur

**17 Credits**

_____	CIS 114 Web Page Design	1.0	_____
_____	BUS 200 Principles of Management	4.0	_____
_____	BUS 205 Principles of Marketing	4.0	_____
_____	BUS 315 Entrepreneurship/Small Business Mgmt.	4.0	BUS 200
_____	BUS 322 Digital Marketing	4.0	BUS 205

# BUSINESS ADMINISTRATION AND SPORT MANAGEMENT DUAL MAJOR

Bachelor of Science in Business Administration

2023-2024

**Major Requirements:** Sixty-four (64) semester hours.

At least twenty-four (24) semester hours must be taken at Aquinas.

Only courses with a grade of C- or better will count toward the major.

Minimum GPA Requirement of 2.0 for the major.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
<b>Accounting Coursework</b>		
ACC 201 Intro to Accounting & Financial Analysis	4.0	CIS 111 (may be corequisite)
<b>Business Coursework</b>		
BUS 200 Principles of Management	4.0	
BUS 205 Principles of Marketing	4.0	
BUS 401 Financial Management	4.0	ACC 201, CIS 111, ECON 200, MAT 115
BUS 405 Business Ethics & Social Responsibility	4.0	Junior or Senior Status
BUS 410 Cases in Business Policy (SC)	4.0	BUS 200, BUS 205, BUS 401*
		*may be corequisite
<b>Choose one (1) Communication course</b>		
COM 200 Public Speaking	4.0	
COM 320 Principles of Persuasion	4.0	
<b>Computer Science Coursework</b>		
CIS 111 Spreadsheets	1.0	
CIS 211 Advanced Spreadsheets	1.0	CIS 111
<b>Economics Coursework</b>		
ECON 200 Economics for the Citizen	4.0	
<b>Kinesiology Coursework</b>		
KIN 305 Sport Facility & Event Management	4.0	
KIN 400 Sales & Funding in Sport	4.0	
KIN 405 Marketing & Promoting Sport	4.0	
KIN 410 Sport Law	4.0	
KIN 397 Internship	3.0	Department Chair Approval
KIN 397 Internship	3.0	Department Chair Approval
<b>Choose one (1) Statistics course</b>		
MAT 115 Elementary Statistics	4.0	MAT 100 or higher
MAT 205 Statistics	4.0	MAT 120 or higher
<b>Choose one (1) Writing Intensive course</b>		
HIST 220 History of American Sports (WI)	4.0	
COM 315 (Un)ethical Communication (WI)	4.0	

# CLINICAL EXERCISE SCIENCE MAJOR

Bachelor of Science

2023-2024

**Major Requirements:** Fifty-Nine (59) semester hours.

At least twenty-four (24) semester hours must be taken at Aquinas.

Only courses with a grade of C or better will count toward the major.

Minimum GPA requirement of 2.0 for the major.

AQUINAS REQUIREMENTS		GRADE	PREREQUISITES
_____	BIO 155 Human Anatomy & Physiology I	4.0	_____
_____	BIO 156 Human Anatomy & Physiology II	4.0	BIO 155 w/C or higher
_____	MAT 115 Elementary Statistics	4.0	MAT 100 or higher
_____	KIN 1020 Weight Training	1.0	_____
_____	KIN 201 Emergency Medical Response (First Aid/CPR)	2.0	_____
_____	KIN 220 Medical Terminology	2.0	_____
_____	KIN 225 Surface Anatomy	2.0	_____
_____	KIN 230 Nutrition for Sports Performance	4.0	_____
_____	KIN 235 Physiology of Exercise	4.0	BIO 115 or BIO 155 (may be corequisite)
_____	KIN 240 Biomechanics	4.0	_____
_____	KIN 310 Motor Learning	2.0	_____
_____	KIN 311 Medical Aspects of Athletics	4.0	KIN 225 (may be corequisite)
_____	KIN 312 Therapeutic Exercise	4.0	KIN 240 (may be corequisite)
_____	KIN 315 Research Design in an EBP (WI)	4.0	MAT 115 or MAT 205 (may be corequisite)
_____	KIN 397 Internship	3.0	Department Chair Approval
_____	KIN 397 Internship	3.0	Department Chair Approval
_____	KIN 421 Evaluation Procedures I	2.0	KIN 311 (may be corequisite)
_____	KIN 422 Evaluation Procedures II	2.0	KIN 311 (may be corequisite)
_____	KIN 431 Basic Strength & Conditioning	2.0	_____
_____	KIN 432 Advanced Strength & Conditioning (SC)	2.0	KIN 1000, KIN 201, KIN 235 (may be corequisite) KIN 431

## OPTIONAL CONCENTRATIONS:

At least eight (8) semester hours must be taken at Aquinas.

Minimum GPA Requirement of 2.0

Only courses with a grade of C or better will count toward the concentrations.

### Pre-Athletic Training

_____	BIO 171 Introduction to Cells	4.0	_____
_____	CHEM 121 General Chemistry I	4.0	MAT 120 or higher (may be coreq.)
_____	CHEM 122 General Chemistry II	4.0	CHEM 121
_____	KIN 215 Community Health	4.0	_____
_____	KIN 100 Nutrition, Exercise, & Wellness	4.0	_____
_____	PHYS 201 General Physics I	4.0	_____
_____	PSY 100 Introductory Psychology	4.0	_____

### Pre-Occupational Therapy

_____	BIO 171 Introduction to Cells	4.0	_____
_____	BIO 300 Neuroscience	4.0	BIO 115 OR BIO 171, Sophomore Status, Instructor Consent
_____	PSY 100 Introductory Psychology	4.0	_____
_____	PSY 230 Abnormal Psychology	4.0	PSY 100
_____	Lifespan Development	4.0	_____
_____	SOC 100 Introduction to Sociology	4.0	_____
_____	COM 100 Becoming an Effective Communicator	4.0	_____

**Pre-Physical Therapy**

_____	BIO 171 Introduction to Cells	4.0	_____	_____
_____	CHEM 121 General Chemistry I	4.0	_____	<u>MAT 120 or higher (may be coreq.)</u>
_____	CHEM 122 General Chemistry II	4.0	_____	<u>CHEM 121</u>
_____	PHYS 201 General Physics I	4.0	_____	_____
_____	PHYS 202 General Physics II	4.0	_____	<u>PHYS 201</u>
_____	PSY 100 Introductory Psychology	4.0	_____	_____
_____	Lifespan Development	4.0	_____	_____

Outcome assessment for Clinical Exercise Science: Feedback from course surveys, exit interviews, alumni surveys, graduate school acceptance rates and rate of employment in the field for recent graduates.

## ATHLETIC COACHING MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least nine (9) semester hours must be taken at Aquinas.

This minor is designed for students interested in coaching.

A GPA of at least 2.0 must be maintained.

Only courses with a grade of C- or better will count toward the minor.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
KIN 1000 Aerobic Fitness	1.0	
KIN 1020 Weight Training	1.0	
KIN 201 Emergency Medical Response (First Aid/CPR)	2.0	
KIN 205 Sports Techniques and Research	4.0	
KIN 210 Theory of Coaching	4.0	
KIN 300 Psychology of Sport	4.0	PSY 100 recommended
KIN 311 Medical Aspects of Athletics	4.0	KIN 225 (may be corequisite)

## APPLIED SPORT SCIENCE MINOR

2023-2024

**Minor requirements:** Twenty-four (24) semester hours.

At least nine (9) semester hours must be taken at Aquinas.

This minor is not available for Clinical Exercise Science or Applied Sport Science majors.

A GPA of at least 2.0 must be maintained.

Only courses with a grade of C- or better will count toward the minor.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
BIO 115 Human Biology	4.0	
KIN 1000 Aerobic Fitness	1.0	
KIN 1020 Weight Training	1.0	
KIN 201 Emergency Medical Response (First Aid/CPR)	2.0	
KIN 225 Surface Anatomy	2.0	
KIN 235 Physiology of Exercise	4.0	BIO 115 or BIO 155 w/C- or above (may be corequisite)
KIN 240 Biomechanics	4.0	
KIN 320 Group Exercise Leadership	2.0	KIN 1000
KIN 431 Basic Strength & Conditioning	2.0	
KIN 432 Advanced Strength & Conditioning (SC)	2.0	KIN 1000, KIN 201, KIN 235 (may be corequisite) KIN 431

# CLINICAL EXERCISE SCIENCE MINOR

2023-2024

**Minor Requirements:** Twenty-two (22) semester hours.

At least nine (9) semester hours must be taken at Aquinas.

This minor is not available to Clinical Exercise Science or Applied Sport Science majors.

A GPA of at least 2.0 must be maintained.

Only courses with a grade of C or better will count toward the minor.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ KIN 201 Emergency Medical Response (First Aid/CPR)	2.0	_____
_____ KIN 220 Medical Terminology	2.0	_____
_____ KIN 225 Surface Anatomy	2.0	_____
_____ KIN 240 Biomechanics	4.0	_____ MAT 110 or higher
_____ KIN 311 Medical Aspects of Athletics	4.0	_____ KIN 225 (may be corequisite)
_____ KIN 312 Therapeutic Exercise	4.0	_____ KIN 240 (may be corequisite)
_____ KIN 421 Evaluation Procedures I	2.0	_____ KIN 311 (may be corequisite)
_____ KIN 422 Evaluation Procedures II	2.0	_____ KIN 311 (may be corequisite)

## **Course Descriptions:**

**KIN 100 Nutrition, Exercise, Stress & Wellness (4)** Topics of nutrition, exercise, stress, sleep, substance abuse as well as prevention of heart disease, cancer, and diabetes will be explored. Students will analyze their nutritional habits, conduct a personal fitness assessment, develop a personalized exercise plan, and engage in light fitness activities.

**KIN 201 Emergency Medical Response A (2)** Introduction to theory and methods of first aid including CPR and other emergency techniques and procedures. The American Red Cross Emergency Medical Response course is offered.

**KIN 202 Emergency Medical Response B (2)** Emergency Medical Response semester B - Recertification  
Prerequisite(s): KIN 201.

**KIN 205 Sports Techniques (4)** This course is designed to give students the basic skills needed to teach or coach any team or individual sport (invasion games, net/wall, target, field & run scoring games) to students-players in a variety of settings from K-12 to college athletics. Discussions and application will center on sport concepts, rules, skills, strategies, task analysis and cues, teaching progressions, pedagogical techniques for skills and strategies, and lesson (practice) planning for sports education. Students will explore how to use technology to be a better teacher or coach. The learning environment is part lecture and discussion with extensive hands-on learning exploring different individual and team sports.

**KIN 210 Theory of Coaching (4)** This course is designed to introduce and develop the skills and mindset needed to become a successful coach. It is intended to provide the foundation for those who wish to become an entry level coach. Through a series of readings, lectures, discussions, classroom activities, and out of class projects the learners will gain insight into the many activities a coach performs. Differences in levels of competitive sport coaching are explored including youth house and travel, junior high and high school, and the college and professional levels. There is an emphasis on a philosophy-value based approach to coaching where ethics are discussed as they pertain to the practices and behaviors coaches exhibit. There is also an emphasis on the coach as a teacher and the pedagogical practices that coaches should employ.

**KIN 215 Community Health (4)** This course considers both the macro and micro perspectives of the public health system. Students will learn how the public health system is designed, evaluated, funded and how it functions at the federal, state, and local level and how these three systems are integrated. Private health promotion, self-care and demand management will also be explored.

**KIN 220 Medical Terminology (2)** Medical terminology precisely describes the human body including all its components, processes, conditions affecting it, and procedures performed upon it. This course provides students proficiency in the "language of medicine".

**KIN 225 Surface Anatomy (2)** This course is designed to introduce students to the bones and landmarks, joints and movements, and the muscles of the human body.

**KIN 230 Nutrition for Sport Performance (4)** An introduction to the basic principles of nutrition with an emphasis on the role that nutrition plays in the physiological response to exercise in sport. This includes the composition of pre, during and post physical activity meals, the role that nutrients play in performance, disordered eating, and food as an ergogenic aid. The students will engage in group activities designed to enhance trainer/client to clinician/patient verbal and written communication, construct nutrition plans based on clients individual needs and be able to explain the relevance of their choices based in evidence found in research.

**KIN 235 Physiology of Exercise (4)** The study of acute and chronic physiological responses to exercise and sport. Emphasis will be placed on informing students about bioenergetics, exercise metabolism, energy expenditure, neuromuscular and endocrine response, and cardiovascular and pulmonary adaptations to training. Accompanying laboratory activities will enable students to practice a deeper understanding of heart function (sphygmomanometry), lung function (spirometry), blood lactate accumulation (lactate threshold), anaerobic fitness (Wingate), and maximal oxygen consumption (VO<sub>2</sub>max). Lab required. Corequisite or Prerequisite(s): BIO 115 or BIO 155 with C- or above.

**KIN 240 Biomechanics (4)** The application of mechanical principles to the human body during exercise and sport. Rigid-body mechanics (statics and dynamics), force and motion (kinetics and kinematics), and analysis (qualitative and quantitative) of human movement will inform students of importance of biomechanics in everyday life. Students will practice their understanding of speed, acceleration, impulse, momentum, work, power, energy, and friction with laboratory activities covering planes, axes, and levers during motion, gait analysis in walking and running, linear and angular assessment of sport movements, and stability and balance corrective techniques. Mastery in biomechanical principles will be displayed with the presentation of a final group project.

**KIN 245 Nutrition for Nurses (3)** Basic principles of nutrition and its application to health and wellness as it relates to practitioners in the nursing field. Open to UDM students only.

**KIN 300 Psychology of Sport (4)** The course examines the psychological aspects of athletic participation and performance, coaching/motivating athletes, and the psychological aspects of sport injury and rehabilitation. Case studies will be analyzed.

**KIN 305 Sport Facility and Event Management (4)** This course is a comprehensive overview of facility and event management in sport business. Students will explore the relationship between facilities and events as well as the distinctions between them in a variety of sport settings: professional sport, education athletics, and the club industry. Students will tour local sports facilities and learn from industry managers. This is a project based class where entry level job skills are developed through creating facilities and events management plans.

**KIN 310 Motor Learning (2)** Designed to provide students with the knowledge and understanding of human growth, development, and motor learning. Emphasis is placed on the theories of motor learning and how they relate to sport skill acquisition and refinement. Learning occurs through lectures, discussions and labs.

**KIN 311 Medical Aspects of Athletics (4)** Using principles involved in theories of conditioning, students will be introduced to prevention of injuries and procedures for handling common athletic injuries as they occur. Includes basic taping, injury recognition, evaluation and acute care. The students will engage in group lab work to hone their skills in taping, evaluation and acute care. These laboratory experiences will focus on building peer to peer communication skills and enhance trainer/client to clinician/patient verbal and written communications and problem solving. Corequisite or Prerequisite(s): KIN 225.

**KIN 312 Therapeutic Exercise (4)** This course is designed to educate students in the role that therapeutic exercise plays in the successful return of athletes to sports. Through lecture and lab, students will examine how principles of conditioning and balanced this knowledge with the phases of tissue healing. Students will master the ability to recognize the stage of healing, collaborate with rehab professionals to institute exercise programs based on client evaluations and special needs. Corequisite or Prerequisite(s): KIN 240.

**KIN 315 Research & Design in an EBP World (4)** Introduction to the research process and how research fits into clinical practice though better understanding of: scientific method, analysis of common research designs, and outcome measures. The course will also examine the importance of clinician/patient based research and how to write a research proposal. This course is designed to help students prepare for graduate education. The course will be in a mixed format including lecture, lab, small group and individual instruction. Corequisite or Prerequisite(s): MAT 115 or MAT 205.

**KIN 320 Group Exercise Leadership (2)** This course is designed to develop the knowledge, skills and confidence needed to teach group exercise classes in a fitness setting. Students will learn about exercise modalities, cueing, transitions, music selection and tempo. Preparation for ACSM certification is included. Corequisite or Prerequisite(s): KIN 1000.

**KIN 325 Administration of Exercise/Fitness (4)** Administrative theory and practice in the areas of budgeting, human resource processes, facility planning, risk management, inventory management, event management, and marketing. Experiential learning includes field trips and hands on projects in facility design, event planning and marketing.

**KIN 330 Social Media (Mis)Information (4)** This course will help students navigate through the vast network of online/social media based fitness trends to identify quality activities and exercises. Students will formulate appropriate and well-developed questions, apply an investigative approach to answer the questions using sound rationale, synthesize the available scientific literature, and establish educated conclusions in their search for health and fitness truths. As a writing intensive course, students will have several opportunities to reflect on interviews and content across platforms, source and scrutinize current information, and construct personalized social media information philosophies as they relate to the health and fitness industry.

**KIN 396 Special Topics in Kinesiology (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**KIN 397 Internship in Kinesiology (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**KIN 398 Readings in Kinesiology (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**KIN 399 Independent Project in Kinesiology (4)** Individually negotiated project in a selected area established



between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**KIN 400 Sales and Funding in Sport (4)** Students will develop entry level skills in the sales process and the fundraising function through applied projects in the course. The course will focus on the overarching sales process then take a deeper exploration into ticket and sponsorship sales. Distinctions will be made for the varied tiers of professional sport, educational athletics, the club industry, and sport product sales. Further, the class will delve into the advancement process and consider how the technique varies from the selling process.

**KIN 405 Marketing and Promoting Sport (4)** This course is a comprehensive overview of marketing, promotion and public relations in sport business. Distinctions will be made for the varied sport settings of top tier professional sports teams and the minor leagues. In addition students look at education athletics, the club industry, recreation, sports manufacturing and the retail world. Project based learning is used with the varied settings to develop entry level job skills.

**KIN 410 Sport Law (4)** An examination of legal principles in sport that lead to situations, problem solving and decision making in sport management. Course includes work in case studies and contract development.

**KIN 421 Evaluation I (2)** Lower extremity assessment for muscle and joint athletic injuries with clinical decision-making and proficiency in patient and peer communication. Corequisite(s) or Prerequisite(s): KIN 311.

**KIN 422 Evaluation II (2)** Upper extremity assessment for muscle and joint athletic injuries with clinical decision-making and proficiency in patient and peer communication. Corequisite(s) or Prerequisite(s): KIN 311.

**KIN 431 Basic Strength & Conditioning (2)** This course focuses on developing skills in an applied strength and conditioning setting. Topics will cover human anatomy and exercise physiology, bioenergetics and endocrine response, biomechanics of sport movement, anaerobic and aerobic adaptation, warm-up, cool-down, and flexibility structure, and periodization. Hands-on laboratory exercises will allow students to practice assessing an athlete's body composition, flexibility, balance, anaerobic fitness, aerobic fitness, agility, power, and strength.

**KIN 432 Advanced Strength & Conditioning (2)** Practice the skills necessary for competency as a strength and conditioning specialist with topics covering program design, body position and form instruction, coaching cues, and technique correction. Students will be given the opportunity to master their skills and communication with the senior capstone project which includes a one-on-one interview with an assigned student-athlete/classmate to develop a needs analysis, exercise selection, warm-up progression, pre- and post-test assessment, and micro-, meso-, and macrocycle. Students can then take ownership in their project by delivering their five-week mesocycle to their assigned student-athlete/classmate as they become a real strength and conditioning specialist. At the conclusion of this course, students will be prepared to take the National Strength and Conditioning Association's Certified Personal Trainers (NSCA-CPT®) and Certified Strength and Conditioning Specialists® (CSCS®) exams. Prerequisite(s): KIN 431. Corequisite(s): KIN 1000, KIN 201, KIN 235.

**KIN 433 Exercise Testing and Prescription (2)** Students will practice their understanding of exercise prescription for children and adolescents, older adults, pregnancy, low back pain, patients with cardiac, peripheral, cerebrovascular, and pulmonary disease, individuals with metabolic disease and cardiovascular disease risk factors, and populations with other chronic diseases and health conditions. Mastery will come from translating client goals and initial assessments to exercise program design and prescription. Students will be able to competently demonstrate and deliver a range of exercise modalities using professional skills and communication and alter the exercise prescription based on the client's needs. At the conclusion of this course, students will be prepared to take the American College of Sports Medicine's Certified Personal Trainers® (ACSM-CPT®) and Certified Exercise Physiologists® (ACSM-EP®) exams. Prerequisite(s): KIN 432.

**KIN 1000 Aerobic Fitness Activity A (1)** This course is designed to improve muscular endurance and definition and cardiovascular fitness through a mix of activities. Class sessions involve exercising all major muscle groups in one continuous cycle, alternating between different muscle groups to allow for muscle recovery while challenging the cardiovascular system.

**KIN 1001 Aerobic Fitness Activity B (1)** Aerobic Fitness activity semester B. Prerequisite(s): KIN 1000.

**KIN 1002 Aerobic Fitness Activity C (1)** Aerobic Fitness activity semester C. Prerequisite(s): KIN 1001.

**KIN 1003 Aerobic Fitness Activity D (1)** Aerobic Fitness activity semester D. Prerequisite(s): KIN 1002.

**KIN 1004 Core Fusion Activity A (1)** A blend of yoga and core strengthening. The yoga work will focus on elongating hamstrings, opening hip muscles and connecting breath with movement through flow. The core work comes from Pilates which is a method of strengthening the body in a way that helps the body move freely in its natural state. This combination of Yoga/Pilates will teach the student how to move from the center of the body in order to strengthen, elongate and protect the body.

**KIN 1005 Core Fusion Activity B (1)** Core fusion activity semester B. Prerequisite(s): KIN 1004.

**KIN 1006 Core Fusion Activity C (1)** Core fusion activity semester C. Prerequisite(s): KIN 1005.

**KIN 1007 Core Fusion Activity D (1)** Core fusion activity semester D. Prerequisite(s): KIN 1006.

**KIN 1008 Fencing Activity A (1)** Students will learn the essential techniques of modern fencing: the foot moves, blade work, and confetti-cutting skills of épée-, foil-, and saber-style fencing. Each session is designed to improve mind-body coordination and flexibility while providing aerobic exercise.

**KIN 1009 Fencing Activity B (1)** Fencing Activity semester B. Prerequisite(s): KIN 1008.

**KIN 1010 Fencing Activity C (1)** Fencing Activity semester C. Prerequisite(s): KIN 1009.

**KIN 1011 Fencing Activity D (1)** Fencing Activity semester D. Prerequisite(s): KIN 1010.

**KIN 1012 Hiking Activity A (1)** Students will hike on a variety of trails around west Michigan of varying length and difficulty. Students will learn hiking safety and preparedness while reflecting on the physical and mental benefits of the activity.

**KIN 1013 Hiking Activity B (1)** Hiking activity semester B. Prerequisite(s): KIN 1012.

**KIN 1014 Hiking Activity C (1)** Hiking activity semester C. Prerequisite(s): KIN 1013.

**KIN 1015 Hiking Activity D (1)** Hiking activity semester D. Prerequisite(s): KIN 1014.

**KIN 1016 Recreational Cycling Activity A (1)** Students will ride bicycles on a variety of outdoor trails around west Michigan at a recreational speed and learn bicycle maintenance and safety. AQ Bikes rental is included in the course.

**KIN 1017 Recreational Cycling Activity B (1)** Recreational Cycling activity semester B. Prerequisite(s): KIN 1016.

**KIN 1018 Recreational Cycling Activity C (1)** Recreational Cycling activity semester C. Prerequisite(s): KIN 1017.

**KIN 1019 Recreational Cycling Activity D (1)** Recreational Cycling activity semester D. Prerequisite(s): KIN 1018.

**KIN 1020 Weight Training Activity A (1)** An introduction to the fitness center and overview of weight training principles. This course is designed to help build a basic understanding of weight room etiquette, machine and free weight usage, weight training theory and practice, and implementation for self-improvement. Exercise knowledge, personal accountability, and self-confidence in the fitness center will be a primary focus of the course. Students will range from beginners to advanced.

**KIN 1021 Weight Training Activity B (1)** Weight Training activity semester B. Prerequisite(s): KIN 1020.

**KIN 1022 Weight Training Activity C (1)** Weight Training activity semester C. Prerequisite(s): KIN 1021.

**KIN 1023 Weight Training Activity D (1)** Weight Training activity semester D. Prerequisite(s): KIN 1022.

**KIN 1024 Yoga Activity A (1)** The word yoga means “union”. The essence of yoga is to unify the body, breath and mind, to awaken to a renewed sense of balance and harmony. The course will introduce students to basic yoga poses, proper alignment and breathing techniques that will facilitate the development of this union.

**KIN 1025 Yoga Activity B (1)** Yoga activity semester B. Prerequisite(s): KIN 1024.

**KIN 1026 Yoga Activity C (1)** Yoga activity semester C. Prerequisite(s): KIN 1025.

**KIN 1027 Yoga Activity D (1)** Yoga activity semester D. Prerequisite(s): KIN 1026.

**KIN 1028 Meditation for Stress Relief A (1)** This is a contemplative course that analyzes the mind and its workings which is central to the practice of meditation. Meditation encourages watching the mind and accepting what is, in order to free the mind of distractions which cause emotional and physical suffering. Through direct experience, students will gain a deeper understanding of the mind and how their own thoughts and feelings affect them. Through the techniques offered in this class, students will create an internal sense of acceptance, calm, and well being.

**KIN 1029 Meditation for Stress Relief B (1)** Meditation for Stress Relief semester B. Prerequisite(s): KIN 1028.

**KIN 1030 Meditation for Stress Relief C (1)** Meditation for Stress Relief semester C. Prerequisite(s): KIN 1029.

**KIN 1031 Meditation for Stress Relief D (1)** Meditation for Stress Relief semester D. Prerequisite(s): KIN 1030.

**KIN 1032 Ballroom Dancing Activity A (2)** An introductory course covering various American Standard Ballroom Dance styles including Waltz, Foxtrot, Tango, Cha Cha and Swing. Students will learn basic patterns and variations for each along with concentration on form, posture, dance etiquette and style.

**KIN 1033 Ballroom Dancing Activity B (2)** Ballroom dancing activity semester B. Prerequisite(s): KIN 1032.

**KIN 1034 Folk and Square Dance Activity A (2)** Students will learn and practice in the basic steps of folk and square dance. Students will gain insight into the cultural and historical perspective of each country’s dance style. The ability to gradually perform more technical dance steps and routines will be emphasized.

**KIN 1035 Folk and Square Dance Activity B (2)** Folk and Square Dance activity semester B. Prerequisite(s): KIN 1034.

**KIN 1040 Intercollegiate Athletics I (1)** Credit awarded to in-season varsity athletes who participate in intercollegiate athletics.

**KIN 1041 Intercollegiate Athletics II (1)** Credit awarded to in-season varsity athletes who participate in intercollegiate athletics. Prerequisite(s): KIN 1040.

## **Legal Studies**

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**Bradford Winkler, J.D., Program Coordinator**

Contact the Program Coordinator during your first year.

**Legal Studies Minor.** This interdisciplinary minor is designed for students who are seeking to gain a greater understanding of the role of law in our society. In addition, the program is designed for students who are interested in pursuing graduate studies in law or law related careers (e.g. politics, business, law enforcement, and government work).

Full course descriptions are available within the departmental entries in this catalog.

Unlike pre-health programs that contain specific courses, some obligatory, there is no recommended set of pre-law courses. Law schools prefer that you reserve your legal study for law school and fill your undergraduate curriculum with broad, diverse, and challenging courses.

**Student Learning Outcomes.** There are generic types of knowledge that one should possess in order to have a full appreciation of the legal system in general, to understand how disputes might be resolved, to understand and apply various legal principles and standards, and to appreciate the context in which a legal problem or dispute arises.

1. Students will demonstrate a broad understanding of history (particularly American).
2. Students will demonstrate a fundamental understanding of political thought and philosophy.
3. Students will demonstrate a basic understanding of ethical theory and theories of justice.
4. Students will demonstrate a grounding in economics, particularly elementary micro-economic theory.
5. Students will demonstrate some basic mathematical and financial skills.
6. Students will demonstrate a basic understanding of human behavior and social interaction.
7. Students will demonstrate an understanding of diverse cultures within and beyond the United States.
8. Students will demonstrate skills in writing, oral communication, and general research.

Completion of a four-year degree is preferred. Students should not take the Credit/No Credit option for any letter-graded courses.

Satisfactory completion of the Law School Admissions Test (LSAT) is required. The College offers free practice tests each semester. PHIL 200 (Logic) is recommended.

Students should also maintain a grade-point-average of 3.0 or better for a reasonable chance of admission to law school.

Pre-Law students are encouraged to join the student Pre-Law Club which provides speakers, forums, and activities involving the legal profession.

Aquinas College offers a course entitled "Moot Court," where Aquinas teams compete against other undergraduate schools in federal appellate advocacy at tournaments sponsored by the Intercollegiate Moot Court Association.

# LEGAL STUDIES MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least twelve (12) semester hours must be taken at Aquinas.

Only courses with a grade of C- or better will count toward the minor.

Students must maintain a minimum of 2.0 GPA in the minor.

## AQUINAS REQUIREMENTS

## GRADE

## PREREQUISITES

_____	BUS 300 The Legal Environment of Business	4.0	_____	_____
_____	POL 305 Constitutional Law- Civil Rights	4.0	_____	_____
_____	POL 307 Moot Court	4.0	_____	_____

## Choose two (2) courses from the following:

_____	KIN 410 Sport Law	4.0	_____	_____
_____	PHIL 210 What is Justice?	4.0	_____	_____
_____	SOC 220 Criminology	4.0	_____	_____

# Mathematics

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Joseph Fox, Ph.D.; Chair

Shari Ann McCarty, Ed.D.; Yashowanto Ghosh, Ph.D.; Michael McDaniel, Ph.D.; Joseph J. Spencer, Ph.D.

**Mission Statement.** The mission of the Mathematics Department at Aquinas College is directly linked to the mission of the college in that it provides a program for all students that is an essential part of a liberal arts education. It promotes the study of mathematics in depth in preparation for graduate school or an immediate career, supports the mathematical needs of other disciplines, and supplies a curriculum for all students to enhance their understanding of mathematical thought.

All students must take a placement test in mathematics prior to registration for their first mathematics course at Aquinas College.

Once credit has been earned for a mathematics course, credit will not be accepted for courses that are considered lower-level without prior written approval from the Mathematics Department.

**Program requirements.** Each mathematics major or minor requires departmental approval.

To qualify for either a major or a minor in mathematics a student must have, at graduation time, a cumulative G.P.A. of C+ (2.3) or higher in those courses which they are using to fulfill the major or minor requirements. No course with a grade below a C- will count toward the mathematics major or minor.

Upper-division courses (300–400 level) generally are offered on alternate years. Check with the Mathematics Department for course offerings.

**Credit/No Credit.** Only courses which are not to be applied toward a mathematics major or minor, or to fulfill requirements in other content areas, may be taken on a Credit/No Credit basis.

## Student Learning Outcomes.

1. Students will be able to approach complex problems with creativity and persistence.
2. Students will be able to give an insightful statement about how mathematics fits into a liberal arts curriculum.
3. Students will be able to verbally explain and discuss mathematics using precise language and an audience-appropriate delivery.
4. Students will be able to produce mathematical writing that uses proper terminology, notation, and proof techniques.
5. Students will be able to provide several specific examples of connections among various branches of mathematics, such as calculus, linear algebra, and abstract algebra.
6. Students will be able to effectively use technology to support mathematical inquiry.

## **Teaching Mathematics**

### **Education Requirements**

**Secondary Level (6–12 certification):** Students seeking secondary mathematics teaching certification must fulfill all requirements for the mathematics major or minor described above. In addition to the other requirements for the major or minor, all students earning secondary mathematics teaching certification must include **MAT 225, MAT 305, MAT 400, and either MAT 205 or both of MAT 411 and MAT 412 among their major/minor electives.** The School of Education requires that all courses taken as a requirement for certification are completed with at least a C.

**Elementary Level (K-6 certification):** Students seeking elementary mathematics teaching certification must fulfill all requirements for the mathematics major or minor, described above. In addition to the other requirements for the major or minor, all students earning elementary teaching certification must include **MAT 305 and either MAT 205 or both of MAT 411 and MAT 412** among their major/minor electives. In addition to the courses required for the major or minor, certification candidates must also complete MAT 105, MAT 201, and MAT 202. The School of Education requires that all courses taken as a requirement for certification are completed with at least a C.

**Credit/No Credit.** Only courses which are not to be applied toward a mathematics major or minor, or to fulfill requirements in other content areas, may be taken on a Credit/No Credit basis.

# MATHEMATICS MAJOR

*Bachelor of Science*

2023-2024

**Major Requirements:** Thirty-six (36) semester hours.

At least sixteen (16) semester hours must be taken at Aquinas.

A cumulative GPA of 2.3 is required for the major.

Only courses with a grade of C- or better will count toward the major. Students pursuing a secondary mathematics certification must have a C or better in each course.

Students pursuing a secondary mathematics certification should take the following electives: MAT205 or MAT412, MAT225, MAT305, and MAT400

## AQUINAS REQUIREMENTS

		GRADE	PREREQUISITES
_____	MAT 121 Calculus I	4.0	MAT 120
_____	MAT 122 Calculus II	4.0	MAT 121
_____	MAT 221 Multivariate Calculus	4.0	MAT 122
_____	MAT 230 Linear Algebra	4.0	MAT 122
_____	MAT 315 Abstract Algebra (WI)	4.0	MAT 230
_____	MAT 420 Mathematics Capstone (SC)	4.0	Junior or Senior Status

## Choose twelve (12) semester hours from the following:

_____	MAT 210 Data Analysis with R	4.0	
_____	MAT 225 Discrete Mathematics	4.0	MAT 121
_____	MAT 235 Differential Equations	4.0	MAT 221
_____	MAT 305 History of Mathematics	4.0	MAT 122
_____	MAT 310 Number Theory	4.0	MAT 122
_____	MAT 320 Linear Regression	4.0	MAT 230, MAT 205 or MAT 412
_____	MAT 400 Topics in Geometry	4.0	MAT 122
_____	MAT 405 Real Analysis	4.0	MAT 221
_____	MAT 410 Applied Data Science	4.0	MAT 205 or MAT 412
_____	MAT 411 Probability	4.0	MAT 221
_____	MAT 412 Mathematics Statistics	4.0	MAT 411



# MATHEMATICS MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least ten (10) semester hours must be taken at Aquinas.

A cumulative GPA of 2.3 is required for the minor.

Only courses with a grade of C- or better will count toward the minor. Students pursuing a secondary mathematics certification must have a C or better in each course.

Students pursuing a secondary mathematics certification should take the following electives: MAT205 or MAT412, MAT225, MAT305, and MAT400

## AQUINAS REQUIREMENTS

## GRADE

## PREREQUISITES

_____	MAT 121 Calculus I	4.0	_____	MAT 120
_____	MAT 122 Calculus II	4.0	_____	MAT 121

## Choose twelve (12) semester hours from the following:

_____	MAT 120 Precalculus	4.0	_____	MAT 110
_____	MAT 205 Statistics	4.0	_____	MAT 120 or higher
_____	MAT 221 Data Analysis with R	4.0	_____	
_____	MAT 221 Multivariate Calculus	4.0	_____	MAT 122
_____	MAT 225 Discrete Mathematics	4.0	_____	MAT 121
_____	MAT 230 Linear Algebra	4.0	_____	MAT 122
_____	MAT 235 Differential Equations	4.0	_____	MAT 221
_____	MAT 305 History of Mathematics	4.0	_____	MAT 122
_____	MAT 310 Number Theory	4.0	_____	MAT 122
_____	MAT 315 Abstract Algebra (WI)	4.0	_____	MAT 230
_____	MAT 320 Linear Regression	4.0	_____	MAT 230, MAT 205 or MAT 412
_____	MAT 400 Topics in Geometry	4.0	_____	MAT 122
_____	MAT 405 Real Analysis	4.0	_____	MAT 221
_____	MAT 410 Applied Data Science	4.0	_____	MAT 205 or MAT 412
_____	MAT 411 Probability	4.0	_____	MAT 221
_____	MAT 412 Mathematics Statistics	4.0	_____	MAT 411
_____	MAT 420 Mathematics Capstone	4.0	_____	Junior or Senior Status

## **Course Descriptions:**

**MAT 100 Mathematics Foundations (2)** A course designed to provide the mathematical foundation and personal confidence needed for Modeling with Algebra and the algebra-based courses that follow it. The course will develop elementary algebra skills such as using properties of the real numbers, graphing linear equations, solving linear and quadratic equations, solving systems of linear equations, working with polynomials, and factoring. There will also be a focus on applications of these skills.

**MAT 105 Mathematics for the Liberal Arts (4)** A course that provides an opportunity for students to see mathematics used in ways not emphasized in traditional algebra-based courses. This is a survey of topics designed to introduce students to the methods of critical thinking, problem solving, analysis, proficient communication, ethical thought, and sustainability through mathematical models and other tools. Topics may include using probability to understand randomness and chance, the mathematics of infinity, topology, mathematical modeling with graph theory, and connections between mathematics and the arts, humanities, and social sciences.

**MAT 110 Modeling with Algebra (4)** A development of intermediate algebra stressing real life data, problem solving, and the use of technology to aid in mathematical understanding. Students will work with equations, systems of equations, and functions that arise from mathematical models. Topics include linear, quadratic, polynomial, exponential, and logarithmic functions as well as algebraic properties of exponents and logarithms, roots, polynomials, and rational expressions. Prerequisite(s): MAT 100 with C or above or sufficient placement test score.

**MAT 115 Elementary Statistics (4)** An introduction to statistics designed for students who have had no more than two years of high-school mathematics. Topics includes the fundamental concepts of descriptive and inferential statistics such as describing qualitative and quantitative characteristics of data, probability distributions, data collection, and statistical inference. Prerequisite(s): MAT 100 with C or above or sufficient placement test score.

**MAT 120 Precalculus (4)** A preparation for calculus focusing on various types of functions and trigonometry. Topics include polynomial functions; transformations of functions; systems of linear equations and inequalities; and polynomial, rational, exponential, logarithmic, and trigonometric functions. Prerequisite(s): MAT 110 or sufficient placement test score.

**MAT 121 Calculus I (4)** A first semester course in calculus suitable for mathematics majors. Topics include a review of functions and trigonometry; an introduction to limits; derivatives of polynomial, rational, trigonometric, exponential, and logarithmic functions; optimization and other applications; and integration (including the Fundamental Theorem of Calculus and the Substitution Method) and its applications in geometry and physics. Prerequisite(s): MAT 120 or sufficient placement test score.

**MAT 122 Calculus II (4)** A continuation of MS 121 (Calculus I). Topics include derivatives of inverse trigonometric and hyperbolic functions; integration techniques, including substitution, integration by parts, partial fractions, and trigonometric substitution; approximate integration; improper integrals; applications of definite integrals; the calculus of parametric and polar curves; infinite series and their convergence tests; and power series and their applications. Prerequisite(s): MAT 121.

**MAT 201 Math for Lower Elementary Teachers (4)** A course for future elementary teachers that merges mathematical content and pedagogical knowledge with specific attention to the cognitive, physical, behavioral, social, and emotional needs of children in grades pre-kindergarten through 3. Content areas covered include counting and cardinality; operations (addition, subtraction, and foundational ideas for multiplication); initial place value and regrouping concepts; measurement and data (time, money, relative positions, lengths in metric and standard); and geometry (naming shapes, shape composition, shapes in the real world, composition/decompositions of shapes, 2D and 3D shapes). This course will expose students to various curricular resources, assessment tools, and instructional technology to promote active engagement and give direction to instruction. A minimum of 12 clinical experience hours are required for this course. Prerequisite(s): MAT 105 and EDUC 200.

**MAT 202 Math for Upper Elementary Teachers (4)** A course for future elementary teachers that merges mathematical content and pedagogical knowledge with specific attention to the cognitive, physical, behavioral, social, and emotional needs of children in grades 3 through 6. Content areas covered include place value (multi-digit operations, base 10 and other bases); multiplication and division (factors, multiples, area model, distributive property, commutative property, order of operations, and inverse operations); fractions (unit fractions, equivalent fractions, relationship to decimal equivalents, operations with fractions and proportional reasoning); geometry (area, perimeter, volume, angle measure, shapes, and attributes); and arithmetic patterns (setting up for algebraic thinking). This course will also expose students to various curricular resources, assessment tools, and instructional technology to promote age-appropriate active engagement and give direction to instruction. A minimum of 12 clinical hours are required for this course. Prerequisite(s): MAT 105 and EDUC 200.

**MAT 205 Statistics (4)** A statistics course for students who have had at least three years of high-school mathematics. Topics to be covered include frequency distributions, variability, probability, sampling, estimation, testing of hypotheses, analysis of variance, regression and correlation analysis, nonparametric tests, bootstrap methods, and permutation tests. Prerequisite(s): MAT 120 or sufficient placement test score.

**MAT 210 Data Analysis with R (4)** A project-based introduction to data analysis using the statistical programming language R. Topics include data visualization, data transformation, importing data and performing exploratory data analysis, writing scripts to customize an analysis, and statistical modeling via linear regression. Throughout, there will be an emphasis on best practices in communicating data analyses.

**MAT 221 Multivariable Calculus (4)** An exploration of the calculus of multivariable and vector-valued functions. Topics include vector and solid geometry, vector-valued functions, the calculus of curves in space, functions of several variables, partial differentiation, multiple integration, and vector calculus, including Green's Theorem, Stokes' Theorem, and the Divergence Theorem. Prerequisite(s): MAT 122.

**MAT 225 Discrete Mathematics (4)** An introduction to mathematical structures that are discrete, as opposed to continuous, by nature. Topics will include logic, set theory, proof techniques (including mathematical induction), relations and functions, combinatorics, and graph theory. Prerequisite(s): MAT 121.

**MAT 230 Linear Algebra (4)** An introduction to the algebra of vectors and matrices. Topics include systems of equations, matrices, determinants, basis and dimension of vector spaces, linear transformations, and eigenvalues and eigenvectors. Prerequisite(s): MAT 122.

**MAT 235 Differential Equations (4)** An introduction to ordinary differential equations using analytical, graphical, and numerical methods with applications to mathematical modeling. Topics include first and second order equations; topics in linear algebra, such as matrix algebra, basis and dimension, and eigenvalues and eigenvectors; systems of differential equations; phase planes for linear and nonlinear systems; and Laplace transforms. Prerequisite(s): MAT 221.

**MAT 305 History of Mathematics (4)** A survey of the historical development of mathematics from ancient to modern times. Topics include the mathematics of the Bronze Age, Ancient Greece, the Islamic world, post-Medieval Europe, the Renaissance, the Scientific Revolution, and 19th century Europe. An emphasis will be placed on the ways that historical forces have shaped mathematical progress and how mathematical priorities and areas of endeavor have evolved over time. Prerequisite(s): MAT 122.

**MAT 310 Number Theory (4)** An introduction to the study of integers and integer-valued functions. Topics include divisibility, congruences, quadratic reciprocity, arithmetic functions, Diophantine equations, probabilistic number theory, multiplicative number theory, and Riemann's zeta function. Prerequisite(s): MAT 122.

**MAT 315 Abstract Algebra (4)** An introduction to abstract algebra with a focus on groups. Topics include definitions and examples of groups, subgroups, Lagrange's Theorem, cyclic groups, permutation groups, isomorphisms, direct products of groups, the Fundamental Theorem of Finite Abelian Groups, cosets and quotient groups, homomorphisms, and the First Isomorphism Theorem. Much emphasis will be placed on proper mathematical writing. Prerequisite(s): MAT 230.

**MAT 320 Linear Regression (4)** The study of regression techniques and applications in statistics. Topics include linear regression, analysis of variance (ANOVA), multiple regression, analysis of covariance (ANCOVA), linear hypotheses, logit and probit models, and regression diagnostics. Prerequisite(s): MAT 230 and either MAT 205 or MAT 412.

**MAT 396 Special Topics in Mathematics (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**MAT 397 Internship in Mathematics (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**MAT 398 Readings in Mathematics (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**MAT 399 Independent Project in Mathematics (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**MAT 400 Topics in Geometry (4)** A course devoted to the geometries which are consequences of Euclid's Parallel Postulate and its negations, namely Euclidean, hyperbolic, and elliptic geometry. These geometries are explored through models with compass and straightedge construction: we build the objects which we study. Proofs of

properties involving congruent triangles, concurrence of lines, and special quadrilaterals in all three geometries lead to more sophisticated topics such as Miquel point, squaring the circle, poles and polars, and horocycles. Graded work includes a weekly wiki which all students write and read as part of their coursework. Prerequisite(s): MAT 122.

**MAT 405 Real Analysis (4)** A rigorous development of the theory of single-variable real-valued functions. Topics include properties and the topology of the real numbers, sequences, limits, continuity, derivatives, Riemann integrals, and sequences of functions. Prerequisite(s): MAT 221.

**MAT 410 Applied Data Science (4)** A practical application of data science to a significant real-life problem provided by an external partner. Students will spend the semester working in teams to solve the problem, maintaining regular communication with the external partner. Students will be expected to use acquired skills in mathematics, statistics, and computer programming and to learn new skills in these areas as needed. The culminating outcome of the course will be a written report of the problem's solution and a professional presentation to the external partner. Recommended prerequisite: MAT 210. Prerequisite(s): MAT 205 or MAT 412.

**MAT 411 Probability (4)** An introduction to probability theory and distributions. Topics include large and small sample theory, multivariate distributions, and transformations. Prerequisite(s): MAT 221.

**MAT 412 Mathematical Statistics (4)** A calculus-based exposition of the theory of statistics. Topics include tests of hypotheses, point and interval estimation, non-parametric statistics, regression and correlation, analysis of variance, analysis of categorical data, and Bayesian inference. Prerequisite(s): MAT 411.

**MAT 420 Mathematics Capstone (4)** A culminating experience for mathematics majors with two main emphases. The first is an in-depth exploration of career options for mathematics majors. Each student, with the instructor's assistance, will formulate and carry out a plan to gain first-hand knowledge of the kinds of work mathematics majors do after college. The knowledge will come by way of job shadowing, classroom observations, attendance at career fairs, graduate school visits, conference participation, or other opportunities that will give students the opportunity to see how a degree in mathematics might be used in the world. The second is an investigation of an advanced mathematical topic not covered in any depth in previous mathematics courses. This investigation will either be carried out by each student individually in the form of a research project or will be led and developed by the instructor. Prerequisite(s): Junior or senior class standing.

# Music

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**Barbara Witham McCargar, M.M., Chair**  
**Mary Hurd, M.M.; Thomas Polett, D.M.A.**

**Vision Statement.** Empowering musical artists and scholars in a spiritual environment. Nurturing rich learning exchanges among gifted faculty, exceptional students, and the communities we serve.

**Mission Statement.** The mission of the Music Department in support of the mission of Aquinas College is to provide both to the music major and general education students: first, a deeper understanding and experience of music from the abundant diversity of cultures present today and through the ages; and, second, the verbal and technical skills to communicate that knowledge of music.

The Music Department's role is a unique and treasured component of a solid education within the context of the Catholic Dominican tradition. To further fulfill the Aquinas College mission, the Music Department offers programs of study to prepare students for graduate schools and careers in such fields as teaching, liturgical music, conducting, jazz studies, and performance.

**Getting Started in the Music Department.** Aquinas College offers various programs of study leading to degrees in music that, together with a liberal arts curriculum, provide a solid foundation for careers in music. The Music Department offers courses for Aquinas students, majors and minors alike, who wish to broaden their appreciation and understanding of music through study and through participation in one of the performance ensembles. Private lessons are offered for credit.

All students considering any music major or minor should register for MUSC100: An Introduction to Musicianship (four (4) semester hours in the General Education program) as an introduction to the major. The Music Theory Placement Test is given throughout the year to evaluate students should they already qualify to pass into MUSC110: Musicianship I.

BMed students should also consult with the School of Education advisors to ensure a complete plan of their degree and certification.

A formal Declaration of Major Hearing (DMH) will take place at the end of a music student's second year (or following the first transfer year) of studies, at which time a Music Portfolio must be presented to the faculty and an interview will take place. Seniors will present their completed Portfolios (SPR) at the time of graduation.

## **Student Learning Outcomes.**

1. Student will have the ability to use the common elements and organizational patterns of music.
2. Students will demonstrate a level of competency in sight-reading, keyboard, technology, and conducting as required by the specific program of study.
3. Student will be an acquaintance with a wide selection of musical literature and genres, exploring their history, development, and cultural context.
4. Student will have the skills of effective practicing, rehearsing, solo performing, and performing in collaboration with other musicians in pursuit of artistic self-expression, educating, and stylistically appropriate musical interpretation.
5. Students will experience creative problem-solving, critical thinking, forming and defending value judgments about music and communicating them; this may include field placements, peer teaching, research projects, recitals, and internships.

# MUSIC MAJOR WITH GENERAL CONCENTRATION

Bachelor of Arts

2023-2024

**Major Requirements:** Fifty (50) semester hours.

At least twenty-four (24) semester hours must be taken at Aquinas.

Only courses with a grade of C+ or higher will count toward private lessons and musicianship courses.

Only courses with a grade of C or higher will count toward History/Literature, ensemble, and education courses.

A GPA of 2.7 must be maintained for all Music majors.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
MUSC 110 Musicianship I	4.0	MUSC 100 or passing the Music Theory Proficiency Test (MTPT)
MUSC 111 Musicianship II	4.0	MUSC 110
MUSC 112 Exploring Global Music (GP)	4.0	
MUSC 114 Technology for the Musician	2.0	
MUSC 202 Piano Techniques I	1.0	MUSC 110, MUSC 111
MUSC 203 Piano Techniques II	1.0	MUSC 202
MUSC 210 Musicianship III	4.0	MUSC 111, MUSC 202* (*may be coreq.)
MUSC 212 Conducting Fundamentals	2.0	MUSC 110
MUSC 300 Music History & Literature: The Origin (WI)	4.0	MUSC 111
MUSC 400 Seminars & Research in Music (SC)	4.0	MUSC 210
MUSC 410 Musicianship IV	4.0	MUSC 210, MUSC 203* (*may be coreq.)

## Music Ensemble

Choose eight (8) semester hours from MCEN 143-444 College Chorus, MCEN 155-456 College Band, or MCEN 167-468 Chamber Strings. **Must be the same ensemble.**

	1.0	
	1.0	MCEN 143, 155 or 167
	1.0	MCEN 144, 156 or 168
	1.0	MCEN 243, 255, or 267
	1.0	MCEN 244, 256, or 268
	1.0	MCEN 343, 355, or 367
	1.0	MCEN 344, 356, or 368
	1.0	MCEN 443, 455, or 467

## Music Lessons

Choose eight (8) semester hours of Studio Applied Lessons & complete with a C+ or better (must be same instrument).

MUSC 130 Studio Applied Lessons I	1.0	
MUSC 131 Studio Applied Lessons II	1.0	MUSC 130 or 1st semester MCAP lesson
MUSC 230 Studio Applied Lessons III	1.0	MUSC 131 or 2nd semester MCAP lesson
MUSC 231 Studio Applied Lessons IV	1.0	MUSC 230 or 3rd semester MCAP lesson
MUSC 330 Studio Applied Lessons V	1.0	MUSC 231 or 4th semester MCAP lesson
MUSC 331 Studio Applied Lessons VI	1.0	MUSC 330 or 5th semester MCAP lesson
MUSC 430 Studio Applied Lessons VII	1.0	MUSC 331 or 6th semester MCAP lesson
MUSC 431 Studio Applied Lessons VIII	1.0	MUSC 430 or 7th semester MCAP lesson

## Non Credit Requirements

- Declaration of Major Hearing
- Piano Competency Level I
- Senior Portfolio Review

# MUSIC MAJOR WITH CHURCH MUSIC CONCENTRATION

Bachelor of Arts

2023-2024

**Major Requirements:** Sixty-two (62) semester hours.

At least twenty-eight (28) semester hours must be taken at Aquinas.

Only courses with a grade of C+ or higher will count toward private lessons and musicianship courses.

Only courses with a grade of C or higher will count toward History/Literature, ensemble, and education courses.

A GPA of 2.7 must be maintained for all Music majors.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
MUSC 110 Musicianship I	4.0	MUSC 100 or passing the Music Theory Proficiency Test (MTPT)
MUSC 111 Musicianship II	4.0	MUSC 110
MUSC 112 Exploring Global Music (GP)	4.0	
MUSC 114 Technology for the Musician	2.0	
MUSC 202 Piano Techniques I	1.0	MUSC 110 & MUSC 111
MUSC 203 Piano Techniques II	1.0	MUSC 202
MUSC 205 Vocal Techniques	2.0	
MUSC 210 Musicianship III	4.0	MUSC 111, MUSC 202* (*may be coreq.)
MUSC 212 Conducting Fundamentals	2.0	MUSC 110
MUSC 300 Music History & Literature: The Origin (WI)	4.0	MUSC 111
MUSC 312 Adv. Conducting w. Literature & Interpretation	2.0	MUSC 212
MUSC 314 Music in Liturgical Celebration	4.0	MUSC 110
MUSC 400 Seminars & Research in Music (SC)	4.0	MUSC 210
MUSC 410 Musicianship IV	4.0	MUSC 210, MUSC 203* (*may be coreq.)

## Music Ensemble

Complete eight (8) semester hours in **College Chorus**

MCEN 143 College Chorus	1.0	
MCEN 144 College Chorus	1.0	MCEN 143
MCEN 243 College Chorus	1.0	MCEN 144
MCEN 244 College Chorus	1.0	MCEN 243
MCEN 343 College Chorus	1.0	MCEN 244
MCEN 344 College Chorus	1.0	MCEN 343
MCEN 443 College Chorus	1.0	MCEN 344
MCEN 444 College Chorus	1.0	MCEN 443

## Primary Instrument Lessons

Choose eight (8) semester hours of either **Piano or Organ** & complete with a C+ or better.

MUSC 130 Studio Applied Lessons I	1.0	
MUSC 131 Studio Applied Lessons II	1.0	MUSC 130 or 1st semester MCAP lesson
MUSC 230 Studio Applied Lessons III	1.0	MUSC 131 or 2nd semester MCAP lesson
MUSC 231 Studio Applied Lessons IV	1.0	MUSC 230 or 3rd semester MCAP lesson
MUSC 330 Studio Applied Lessons V	1.0	MUSC 231 or 4th semester MCAP lesson
MUSC 331 Studio Applied Lessons VI	1.0	MUSC 330 or 5th semester MCAP lesson
MUSC 430 Studio Applied Lessons VII	1.0	MUSC 331 or 6th semester MCAP lesson
MUSC 431 Studio Applied Lessons VIII	1.0	MUSC 430 or 7th semester MCAP lesson

## Secondary Instrument Lessons

Choose four (4) semester hours of either Studio Applied Voice, Piano, Guitar, or Organ & complete with a C+ or better.

MCAP 141 Studio Applied Voice	2.0	
MCAP 142 Studio Applied Voice	2.0	MCAP 141 or MCAP 165 & MCAP 166
MCAP 125 Studio Applied Piano	2.0	
MCAP 126 Studio Applied Piano	2.0	MCAP 125
MCAP 151 Guitar	2.0	
MCAP 152 Guitar	2.0	MCAP 151

_____	MCAP 131 Organ	2.0	_____	_____
_____	MCAP 132 Organ	2.0	_____	<u>MCAP 131</u>

**Non Credit Requirements**

- \_\_\_\_\_ Declaration of Major Hearing
- \_\_\_\_\_ Piano Competency Level I
- \_\_\_\_\_ Piano Competency Level II
- \_\_\_\_\_ Recital Hearing
- \_\_\_\_\_ Recital
- \_\_\_\_\_ Senior Portfolio Review



# MUSIC MAJOR WITH JAZZ CONCENTRATION

Bachelor of Arts

2023-2024

**Major Requirements:** Sixty-two (62) semester hours.

At least twenty-eight (28) semester hours must be taken at Aquinas.

Only courses with a grade of C+ or higher will count toward private lessons and musicianship courses.

Only courses with a grade of C or higher will count toward History/Literature, ensemble, and education courses.

A GPA of 2.7 must be maintained for all Music majors.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
MUSC 110 Musicianship I	4.0	MUSC 100 or passing the Music Theory Proficiency Test (MTPT)
MUSC 111 Musicianship II	4.0	MUSC 110
MUSC 112 Exploring Global Music (GP)	4.0	
MUSC 114 Technology for the Musician	2.0	
MUSC 202 Piano Techniques I	1.0	MUSC 110, MUSC 111
MUSC 203 Piano Techniques II	1.0	MUSC 202
MUSC 210 Musicianship III	4.0	MUSC 111, MUSC 202* (*may be coreq.)
MUSC 212 Conducting Fundamentals	2.0	MUSC 110
MUSC 216 History of Jazz	4.0	
MUSC 300 Music History & Literature: The Origin (WI)	4.0	MUSC 111
MUSC 400 Seminars & Research in Music (SC)	4.0	MUSC 210
MUSC 410 Musicianship IV	4.0	MUSC 210, MUSC 203* (*may be coreq.)

## Music Ensemble

Choose eight (8) credits from MCEN 143-444 College Chorus, MCEN 155-456 College Band, or MCEN 167-468 Chamber Strings. **Must be the same ensemble.**

	1.0	
	1.0	MCEN 143, 155 or 167
	1.0	MCEN 144, 156 or 168
	1.0	MCEN 243, 255, or 267
	1.0	MCEN 244, 256, or 268
	1.0	MCEN 343, 355, or 367
	1.0	MCEN 344, 356, or 368
	1.0	MCEN 443, 455, or 467

## Music Lessons

Choose eight (8) credits of an instrument & complete with a C+ or better

MUSC 130 Studio Applied Lessons I	1.0	
MUSC 131 Studio Applied Lessons II	1.0	MUSC 130 or MCAP 125, 141, 151
MUSC 230 Studio Applied Lessons III	1.0	MUSC 131 or MCAP 126, 142, 152
MUSC 231 Studio Applied Lessons IV	1.0	MUSC 230 or MCAP 225, 241, 251
MUSC 330 Studio Applied Lessons V	1.0	MUSC 231 or MCAP 226, 242, 252
MUSC 331 Studio Applied Lessons VI	1.0	MUSC 330 or MCAP 325, 341, 351
MUSC 430 Studio Applied Lessons VII	1.0	MUSC 331 or MCAP 326, 342, 352
MUSC 431 Studio Applied Lessons VIII	1.0	MUSC 430 or MCAP 425, 441, 451

## Jazz Instrument Lessons

Choose six (6) credits from MCAP 125-225 Jazz Piano, MCAP 141-241 Jazz Voice, MCAP 151-251 Jazz Saxophone, MCAP 151-251 Jazz Bass, MCAP 151-251 Jazz Trumpet, MCAP 151-251 Jazz Trombone, or MCAP 151-251 Percussion & complete with a C+ or better.

	2.0	
	2.0	MCAP 125, 141, or 151
	2.0	MCAP 126, 142, or 152

## Jazz Ensemble

Choose two (2) semester hours from Jazz Band and/or Jazz Combo. May take one credit of each ensemble.

MCEN 171 Jazz Band	1.0	
MCEN 172 Jazz Band	1.0	MCEN 171
MCEN 158 Jazz Combo	1.0	

**Non Credit Requirements**

\_\_\_\_\_ Declaration of Major Hearing

\_\_\_\_\_ Piano Competency Level I

\_\_\_\_\_ Recital Hearing

\_\_\_\_\_ Recital

\_\_\_\_\_ Senior Portfolio Review

# MUSIC MAJOR WITH PERFORMANCE CONCENTRATION

Bachelor of Arts

2023-2024

**Major Requirements:** Sixty-two (62) semester hours.

At least twenty-eight (28) semester hours must be taken at Aquinas.

Only courses with a grade of C+ or higher will count toward private lessons and musicianship courses.

Only courses with a grade of C or higher will count toward History/Literature, ensemble, and education courses.

A GPA of 2.7 must be maintained for all Music majors.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
MUSC 110 Musicianship I	4.0	MUSC 100 or passing the Music Theory Proficiency Test (MTPT)
MUSC 111 Musicianship II	4.0	MUSC 110
MUSC 112 Exploring Global Music (GP)	4.0	
MUSC 114 Technology for the Musician	2.0	
MUSC 202 Piano Techniques I	1.0	MUSC 110, MUSC 111
MUSC 203 Piano Techniques II	1.0	MUSC 202
MUSC 210 Musicianship III	4.0	MUSC 111, MUSC 202* (*may be coreq.)
MUSC 212 Conducting Fundamentals	2.0	MUSC 110
MUSC 300 Music History & Literature: The Origin (WI)	4.0	MUSC 111
MUSC 400 Seminars & Research in Music (SC)	4.0	MUSC 210
MUSC 410 Musicianship IV	4.0	MUSC 210, MUSC 203* (*may be coreq.)

## Music Ensemble

Choose eight (8) semester hours from MCEN 143-444 College Chorus, MCEN 155-456 College Band, or MCEN 167-468 Chamber Strings. **Must be the same ensemble.**

	1.0	
	1.0	MCEN 143, 155 or 167
	1.0	MCEN 144, 156 or 168
	1.0	MCEN 243, 255, or 267
	1.0	MCEN 244, 256, or 268
	1.0	MCEN 343, 355, or 367
	1.0	MCEN 344, 356, or 368
	1.0	MCEN 443, 455, or 467

## Music Lessons

Choose sixteen (16) semester hours of Piano (MCAP 125-426), Organ (MCAP 131-432), Voice (MCAP 141-442), French Horn, Oboe, Violin, Viola, Double Bass, Tuba, Bassoon, Trumpet, Percussion, Flute, Saxophone, Cello, Guitar, Trombone, Clarinet, Harp, or Harpsichord (All instruments MCAP 151-452) & complete with a C+ or better.

Studio Applied Lessons I (MCAP 125, 131, 141, or 151)	2.0	
Studio Applied Lessons II (MCAP 126, 132, 142, or 152)	2.0	MCAP 125, 131, 141, or 151
Studio Applied Lessons III (MCAP 225, 231, 241, or 251)	2.0	MCAP 126, 132, 142, or 152
Studio Applied Lessons IV (MCAP 226, 232, 242, or 252)	2.0	MCAP 225, 231, 241, or 251
Studio Applied Lessons V (MCAP 325, 331, 341, or 351)	2.0	MCAP 226, 232, 242, or 252
Studio Applied Lessons VI (MCAP 326, 332, 342, or 352)	2.0	MCAP 325, 331, 341, or 351
Studio Applied Lessons VII (MCAP 425, 431, 441, or 451)	2.0	MCAP 326, 332, 342, or 352
Studio Applied Lessons VIII (MCAP 426, 432, 442, or 452)	2.0	MCAP 425, 431, 441, or 451

## Music Electives

Choose four (4) semester hours of electives

MUSC 214 Intro to Music Entrepreneurship	4.0	
MUSC 305 Studio Recording	4.0	
MUSC 310 Literature & Pedagogy for Studio	4.0	MUSC 111
MUSC 312 Adv. Conducting w/ Interp. & Lit.	2.0	MUSC 212
MUSC 315 Composing I	2.0	MUSC 110
MUSC 316 Composing II	2.0	MUSC 315
MUSC 396 Special Topics in Music	4.0	Department Chair Approval
MUSC 399 Independent Project	4.0	Department Chair Approval

**Non Credit Requirements**

- \_\_\_\_\_ Declaration of Major Hearing
- \_\_\_\_\_ Piano Competency Level I
- \_\_\_\_\_ Recital Hearing
- \_\_\_\_\_ Recital
- \_\_\_\_\_ Senior Portfolio Review

# MUSIC MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least ten (10) semester hours must be taken at Aquinas.

Only courses with a grade of C+ or higher will count toward private lessons and musicianship courses.

Only courses with a grade of C or higher will count toward History/Literature, ensemble, and education courses.

A GPA of 2.7 must be maintained for all Music minors.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
MUSC 110 Musicianship I	4.0	MUSC 100 or passing the Music Theory Proficiency Test (MTPT)
<b>Music Lessons</b>		
Choose four (4) semester hours of Studio Applied Lessons & complete with a C+ or better.		
MUSC 130 Studio Applied Lessons I	1.0	
MUSC 131 Studio Applied Lessons II	1.0	MUSC 130 or 1st semester MCAP lessons
MUSC 230 Studio Applied Lessons III	1.0	MUSC 131 or 2nd semester MCAP lessons
MUSC 231 Studio Applied Lessons IV	1.0	MUSC 230 or 3rd semester MCAP lessons
<b>Music Ensemble</b>		
Choose four(4) semester hours from MCEN 143-244 College Chorus, MCEN 155-256 College Band, MCEN 153-254 Treble Chorus, or MCEN 167-268 Chamber Strings. <b>Must be the same ensemble.</b>		
	1.0	
	1.0	MCEN 143, 155 or 167
	1.0	MCEN 144, 156 or 168
	1.0	MCEN 243, 255, or 267
<b>Music History</b>		
Choose four (4) semester hours of music history electives.		
MUSC 112 Exploring Global Music (GP)	4.0	
MUSC 200 Music Appreciation	4.0	
MUSC 201 History of Popular Music	4.0	
MUSC 216 History of Jazz (WI)	4.0	
MUSC 300 Music History & Literature: The Origin (WI)	4.0	MUSC 111
<b>Music Electives</b>		
Choose four (4) semester hours of electives		
MUSC 102 Beginning Guitar	2.0	
MUSC 111 Musicianship II	4.0	MUSC 110
MUSC 112 Exploring Global Music (GP)	4.0	
MUSC 130 Studio Applied Lessons I (Secondary Instrument)	1.0	
MUSC 131 Studio Applied Lessons II (Secondary Instrument)	1.0	MUSC 130
MUSC 200 Music Appreciation	4.0	
MUSC 201 History of Popular Music	4.0	
MUSC 205 Vocal Techniques	2.0	
MUSC 212 Conducting Fundamentals	2.0	MUSC 110
MUSC 216 History of Jazz (WI)	4.0	

# MUSIC - JAZZ STUDIES MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least ten (10) semester hours must be taken at Aquinas.

Only courses with a grade of C+ or higher will count toward private lessons and musicianship courses.

Only courses with a grade of C or higher will count toward History/Literature, ensemble, and education courses.

A GPA of 2.7 must be maintained for all Music minors.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ MUSC 110 Musicianship I	4.0	_____ MUSC 100 or passing the Music Theory Proficiency Test (MTPT)
_____ MUSC 111 Musicianship II	4.0	_____ MUSC 110

## Music Lessons

Choose four (4) semester hours of **Jazz Instrument Lessons** & complete with a C+ or better.

_____ MUSC 130 Studio Applied Lessons I	1.0	_____ _____
_____ MUSC 131 Studio Applied Lessons II	1.0	_____ MUSC 130 or MCAP 125, 141, or 151
_____ MUSC 230 Studio Applied Lessons III	1.0	_____ MUSC 131 or MCAP 126, 142, or 152
_____ MUSC 231 Studio Applied Lessons IV	1.0	_____ MUSC 230 or MCAP 225, 241, or 251

## Jazz Ensemble

Choose four (4) semester hours from MCEN 171-271 Jazz Band and MCEN 158-358 Jazz Combo.

_____ _____	1.0	_____ _____
_____ _____	1.0	_____ Previous Level or other Jazz Ensemble
_____ _____	1.0	_____ Previous Level or other Jazz Ensemble
_____ _____	1.0	_____ Previous Level or other Jazz Ensemble

## Jazz Studies

Choose four (4) semester hours of jazz studies coursework.

_____ MUSC 216 History of Jazz (WI)	4.0	_____ _____
_____ MUSC 320 Jazz Arranging & Composition	4.0	_____ MUSC 111

# MUSIC EDUCATION MAJOR

Bachelor of Music Education - Teacher Certification PK-12

2023-2024

**Major Requirements:** One hundred and ten (110) semester hours in Music and Education courses.

At least thirty (30) semester hours of Music courses must be taken at Aquinas.

A cumulative GPA of 2.7 or higher is required for the major.

Only courses with a grade of C+ or higher will count toward private lessons and musicianship courses.

Only courses with a grade of C or higher will count toward History/Literature, Ensemble, and Education courses.

This major requires completion of all general education, teacher certification and directed student teaching requirements.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
MUSC 110 Musicianship I	4.0	MUSC 100 or passing the Music Theory Proficiency Test (MPTT)
MUSC 111 Musicianship II	4.0	MUSC 110
MUSC 112 Exploring Global Music (GP)	4.0	
MUSC 114 Technology for the Musician	2.0	
MUSC 202 Piano Techniques I	1.0	MUSC 110, MUSC 111
MUSC 203 Piano Techniques II	1.0	MUSC 202
MUSC 205 Vocal Techniques	2.0	
MUSC 210 Musicianship III	4.0	MUSC 111, MUSC 202* (*may be coreq.)
MUSC 212 Conducting Fundamentals	2.0	MUSC 110
MUSC 220 Teaching Music PK-6 in the 21st Century	4.0	MUSC 111
MUSC 222 Methods in Teaching Woodwinds & Percussion	4.0	MUSC 110* (*may be coreq.)
MUSC 224 Methods in Teaching Brass & Strings	4.0	MUSC 110* (*may be coreq.)
MUSC 300 Music History & Literature: The Origin (WI)	4.0	MUSC 111
MUSC 312 Advanced Conducting w/Literature & Interpretation	2.0	MUSC 212
MUSC 400 Seminars & Research in Music	4.0	MUSC 210
MUSC 410 Musicianship IV	4.0	MUSC 210, MUSC 203* (*may be coreq.)
MUSC 420 Secondary Choral & Instrumental Methods, grades 7-12	4.0	MUSC 220
MUSC 491 Music Student Teaching Internship	8.0	School of Education Approval

## Music Lessons (Complete with a C+ or better)

**Choral/Vocal Teaching:** Select MCAP 141-442 Voice or MCAP 125-426 Piano as your primary instrument.

**Band/Orchestra Teaching:** Select MCAP 151-452 Oboe, Flute, Clarinet, Saxophone, Trumpet, French Horn, Trombone, Tuba or Percussion as your primary instrument.

**Band/Orchestra (String) Teaching:** Seek Permission from Instrumental Music Director to select MCAP 151-452 Violin, Viola, Cello or String Bass as your primary instrument.

Studio Applied Lessons I (MCAP 125, 141 or 151)	2.0	
Studio Applied Lessons II (MCAP 126, 142 or 152)	2.0	MCAP 125, 141 or 151
Studio Applied Lessons III (MCAP 225, 241 or 251)	2.0	MCAP 126, 142 or 152
Studio Applied Lessons IV (MCAP 226, 242 or 252)	2.0	MCAP 225, 241 or 251
Studio Applied Lessons V (MCAP 325, 341 or 351)	2.0	MCAP 226, 242 or 252
Studio Applied Lessons VI (MCAP 326, 342 or 352)	2.0	MCAP 325, 341 or 351
Studio Applied Lessons VII (MCAP 425, 441 or 451)	2.0	MCAP 326, 342 or 352
Studio Applied Lessons VIII (MCAP 426, 442 or 452)	2.0	MCAP 425, 441 or 451

## Music Ensemble

Choose eight (8) semester hours from MCEN 143-444 College Chorus (Choral and Vocal Teaching); MCEN 155-456 College Band (Band/Orchestra Teaching); or MCEN 167-468 Chamber Strings (Band/Orchestra/String Teaching):

**Must be the same ensemble.**

1.0

		1.0	MCEN 143, 155 or 167
		1.0	MCEN 144, 156 or 168
		1.0	MCEN 243, 255 or 267
		1.0	MCEN 244, 256 or 268
		1.0	MCEN 343, 355 or 367
		1.0	MCEN 344, 356 or 368
		1.0	MCEN 443, 455 or 467

**Education Courses**

	EDUC 200 Introduction to Education	4.0	School of Education Approval
	EDUC 204 Inclusion & Co-Teaching	4.0	EDUC 200
	EDUC 220 5-12 Learners & Learning for the 21st Century	4.0	EDUC 200
	EDUC 400 Foundation Topics of Education (WI)	4.0	EDUC 200, Junior/Senior Status
	EDUC 410 Literacy & Methods in the Disciplines	4.0	EDUC 200
	EDUC 490 Student Teaching Internship Seminar (SC)	4.0	School of Education Approval



## **Course Descriptions:**

**MUSC 100 An Introduction to Musicianship (4)** In this course which requires no previous music study, the student is introduced to the three fundamental parts of basic musicianship: 1) the rudiments of written music; 2) introduction to piano playing, vocal music, and music reading; and 3) ensemble experiences in instrumental or vocal music, beginning with non-pitched instruments and progressing to ensembles which require reading notation. This is also an introductory course for students who may be interested in a major or minor in music.

**MUSC 101 Songwriting (4)** This course is designed for any student who has ever felt the desire to express themselves through the art of songwriting. The approach of the course includes a set of modules introduced by guest presenters in the field who will crack open the creative processes that they employ, and how rhythm, lyrics, melody, harmony, rhythmic “feel/groove”, and other expressive facets of music take shape in their hands. Students will compose songs by themselves, within a group, and in collaboration with a partner. Basic harmonic chord structures will be taught with the accompanying instrument choices of guitar, ukulele, and piano. Commercial aspects, such as the protection of one’s intellectual property, recording, and promoting it, will be studied.

**MUSC 102 Beginning Guitar Class (2)** Group approach to guitar playing, this class will give attention to developing skills in performance techniques, reading tablature, and notation. Guitar study can provide the basis for further music exploration and self-expression. Students will need to have regular access to a classical (or acoustic) guitar.

**MUSC 103 Beginning Piano Class (2)** Group approach to developing piano playing skills, this lab-based class is designed as a starting point for musical self-expression and enrichment. Notation in treble and bass clef, reading one hand at a time and progressing to first hands together pieces; development of sight-reading skills; introduction of major scales and chords in keys up to 3 flats and 3 sharps; beginning rhythmic studies, including simple and compound meter.

**MUSC 110 Musicianship I (4)** The study of the development of the materials of music, beginning with the fundamentals of music and progressing to diatonic harmonic study, including voice leading in 4-part writing. Analysis and composition culminate in the creation of an original 8-measure composition for 4 voices. The closely related skills of beginning piano techniques, ear training and sight-singing, using major keys and simple meter, are practiced along with exploration of different types of notation software. Prerequisite(s): MUSC 100 or passing the Music Theory Proficiency Test (MTPT).

**MUSC 111 Musicianship II (4)** The study of the development of the materials of music, beginning with the function and use of diatonic harmony, and progressing to the use of secondary dominant harmonies. Piano skills, ear training, and sight-singing are practiced, with the addition of all major scales with chords, Piano Level 1 pieces, compound meter studies, accelerated ear training, and sight-singing in minor keys. Notation software study progresses, and students end the semester with the creation of an original 16-measure composition for 4 voices, presented with notation software. Prerequisite(s): MUSC 110.

**MUSC 112 Exploring Global Music (4)** This course is an introduction to a variety of musical styles outside the Western art music tradition and within cultural, social and/or political contexts. The course will cover a wide range of music traditions from various parts of the world including Latin America, Africa, the Middle East, China, Japan, and Indonesia. Occasional guest musicians will give lecture/demonstrations in class to help you better understand a particular musical tradition. While no previous experience is required in music, all students will take part in music making in the West African Ewe Drumming tradition, the Indonesian Gamelan tradition, and Afro-Cuban tradition.

**MUSC 114 Technology for the Musician (2)** This course is designed to give all music majors knowledge of and a foundation in using 1) notation software and how to master professional music tracks to export to mp3 and CD formats, 2) PA systems, 3) online ‘classroom’ platforms and tools, 4) recording and video applications, as well as 5) other software available in the AMC Piano Lab (e.g., Pyware, Smart Music).

**MUSC 200 Music Appreciation (4)** Music as an art form can be traced back many centuries around the world. Today, the tradition of composing and playing music continues, and human beings use music in many ways. Through the study of the purpose, the people, and the era, this course follows the development of music from its origins to the present time: topics such as dance, spirituality, storytelling, entertainment, and political expression are explored. To highlight the discoveries within the course, each semester two area concerts/events will be selected for careful examination, and the class will attend them together. Attendance at a performance required at student's expense.

**MUSC 201 History of Popular Music (4)** This course is an introduction to the many types of popular music; evolution, influences upon each other, personalities, times, and places. The music is analyzed in the context of

American history, world history, and the complex picture of societal issues in each time and place. An event such as the Michigan Blues Festival will be scheduled to allow for a shared experience to enhance the class discussion and reflection

**MUSC 202 Piano Techniques I (1)** Lab based class, meeting two times per week; Piano skills continue to be developed, using scales and chords previously learned, adding minor scales and chords, to improvise chords to a melody. Functional skills of playing triads and inversions and vocal warm ups are introduced; sight-reading vocal scores to include 2 adjacent vocal lines from a 4-part vocal score. Prerequisite(s): MUSC 110 and MUSC 111.

**MUSC 203 Piano Techniques II (1)** Lab based class, reviewing piano skills from Piano Techniques I, emphasizing sight-reading in vocal scores, Piano Level 2 pieces, and beginning accompaniments, including improvised accompaniments to melodies and improvised accompaniments to improvised melodic ideas. Prerequisite(s): MUSC 202.

**MUSC 204 Piano Techniques III (1)** Lab based class, building upon the concepts from Piano Techniques II, and focused on piano accompaniments and sight-reading of all types, while reviewing piano skills. Prerequisite(s): MUSC 203.

**MUSC 205 Vocal Techniques (2)** The study of current vocal techniques, a variety of song literature (Folk Songs, Italian and English Baroque, Musical Theatre, American and British Art Songs), IPA, the anatomy, and physiology of the voice, Alexander Technique, and Dalcroze, will be incorporated as the basis for building singing skills for life. Small group work, learning to organize vocal exercises into an effective practice or warm-up sequence, and private mini-lessons assist all students in becoming more confident in guiding their own voices and pre-teachers in guiding those whom they will one day be teaching.

**MUSC 210 Musicianship III (4)** The study of the development of the materials of music, beginning with the use of secondary function chords, and progressing to the use of Borrowed, Neopolitan and Augmented 6th chords. Forms such as Binary, Ternary, Inventions and Fugues, Variation techniques, Sonata, and Rondo are also studied. Piano skills, ear training, and sight-singing are practiced, with the addition of all major scales with chords, Piano Level 1 pieces, compound meter studies, accelerated ear training, and sight-singing in minor keys. Notation software study progresses, and students end the semester with the creation of an original 16-measure reharmonization of a given piece that employs the extended harmonies studied for keyboard, and will compose a fugue, presented with notation software. Prerequisite(s): MUSC 111. Corequisite(s): MUSC 202.

**MUSC 212 Conducting Fundamentals (2)** In this introductory conducting course for all music majors, students will learn and be drilled in the common, as well as some complex meter, conducting patterns. Cueing and interpretive gestures will be introduced through regular classroom experiences with the class members comprising a small lab ensemble. Prerequisite(s): MUSC 110.

**MUSC 214 Introduction to Music Entrepreneurship (4)** This course is designed to introduce the skills in research and development for a career in music. Entrepreneurship, writing, business planning, promotion, technology, online resources, and business savvy are the main topics that will be covered. The format of the class will consist of readings, workshop assignments, lectures, discussions, videos, presentations, and students will gain first-hand experience through a music production project. To benefit the most from this course, the student should have some previous involvement with music or the arts.

**MUSC 216 History of Jazz (4)** This course is an introduction to the many styles of this distinctly American art form. The pre-cursors of jazz will be studied to determine how Jazz germinated. The music is analyzed in the context of American history, and the complex picture of societal issues in each time and place. An event such as the Thornapple Jazz Festival will be scheduled to allow for a shared experience to enhance the class discussion and reflection.

**MUSC 222 Methods in Woodwind and Percussion Techniques ()** Designed to prepare pre-service teachers with the skills and knowledge of current flute, clarinet, saxophone, oboe, and bassoon methodology, and to introduce the current methods of percussion pedagogy and literature in public and private schools materials and techniques needed to successfully instruct students in administration and classroom management in relation to the band/orchestra program to be discussed.

**MUSC 224 Methods in Brass and String Techniques ()** Designed to prepare pre-service teachers with the skills and knowledge of current brass (trumpet, horn, trombone, euphonium/baritone and tuba) and string (violin, viola, cello, and bass) methodology and materials needed to successfully instruct students in public and private schools with the further goal of developing and maintaining a band or orchestra program. Philosophy, curriculum, administration and classroom management in relation to the band/orchestra program will be discussed.

**MUSC 300 Music History & Literature: The Origin (4)** This course is designed to cultivate an awareness of the

development of western music from Antiquity through the 21st Century. You will gain knowledge and familiarity with the historical events, styles, forms, instruments, composers, and compositions representative of each era. The format of the course consists of readings, listening examples, lectures, writings, discussions, videos, exams, a live concert/opera report, and a 20th-century presentation. You will learn to recognize aurally and visually over 60 pieces of music that illustrate the main styles and genres throughout the evolution of Western European music. You will also study primary source readings and use these for writing assignments and class discussion of the historical and social context for musical performance. Prerequisite(s): MUSC 111.

**MUSC 305 Studio Recording (4)** A hands-on introduction to professional sound recording. This class provides the opportunity to work on personal projects while gaining knowledge of and experience with audio equipment, including the audio workstation, audio effects, mixing board and sound reinforcement set-ups, and learning the technical language of audio engineering, such as audio specifications. Personal projects are used to experiment with newly acquired knowledge.

**MUSC 310 Literature & Pedagogy for the Studio (4)** Most musicians are either asked to give lessons to someone or feel called to teach private lessons and share their expertise with others. In this course, teaching methodologies and the selection of appropriate literature will be studied through readings, class discussions, and individual projects. Piano/organ/vocal/instrumental literature will be surveyed through the lenses of the solo performer, private teacher, and Solo and Ensemble festival coach. Interpretive characteristics unique to the musical eras will be introduced or reviewed. Strategies for successfully guiding students in performance practices will be presented, and further research will be undertaken by the class members. Prerequisite(s): MUSC 111.

**MUSC 312 Adv. Conducting with Literature & Interp (2)** Building on the foundation provided in Conducting Fundamentals, this course is designed to give the student conductor an experience with and an awareness of the body of literature from the masterworks and representative composers, and the appropriate performance practices associated with these works. In addition, students will research repertoire and programming appropriate for all ages and levels. Compositions will differ each time the course is offered and will be selected from each of the stylistic music periods. The practical application of conducting and score study within each of the various styles will be featured, students will complete observations, and each student conductor will be assigned to work on a piece with an ensemble in the department. Prerequisite(s): MUSC 212.

**MUSC 314 Music in Liturgical Celebration (4)** This course examines the function of music as a symbol used by the church to celebrate its faith, including the role of the church musician in the parish, the study of the liturgical music documents, an overview of the history of church music, planning of liturgical celebrations throughout the church year, music repertoire, and the participants in the liturgy. Guest presenters and a visit to the diocesan offices assist in illuminating key topics, while students experience the planning and leading of a sacred event open to the community. Prerequisite(s): MUSC 110.

**MUSC 315 Composing I (2)** Individual lessons in composition. Prerequisite(s): MUSC 111.

**MUSC 316 Composing II (2)** Individual lessons in composition. Prerequisite(s): MUSC 315.

**MUSC 320 Jazz Arranging & Composition (4)** Through the study and application of a variety of integrative analytical models, the composition and jazz arranging student will demonstrate competence in their ability to understand and express all facets under study of the various acoustic qualities of the instruments used in jazz. Students will gain an understanding of the conventional pitch range, transposition, and most characteristic scoring practices applied to all the musical instruments belonging to the aforementioned instrumental groupings. Prerequisite(s): MUSC 111.

**MUSC 396 Special Topics in Music (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**MUSC 397 Internship in Music (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**MUSC 398 Readings in Music (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**MUSC 399 Independent Project in Music (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**MUSC 400 Seminars & Research in Music (4)** This senior capstone course is intended to provide the music student with an overview of Senior Recital and Production planning and execution leading to a public event, a

guided experience with Research on a topic of interest in the field (e.g., repertoire, music education, stylistic performance practices) resulting in a research paper, and a workshop for the preparation of the music student's Senior Portfolio which will include a table of contents, an updated resume, and many elements (with a plan to acquire them) from the student's college career. Students will present at least one of their course projects at the Student Research, Scholarship, and Creative Activity Symposium in April. Prerequisite(s): MUSC 210.

**MUSC 410 Musicianship IV (4)** The study of the development of the materials of music, beginning with the function and use of Neopolitan and Augmented 6 harmonies, and progressing to the use of extended chords, altered dominants, and chromatic mediant harmonies. Students will also learn to analyze twelve-tone compositions, utilize pitch class set theory, and Schenkerian analysis. Piano skills, ear training, and sight-singing are practiced, with the addition of all major scales with chords, Piano Level 1 pieces, compound meter studies, accelerated ear training, and sight-singing in minor keys. Notation software study progresses, and students end the semester with the creation of an original 32-measure composition for voice and piano and an aleatoric composition, presented with notation software. Prerequisite(s): MUSC 210. Corequisite(s): MUSC 203.

### **Applied Studio and Ensembles Descriptions:**

**MCAP125, 126, 225, 226, 325, 326, 425, 426 Studio Applied Piano (2)** Eight-semester sequence of private piano lessons at the college level. Repertoire will survey Baroque, Classic, Romantic, Impressionistic, 20th C. and Contemporary works of increasing demands as the semesters continue. Fee.

**MCAP125, 126, 225, 226, 325, 326, 425, 426 Jazz Piano (2)** Eight-semester sequence of private piano lessons at the college level. Repertoire will survey Jazz styles and development, increasing in demands as the semesters continue. Fee.

**MCAP131, 132, 231, 232, 331, 332, 431, 432 Studio Applied Organ (2 each)** Four-year sequence of private study at the college level. Fee.

**MCAP141, 142, 241, 242, 341, 342, 441, 442 Studio Applied Voice (2)** Eight-semester sequence of private voice lessons at the college level. Repertoire will begin with Baroque and 20th C. literature, then progress through Classic, Romantic and Contemporary songs and arias of increasing demands as the semesters continue. Music Majors and Minors with Voice as their principle instrument will have MCAP141 waived upon successful completion of the required MCAP165/166. Fee.

**MCAP141, 142, 241, 242, 341, 342, 441, 442 Jazz Voice (2)** Eight-semester sequence of private voice lessons at the college level. Repertoire will survey Jazz styles and development, increasing in demands as the semesters continue. Music Majors and Minors with Voice as their principle instrument will have MCAP141 waived upon successful completion of the required MCAP165/166. Fee.

**MCAP141, 142, 241, 242, 341, 342, 441, 442 Contemporary Commercial Voice (2)** Eight semester sequence of elective private voice lessons at the college level. Repertoire will survey 20th C. and 21st C. commercial music genres (musical Theatre, Pop, Rock, Country, etc.), increasing in demands as the semesters continue. Music Majors and Minors with Voice as their principle instrument will have MCAP141 waived upon successful completion of the required MCAP165/166. Fee.

**MCAP151, 152, 251, 252, 351, 352, 451, 452 Studio Applied Instrumental (2)** Four-year sequence of private study at the college level. Instruction in string, woodwind, percussion, or brass instruments. See semester schedule for instrument specific course and section numbers. Classical and Jazz sections are offered. Fee.

**MCAP151, 152, 251 252, 315, 352, 451, 452 Jazz Instrument (2)** Eight-semester sequence of private instrument lessons at the college level. Repertoire will survey Jazz styles and development, increasing in demands as the semesters continue. Fee.

## **Music Ensemble Courses:**

**MCEN143, 144, 243, 244, 343, 344, 443, 444 College Chorus (1 each) AP** Performance of vocal literature: masterworks to current styles. No audition required.

**MCEN 153, 154, 253, 254, 353, 354, 453, 454 Treble Chorus (1 each) AP** Performance of vocal literature in the treble range: masterworks to current styles. Repertoire is selected to meet the expectations for excellence within each performance: departmental, thematic, special events as requested by the College. There is an emphasis on a capella pieces and an audition is required.

**MCEN155, 156, 255, 256, 355, 356, 455, 456 College Band (1 each) AP** Performance of concert band literature: masterworks to current styles. Open to those with instrumental experience.

**MCEN158, 258, 358, 458 Jazz Combo, Instrumental or Vocal (1 each)**

Application and theory of jazz improvisation techniques.

**MCEN 163, 164, 263, 264, 363, 364, 463, 464 Collegiate Singers (1 each) AP** Performance of vocal literature: masterworks to current styles. Repertoire is selected to meet the expectations for excellence within each performance: departmental, thematic, special events as requested by the College. Strong sight-reading ability and an audition is required.

**MCEN167, 168, 267, 268, 367, 368, 467, 468 - Chamber Ensembles (1 each) AP** Flute (S1), Guitar Ensemble (S2), Chamber Strings (S3), and Other (1 each) Smaller Ensembles specializing in the varied literature for that family of instruments or voices. These are offered when strong student interest exists.

**MCEN171, 172, 271, 272, 371, 372, 471, 472 Jazz Band (1 each) AP** Standard and original jazz literature performed. Audition required.

**MCEN482 Advanced Ensemble Performance (1 each)** Additional semesters of vocal or instrumental ensemble performance at the college level due to student having already completed the eight-semester sequence of the particular ensemble, yet desiring to continue in preparation for graduate school or other auditions, or for further musical or technical development. Prerequisite: eight semesters of study previously taken for voice/instrument. Fee: see semester course schedule.

## **Music Lesson Descriptions:**

**MUSC 130 Studio Applied Lessons I (1)** Eight-semester sequence of private lessons at the college level including 12 half-hours of instruction arranged with the Instructor through the Music department, as well as scheduled assemblies with all private lesson students. Technique and musicianship for a particular instrument/voice will be developed through the study and practice of etudes/exercises, sight-reading materials, performance etiquette, guest presenters, and repertoire which will survey the various stylistic periods as appropriate to that instrument/voice. The materials and literature studied will demonstrate increasing difficulty as the semesters continue. Semester lesson fee.

**MUSC 131 Studio Applied Lessons II (1)** Eight-semester sequence of private lessons at the college level including 12 half-hours of instruction arranged with the Instructor through the Music department, as well as scheduled assemblies with all private lesson students. Technique and musicianship for a particular instrument/voice will be developed through the study and practice of etudes/exercises, sight-reading materials, performance etiquette, guest presenters, and repertoire which will survey the various stylistic periods as appropriate to that instrument/voice. The materials and literature studied will demonstrate increasing difficulty as the semesters continue. Semester lesson fee. Prerequisite(s): MUSC 130.

**MUSC 230 Studio Applied Lessons III (1)** Eight-semester sequence of private lessons at the college level including 12 half-hours of instruction arranged with the Instructor through the Music department, as well as scheduled assemblies with all private lesson students. Technique and musicianship for a particular instrument/voice will be developed through the study and practice of etudes/exercises, sight-reading materials, performance etiquette, guest presenters, and repertoire which will survey the various stylistic periods as appropriate to that instrument/voice. The materials and literature studied will demonstrate increasing difficulty as the semesters continue. Semester lesson fee. Prerequisite(s): MUSC 131.

**MUSC 231 Studio Applied Lessons IV (1)** Eight-semester sequence of private lessons at the college level including 12 half-hours of instruction arranged with the Instructor through the Music department, as well as scheduled assemblies with all private lesson students. Technique and musicianship for a particular instrument/voice will be developed through the study and practice of etudes/exercises, sight-reading materials, performance etiquette, guest presenters, and repertoire which will survey the various stylistic periods as appropriate to that

instrument/voice. The materials and literature studied will demonstrate increasing difficulty as the semesters continue. Semester lesson fee. Prerequisite(s): MUSC 230.

**MUSC 330 Studio Applied Lessons V (1)** Eight-semester sequence of private lessons at the college level including 12 half-hours of instruction arranged with the Instructor through the Music department, as well as scheduled assemblies with all private lesson students. Technique and musicianship for a particular instrument/voice will be developed through the study and practice of etudes/exercises, sight-reading materials, performance etiquette, guest presenters, and repertoire which will survey the various stylistic periods as appropriate to that instrument/voice. The materials and literature studied will demonstrate increasing difficulty as the semesters continue. Semester lesson fee. Prerequisite(s): MUSC 231.

**MUSC 331 Studio Applied Lessons VI (1)** Eight-semester sequence of private lessons at the college level including 12 half-hours of instruction arranged with the Instructor through the Music department, as well as scheduled assemblies with all private lesson students. Technique and musicianship for a particular instrument/voice will be developed through the study and practice of etudes/exercises, sight-reading materials, performance etiquette, guest presenters, and repertoire which will survey the various stylistic periods as appropriate to that instrument/voice. The materials and literature studied will demonstrate increasing difficulty as the semesters continue. Semester lesson fee. Prerequisite(s): MUSC 330.

**MUSC 430 Studio Applied Lessons VII (1)** Eight-semester sequence of private lessons at the college level including 12 half-hours of instruction arranged with the Instructor through the Music department, as well as scheduled assemblies with all private lesson students. Technique and musicianship for a particular instrument/voice will be developed through the study and practice of etudes/exercises, sight-reading materials, performance etiquette, guest presenters, and repertoire which will survey the various stylistic periods as appropriate to that instrument/voice. The materials and literature studied will demonstrate increasing difficulty as the semesters continue. Semester lesson fee. Prerequisite(s): MUSC 331.

**MUSC 431 Studio Applied Lessons VIII (1)** Eight-semester sequence of private lessons at the college level including 12 half-hours of instruction arranged with the Instructor through the Music department, as well as scheduled assemblies with all private lesson students. Technique and musicianship for a particular instrument/voice will be developed through the study and practice of etudes/exercises, sight-reading materials, performance etiquette, guest presenters, and repertoire which will survey the various stylistic periods as appropriate to that instrument/voice. The materials and literature studied will demonstrate increasing difficulty as the semesters continue. Semester lesson fee. Prerequisite(s): MUSC 430.

## **Music Education Courses**

**MUSC 220 Teaching PK - 6 Music in the 21st Century (4)** The purpose of this course is to introduce pre-service teachers to current methods of teaching general music from Pre-K to grade 6. Students will experience methods and materials used to teach general music, including a variety of resources, instruments, classroom visits, and technology. Professionalism, instructional planning, administration, assessment, classroom management, and general musicianship are among the necessary skills developed in this course. Prerequisite(s): MUSC 111.

**MUSC 420 Secondary Choral and Instrumental Methods (4)** This course is designed to engage the pre-teacher of the middle and high school choral, band and orchestra programs with the methods, materials and experiences needed to be successful teachers. Co-taught by choral and instrumental music education faculty members, topics covered will include: the history of music education in schools, philosophies of music education, working with adolescent wind, string, and percussion instrumentalists, marching band, choral and general music students, musical theatre, technology, performance and non-performance classes, festivals and associations, administrating the program, planning, budgeting and classroom management. National and State Standards in music education will also be studied. Prerequisite(s): MUSC 220.

**MUSC 491 Music Student Teaching Internship (0)** Offered Fall and Spring semesters only. This course is the PK-12 student teaching internship semester required of all BMed candidates. During the Student Teaching semester, the candidate will complete a maximum 18-week internship in approved Elementary, Middle, and Secondary school settings under the direct supervision of experienced certified and tenured Music Teachers. Weekly seminars and weekly journal writing, assigned readings, attendance at regular activities of the music teacher, such as departmental meetings, music conferences, and competitions, and full-time teaching in the classroom and rehearsal room will take place. Placements are made and secured no less than one semester in advance through the School of Education in consultation with the Music Department.

# Nursing

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**Suzanne Keep, Ph.D., R.N. Site Director;**

**Robi Thomas Ph.D., RN, FPMHNP-BC; Sr. Linda Thiel OP, Ph.D., RN; Becky Nauta Ph.D., RN, CNML; Ivy Razmus Ph.D., RN, WOCN; Jeana Wisinski RN, MSN, CCRN-BC**

**Bachelor of Science in Nursing in Grand Rapids.** The University of Detroit Mercy, Aquinas College and Mercy Health Saint Mary's have partnered to bring the University of Detroit Mercy BSN degree to West Michigan.

The curriculum is built upon a foundation of liberal arts and theoretical sciences. Liberal arts/general education and nursing courses will be offered at Aquinas College. The curriculum is equivalent to the University of Detroit BSN pre-licensure program. It requires four years of study, including all class work at Aquinas taught by Aquinas College and University of Detroit Mercy faculty, and clinical experience at Mercy Health Saint Mary's facilities throughout West Michigan.

University of Detroit Mercy provides credits in all the nursing and support courses, pharmacology and pathophysiology. Aquinas provides credits in microbiology, nutrition, liberal arts and science courses which have been approved by the University of Detroit Mercy Core Curriculum Committee. Students graduate with a Bachelor of Science in Nursing from the University of Detroit Mercy. This unique partnership has been approved by the Michigan Board of Nursing and the NLNAC and has CCNE certification.

**University Core Curriculum.** All undergraduate degree students at University of Detroit Mercy are required to fulfill the objectives of the University's Core Curriculum. The curriculum consists of courses designed to meet objectives which ensure that students receive an overall education consistent with the mission of the University.

## MSON Pre-licensure Curriculum:

- BY155: Anatomy/Physiology 1 & lab
- CY140: General Organic and Biochemistry
- MS111: Intermediate Algebra
- GE101: Inquiry and Expression
- BY156: Anatomy/Physiology 2&lab
- SY101: Introduction to Sociology
- CN101: Speech
- BYN230: Microbiology and Lab
- NUR3380: Pathophysiology
- NUR2100: Introduction to Nursing Practice In Mercy and Jesuit Traditions
- NUR2200: Health Assessment and Physical Examination
- NUR2500: Fundamentals of Nursing Practice
- NUR2520: Fundamental Skills lab
- NUR3100: Mental Health Nursing
- NUR3150: Mental Health Practicum
- NUR3200: Med/Surg1 Nursing
- NUR3210: Med/Surg1 Practicum
- NUR3310: Pharmacology II
- NUR3800: Maternal Child Nursing
- NUR3810: Maternal Child Practicum
- NUR3700: Med-Surg II
- NUR3750: Med-Surg II Practicum
- NUR4300: Community Health Nursing
- NUR 4600 Nursing Leadership
- PG100: Introduction to Psychology
- NUR1000: Freshman Success
- Historical Experience E1
- PH101: Introduction to Philosophical Thinking
- NUR1010: Freshman Success
- KN252: Nutrition
- Literary Experience E2
- NUR2540: Fundamental of Practicum
- HLH2550: Population Health & Epidemiology
- NUR2120: Nursing Informatics
- NUR3300: Pharmacology 1
- PH244: Medical Ethics
- Religion D2
- NUR4226: Applied Statistics for Nursing
- NUR 4100: Pediatric Nursing
- NUR 4150: Pediatric Nursing Practicum
- NUR4350: Community Health Nursing Practicum
- NUR4500: Nursing Research & EBP
- NUR4650 Nursing Leadership Immersion

- NUR 4755 Professional Practice from Mercy and Jesuit Perspectives
- OB4C 2nd Religion or philosophy
- Aesthetic Experience E3
- NUR 4652 Senior Seminar

Total Credits: 126

Supportive core MUST earn C or better in these courses in order to progress. The supportive core courses are:

- |               |          |           |
|---------------|----------|-----------|
| - CHEM140     | - BYN230 | - MAT110  |
| - BIO155 (NL) | - KIN245 | - SOC10   |
| - BIO156      | - PSY100 | - PHIL330 |

Nursing core - must earn C or higher in all Nursing (NUR) courses. There are other requirements in addition to coursework.

The following courses with a BIO, BYN, HLH or NUR designation are University of Detroit Mercy courses. Descriptions and credit for these courses are provided through the University of Detroit Mercy.

### Course Descriptions:

**BYN230 Microbiology for the Health Sciences (4)** Pre-requisites: BY155, BY156.

**CY140 General, Organic and Biochemistry (3)** This is a one-semester survey of chemistry open to students in the UDM nursing program. It will introduce students to atomic and molecular structure, energy, gases, solutions, chemical quantities and reactions, acid/base chemistry, nuclear chemistry, biologically relevant organic compounds, the structure and function of biological molecules, and the metabolic pathways involved in energy production. Three hours of lecture and one hour of recitation per week. This course is not accepted for the Natural World Physical Science requirement. Prerequisites: MS111; May be taken concurrently.

**KN252 Nutrition for Nurses (3)** Basic principles of nutrition and its application to health and wellness as it relates to practitioners in the nursing field.

**HLH 2550 Population Health and Epidemiology (3)** This course will explore the determinants of health outcomes within groups of individuals. The health outcomes of morbidity, mortality, quality of life and disparities will be examined through the reciprocal determinant factors of health, individual behavior, social environment, physical environment, and genomics. The student will analyze how policies and programs impact health outcomes within current urban and global health care settings.

**NUR 1000 Freshman Success Seminar I: Developing the Skills You Need to Succeed in the Traditional BSN Program (0)** The purpose of this course is to assist freshman nursing students in successfully transitioning from high school to higher education. This course focuses on 1) developing strong study, organizational, and coping skills; 2) familiarizing the student with university and department resources to aid in their academic success; and 3) increasing the student's engagement in the McAuley School of Nursing (MSON) during their freshman year when they complete foundational science courses, but otherwise are not enrolled in core nursing courses. Past research has shown that students are most successful when they feel connected and supported both academically and socially during their educational experience, particularly their first year (Tinto, 1993; Jeffries, 2004; Stokes, 2013; Strayhorn, 2008). There are typically six large group sessions purposely scheduled over the entire academic year during times that do not interfere with the required Freshman class schedule in order to facilitate attendance and participation. Students will also be assigned small group "learning circles," which will allow them to get to know several peers in a more personal way and establish a circle of support. Part I focuses on study habits, stress management and test taking.

**NUR 1010 Freshman Success Seminar II: Developing the Skills You Need to Succeed in the Traditional BSN Program (0)** The purpose of this course is to assist freshman nursing students in successfully transitioning from high school to higher education. This course focuses on 1) developing strong study, organizational, and coping skills; 2) familiarizing the student with university and department resources to aid in their academic success; and 3) increasing the student's engagement in the McAuley School of Nursing (MSON) during their freshman year when they complete foundational science courses, but otherwise are not enrolled in core nursing courses. Past research has shown that students are most successful when they feel connected and supported both academically and socially during their educational experience, particularly their first year (Tinto, 1993; Jeffries,



2004; Stokes, 2013; Strayhorn, 2008). There are typically six large group sessions purposely scheduled over the entire academic year during times that do not interfere with the required Freshman class schedule in order to facilitate attendance and participation. Part II focuses on developing professional contacts, behaviors, and networking for success; as well as academic and career planning.

**NUR2100 Introduction to Nursing Practices in Mercy and Jesuit Traditions (2)** This course focuses on the development of self-awareness and person centered care for nurses graduating in the Mercy and Jesuit traditions. Students are taught the meaning of Mercy and Jesuit care, health of people and safety & quality issues. In addition, the concepts of person centered care, communication, evidenced based practices, art of nursing and teamwork and collaboration are addressed. Development of a philosophy in the Mercy and Jesuit traditions of care in a professional nursing role is approached from a perspective of historical tradition, spirituality, social justice, reflective thinking and a values-centered professional education. An introduction to servant leadership with service to the community is included. Prerequisites: PG100

**NUR2120 Nursing Informatics (3)** This course will provide students with foundational knowledge and skills in nursing informatics necessary for the safe provision of nursing care. Core concepts of nursing informatics will be introduced including data, information, and knowledge. Students will gain a basic understanding of computers and how they work, as they gain technical competencies of nurse generalists in practice. Students will apply technology to nursing practice including the use of the electronic health record (EHR) for documentation and coordination of clinical care. The systems life cycle will be introduced, including the nurse generalist's role in the design, selection, implementation and evaluation of technology to support patient care. The use of nursing informatics to support patient safety and enhance patient outcomes will be addressed including decision support and information management functions that lead to best practices.

**NUR2200 Health Assessment and Physical Examination (2)** This course focuses on the process of health assessment of adults. Utilizes communication & interviewing techniques to obtain a basic health history that incorporates spiritual, socio-cultural, psychological, and physical dimensions. Person centered caring practices are expanded to include issues of privacy, confidentiality, and responses to diversity. Medical terminology and abbreviations are reinforced including proper documentation of history and assessment findings. Laboratory experience provides students with opportunities to perform specific physical assessments. Co-requisites: NUR2500 NUR2520 NUR2540 NUR2520 NUR2540.

**NUR2500 Fundamentals of Nursing Practice (3)** This course introduces the nursing process as a strategy for making evidence based clinical judgments. Mercy and Jesuit values are reinforced as the foundation for implementing person centered care to meet the physiological and psychosocial needs of adult patients in various health care settings. Maintaining and improving the health of people are presented incorporating safety and quality standards. Prerequisites:

- MS111
- GE101
- BY156
- PG100
- BY155
- SY101

Minimum Grade of C, May not be taken concurrently: Co-requisites: NUR2200

**NUR2520 Nursing Skills Lab (1)** This laboratory course emphasizes development of psychomotor skills necessary to maintain or improve the health of people. Underlying scientific principles and evidence to support effectiveness of procedures are discussed. Critical thinking skills are challenged to recognize and react to unexpected situations when carrying out skills and procedures. Prerequisites:

- MS111
- GE101
- BY156
- PG100
- BY155
- SY101

Minimum Grade of C, May not be taken concurrently: Corequisites: NUR2500 NUR2540

**NUR2540 Fundamentals of Nursing Practicum (2)** This clinical course provides students with the opportunity to impact the health of people in acute and subacute care settings under the supervision of clinical instructors. Assessment skills and nursing procedure skills are carried out with attention to safety, infection control, and human dignity considerations. Prerequisites: NUR3380 (Minimum Grade of C, May not be taken concurrently) Corequisites: NUR2200 NUR2500; Pre-req NUR2520

**NUR3100 Mental Health Nursing (3)** This course provides the theoretical base to prepare nurses to become

competent to meet the mental health and psychiatric needs of people. The interrelationship between the physical, mental & spiritual characteristics of patients (synergy) is examined. Social justice from a Mercy and Jesuit perspective in addition to safety & quality issues related to adult mental health patients are explored within the framework of health care delivery systems. Prerequisites:

- NUR2200
- NUR2520
- NUR2500
- NUR2540

Minimum Grade of C, May not be taken concurrently: Corequisites: NUR3150

**NUR3150 Mental Health Nursing Practicum (2)** During this clinical course, students practice mental health theories in clinical settings under the supervision of clinical instructors. Leadership and systems thinking concepts are expanded and practiced in the mental health clinical setting. Prerequisites:

- NUR2540
- NUR2500
- NUR2540
- NUR2200
- NUR2520

Minimum Grade of C, May not be taken concurrently: Co-requisites: NUR3100

**NUR3200 Medical Surgical Nursing I (3)** This course is the first of a two semester medical surgical sequence. Emphasis is placed upon assessment and management of physical and psychological symptoms related to common diseases and treatments and anticipation and management of health-related complications. Social, physical, psychological, and spiritual responses of the individual throughout the course of illness will be addressed.

**NUR3210 Medical Surgical Nursing I Practicum (2)** This clinical experience integrates principles from nutrition, pharmacology, pathophysiology and nursing science to provide a foundation for clinical judgment and decision making. Emphasis is placed on application of the nursing process to individuals with common/recurring acute and chronic illnesses. Prerequisites:

- NUR2200
- NUR2520
- NUR2500
- NUR2540

Minimum Grade of C, May not be taken concurrently: Corequisites: NUR3200

**NUR3300 Pharmacology I (2)** This course is the beginning of a two semester sequence focusing on preparing nursing students with a foundation of the basic principles and concepts of pharmacology and pharmacotherapeutics. Major drug categories will be presented as they relate to the management and treatment of specific disease states discussed in other nursing courses within the same semester. The course will assist the student in outlining: drug classes, therapeutic uses, general and adverse side effects, as well as drug interactions. Implications associated with the administration, monitoring, access to medications, and nursing interventions are incorporated. Prerequisites:

- NUR2100
- NUR2200
- NUR2520
- NUR2120
- NUR2500
- NUR2540

Minimum Grade of C, May not be taken concurrently

**NUR3310 Pharmacology II (2)** This course is the second part of a two semester sequence focusing on preparing nursing students with a foundation of the basic principles and concepts of pharmacology and pharmacotherapeutics. Major drug categories will be presented as they relate to the management and treatment of specific disease states discussed in other nursing courses within the same semester. The course will assist the student in outlining: drug classes, therapeutic uses, general and adverse side effects, as well as drug interactions. Implications associated with the administration, monitoring, and nursing interventions are incorporated.

Prerequisites: NUR3300 (Minimum Grade of C, May not be taken concurrently)

**NUR3380 Pathophysiology (4)** Introductory study of disease, its causes, and the body changes that accompany them. Specific diseases are discussed, including the pathogenesis as well as the morphological and physiological basis of the manifestation of each disease. Treatment of each disorder, including the rationale of the therapy, is also discussed. Prerequisites: BY155, BY156. Co-requisite: NUR2860, NUR2870, NUR2800.

**NUR3800 Maternal Child Nursing (3)** This course provides the knowledge and conceptual base for nursing care of women and their families in childbearing and across the lifespan in both health and illness dimensions from a Mercy and Jesuit perspective. The course will focus on the characteristics of women and their childbearing health while developing leadership skills and systems thinking within obstetrical health care settings. Pre-requisites:

- NUR3100
- NUR3150
- NUR3200
- NUR3210
- NUR3300

Minimum Grade of C, May not be taken concurrently: Co-requisites: NUR3810

**NUR3810 Maternal Child Nursing Practicum (2)** During this clinical course, students practice learned obstetrical theories in clinical settings under the supervision of clinical instructors. Leadership and systems thinking concepts are further expanded and practiced in women's health clinical settings Prerequisites:

- NUR3100
- NUR3150
- NUR3200
- NUR3210
- NUR3300

Minimum Grade of C, May not be taken concurrently: Co-requisites: NUR3800

**NUR3700 Medical Surgical Nursing II (3)** This course is the second of a two semester medical surgical courses. Prerequisites:

- NUR3100
- NUR3150
- NUR3200
- NUR3210
- NUR3300

Minimum Grade of C, May not be taken concurrently: Co-requisites: NUR3750

**NUR3750 Medical Surgical Nursing II Practicum (2)** This clinical experience uses principles from psychiatric nursing, adult health nursing, pharmacology, pathophysiology and the social sciences to provide a foundation for clinical judgment and decision making. Application of the nursing process is emphasized in acute care. In addition to addressing the care of individuals, students will engage in collaboration, delegation, and prioritization skills. Prerequisites:

- NUR3100
- NUR3150
- NUR3200
- NUR3210
- NUR3300

Minimum Grade of C, May not be taken concurrently: Corequisite: NUR3700

**NUR4100 Pediatric Nursing (3)** This course provides the theoretical base to prepare nursing students to become competent to care for children and their families from a Mercy and Jesuit perspective. The course focuses on the characteristics of children and their relationship with their families. The health of pediatric patients while developing leadership skills and systems thinking within a variety of health care settings will be emphasized. Pre-requisites:

- NUR3100
- NUR3150
- NUR3200
- NUR3210
- NUR3300

Minimum Grade of C, May not be taken concurrently: Co-requisites: NUR4150 Pediatric Nursing Practicum

**NUR4150 Pediatric Nursing Practicum (2)** During this course, students practice learned pediatric theories in health care settings under the supervision of clinical instructors. Leadership and systems thinking concepts are further expanded and practiced in health care settings pertaining to children. Prerequisites:

- NUR3100
- NUR3150
- NUR3200
- NUR3210
- NUR3300

Minimum Grade of C, May not be taken concurrently: Corequisite: NUR4150

**NUR4226 Applied Statistics for Nursing (3)** This course introduces statistical methods used for the analysis of data relevant to nursing. The course also provides a foundation such that students can read and interpret statistics in written research reports.

**NUR4300 Community Health Nursing (3)** This course focuses on the dynamic relationship between the health

of the community and the development of inter-professional partnerships to promote health and prevent disease. Healthy People indicators, principles of epidemiology, and public health will be discussed including health care access, environmental health, ethical issues and cultural aspects of health behavior. Students will analyze the various roles of the nurse in both community-oriented and community-based nursing practice Prerequisites:

- NUR3310
- NUR3800
- NUR4100 Pediatric Nursing
- NUR4150 Pediatric Nursing Practicum
- NUR3810

Minimum Grade of C, May not be taken concurrently: Co-requisites: NUR4350

**NUR4350 Community Health Nursing Practicum (2)** This clinical course provides the student with an opportunity to design and implement a health promotion, risk reduction or disease prevention project for an aggregate within the community. Student activities will emphasize organizational management of previously learned skills (application of the nursing process, health assessment and interpersonal communication skills) with public health nursing skills (epidemiological principles, public health policy, environmental issues and health care access). Prerequisites:

- NUR3310
- NUR3800
- NUR4100 Pediatric Nursing
- NUR4150 Pediatric Nursing Practicum
- NUR3810

Minimum Grade of C, May not be taken concurrently: Co-requisites: NUR4300

**NUR4500 Nursing Research and Evidence Based Practice (3)** This course explores the scientific process and nursing research including its utilization in health care. Emphasis is placed on use of the research process for solving clinical problems, enhancing clinical judgments, and measuring phenomena in clinical practice.

**NUR4600 Nursing Leadership (2)** This course focuses on issues of gender and leadership in healthcare. Organizational leadership and management theories are presented along with strategic planning, change, quality management, fiscal management and human relations skills. Feminist theories of power and leadership, gendered communications, masculinity within a female dominant profession and the tradition of nursing that has denied equality between nurses and other healthcare providers are addressed from a Mercy and Jesuit perspective.

**NUR4650 Nursing Leadership Immersion (3)** The focus of the clinical immersion course is to facilitate the transition of the student into a professional baccalaureate-nursing role within an interdisciplinary, population-based model of care. Concepts of prioritization, delegation, leadership, teamwork and collaboration are demonstrated in the delivery of people centered care in an acute care setting under the guidance of a registered nurse. Pre-requisites:

- NUR3700
- NUR3750
- NUR3310
- NUR3800
- NUR3810
- NUR4300
- NUR4350

Minimum Grade of C, May not be taken concurrently

**NUR4652 Senior Seminar (1)** This course provides an opportunity for the student to review previously learned nursing theory and concepts in preparation for the National Licensing Examination. Safety and quality as essential concepts with application to health promotion and illness management across the lifespan are addressed.

**NUR4755 Professional Practice from a Mercy and Jesuit Perspective (3)** This course focuses on using social justice as a framework for developing a professional practice that emphasizes a comprehensive, holistic approach in assisting populations at risk. The student's professional responsibility as a change agent on social issues that affect the individual, family and society are explored from a Mercy and Jesuit perspective. Emphasis is on communication and collaboration with other professionals.

# Philosophy

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Daniel Wagner, Ph.D., Chair

**Mission Statement.** Following the teaching of St. Thomas Aquinas and his fellow Dominicans, Aquinas College Philosophy seeks *contemplare et contemplata aliis tradere*: to contemplate and to hand the fruits of contemplation on to others. Inspired by wonder and seeking the truth to be perfected in our nature, we follow Socrates in answering the charge, γνῶθι σεαυτόν (*gnōthi seauton*)—know thyself. Fundamental questions in Philosophy are ordered to the truth about reason and the person in relation to nature, the good and nourishing of the individual and the community, and God.

**Student Learning Outcomes.** The Philosophy Department at Aquinas College is committed to the following goals.

1. Generally, to provide students with the skills of critical thinking and expression essential to Liberal Arts education. More particularly, by synthesizing historical and systematic philosophical approaches, to provide a foundation so that students may engage important perennial philosophical questions, and address them well in dialogue and in writing. These questions—such as what is Truth? Reality? The Human Person? The Good? Power? Justice? The Divine?—are foundational to human flourishing in general, and for success in the particular disciplines. Acquiring the skills for answering them logically, soundly, and persuasively is invaluable to the intellectual life and virtue of the person, the College, and the Civic Community. In accord with our Dominican mission, this is to seek truth for individual perfection and the common good.
2. Taking inspiration from our namesake, St. Thomas Aquinas, to give attention to the relationship between faith and reason as it has developed in the perennial philosophical tradition and the Catholic Intellectual tradition of which St. Thomas Aquinas is such an integral part.
3. To develop an interest in pursuing a Philosophy Major as a basis for professional work in philosophy, law, medical or environmental ethics, journalism, teaching or public policy work. This requires ongoing contact on the part of the department members with the majors in order for them to tailor their degree to their particular professional goals, and requires a faculty with diverse research and teaching interests, methodologies and professional experiences which are conducive to supporting a Philosophy Major.
4. Finally, philosophy has traditionally sought holistic and unifying theoretical insight into foundational issues pertaining to the various disciplines of human knowledge, whether they are of a logical or methodological, ethical, or metaphysical nature. Accordingly, Aquinas College Philosophers are regularly engaged in interdisciplinary dialogue, teaching, research, and scholarship.

# PHILOSOPHY MAJOR

*Bachelor of Arts*

2023-2024

**Major Requirements:** Thirty-four (34) semester hours.

At least sixteen (16) semester hours must be taken at Aquinas.

Courses offered as either a 200 or 300 level may only be taken one time.

A minimum 2.0 GPA is required for the major.

Only courses with a grade of C- or better will count toward the major.

## AQUINAS REQUIREMENTS

		GRADE	PREREQUISITES
_____	PHIL 100 Know Thyself	4.0	_____
_____	PHIL 200 Logic	4.0	_____
_____	PHIL 215 Ethics	4.0	_____
_____	PHIL 225 Medieval Philosophy	4.0	_____
_____	PHIL 303 First Philosophy	4.0	PHIL 100
_____	PHIL 304 Modern Philosophy	4.0	_____
_____	PHIL 400 Senior Capstone	2.0	Declared Philosophy major, Junior or Senior status

**Choose eight (8) semester hours of Philosophy courses with a minimum of four (4) hours at the 300 level:**

_____	_____	4.0	_____
_____	_____	4.0	_____

# PHILOSOPHY MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least twelve (12) semester hours must be taken at Aquinas.

A minimum of two (2) courses must be at the 300 level or above.

A minimum 2.0 GPA is required for the minor.

Only courses with a grade of C- or better will count toward the minor.

## AQUINAS REQUIREMENTS

		GRADE	PREREQUISITES
_____	PHIL 100 Know Thyself	4.0	_____
_____	PHIL 200 Logic	4.0	_____

**Choose twelve (12) semester hours of Philosophy electives:**

_____	_____	4.0	_____
_____	_____	4.0	_____
_____	_____	4.0	_____

## **Course Descriptions:**

**PHIL 100 Know Thyself (4)** Introducing students to basic principles of logic necessary for critical thinking and its expression in written and oral forms, this course treats the perennial question of the nature of the human being in historical and systematic terms. Following Socrates, we answer the charge: γνῶθι σεαυτόν (gnōthi seauton) or ‘know thyself.’ With focus on the historical origin of Philosophy in Ancient Greece, this course covers the thought of Plato and Aristotle in dialogue with St. Thomas Aquinas, Descartes, Hume, and Jean-Paul Sartre, treating key aspects of human nature relating to knowledge (epistemology), body and soul (philosophical anthropology), the good (ethics), and the divine (metaphysics).

**PHIL 200 Logic (4)** This course forms basic intellectual habits for employing, analyzing, and criticizing arguments, including deductive and inductive reasoning, recognizing common fallacies, and understanding and criticizing analogical and causal arguments.

**PHIL 201 The Philosophy of St. Thomas Aquinas (4)** Introducing students to the life and works of St. Thomas Aquinas in relation to the perennial Catholic and Dominican traditions, this course treats the Angelic Doctor’s philosophical contributions in nature, epistemology, philosophical anthropology, ethics, and metaphysics.

**PHIL 202 The Philosophy of Karol Wojtyła (4)** This course is devoted to the post-modern philosophical thought of Karol Wojtyła, or St. Pope John Paul II. Having reviewed the historical context for Wojtyła’s Thomistic-Personalism in the realism and ethics of Aristotle and St. Thomas Aquinas, and the phenomenology of Edmund Husserl, this course treats essential works of philosophy in the corpus of Wojtyła including the Lublin Essays, The Acting Person, Love and Responsibility, and related texts of the encyclical tradition. Special attention is given to Wojtyła’s phenomenological and Thomistic-Aristotelian method, his philosophical anthropology, and treatment of the human good and the relation of person and God.

**PHIL 205 Philosophy & Film (4)** This course explores themes in nature, epistemology, philosophical anthropology, ethics, and metaphysics as they are presented in film. Students will read classic texts in philosophy on these themes paired with films.

**PHIL 210 What is Justice? (4)** In Socratic fashion, this course seeks an answer to the question: what is justice? Taking a historical approach, the class puts key figures from the Pre-Socratics, Plato, Aristotle, St. Thomas Aquinas, Hobbes, Locke, Hume, Mill, Kant, and Marx into dialogue. Special attention is given to the ancient and perennial question of the relation between law/custom, nature, and justice, to the meaning of justice in relation to the human individual and common good, and to the relation of the divine to justice.

**PHIL 215 Ethics (4)** This course treats the major systematic approaches to ethical theory in the history of philosophy including virtue ethics, natural law, utilitarianism, deontology, and emotivism. Students will learn to logically evaluate the fundamental principles of ethical systems in connection with their conclusions, and become capable of treating the meaning of good and bad and right and wrong in philosophical dialogue in our pluralist society.

**PHIL 220 Ancient Philosophy (4)** This course traces the historical development of Ancient Greek discussions of nature and metaphysics, knowledge, philosophical anthropology, and the ethics born of the love of wisdom for its own sake. The primary texts considered in this course are those of the fragments and testimonia (selections) of the Pre-Socratics beginning with Thales of Miletus (6th Century BC), and essential texts from Plato, Aristotle (5th-4th Century BC), and the Hellenistic period, including Lucretius and Epictetus.

**PHIL 225 Medieval Philosophy (4)** This course treats the historical development of Medieval philosophy, beginning with its ancient precursor, St. Augustine, and then turning to Boethius, Avicenna, St. Anselm, Al-Ghazali, St. Albert the Great, St. Thomas Aquinas, and William of Ockham. Special attention is given to themes relating to nature and the relation of faith and reason, the problem of evil, free will, the existence of God, and the problem of universals. Medieval philosophy is placed in dialogue with its Ancient sources and Modern progeny.

**PHIL 230 Medical Ethics (4)** This course introduces students to the principles of medical ethics and their application. A Thomistic model of medicine in relation to the principles of nature, the human person, and the human good is disclosed, as is the human act and principles for moral evaluation, by which students will synthetically determine whether or not clinical cases of medical action may be indicated. Students will also learn to apply the principles of utilitarian and deontological ethical systems. The course will consider various particular cases in medical ethics, such as: beginning of life (abortion, contraception, NFP, in vitro fertilization, NaPro technology, and genetic screening, counseling, and editing), end of life (DNR, PAS, Euthanasia, pacemaker), organ transplants, psychosurgery, informed consent, experimentation, and broad issues like allocation, the commodification of medicine, and conscientious objection.

**PHIL 235 Environmental Philosophy (4)** This course treats environmental philosophy through a Thomistic model

centering on the principles of nature, the human person, the human good, the ethical community and justice, creation, and stewardship. In dialogue with major figures in modern conservationism and environmentalism, such as Leopold and Muir, the class examines questions pertaining to the natural environment in relation to human flourishing, sustainability, the value of nature and creation, conservation and preservation, pollution, and climate change.

**PHIL 240 Variable Topics (4)** Variable topics in philosophy are offered in areas including but not limited to, Epistemology, Metaphysics, Ethics, the Human Act, Political Thought, the Philosophy of Language, Phenomenology, Semiotics, and Philosophy of Law.

**PHIL 300 Philosophy & Ancient Greek (4)** This course serves as an introduction to translating Ancient Attic Greek texts in Philosophy. Gaining foundational habits and understanding of Greek forms, grammar, syntax, and vocabulary, students will learn to critically read Ancient Greek texts in comparison with contemporary English translations and obtain principle skills necessary for producing philosophical translations of the primary texts of thinkers such as Plato and Aristotle.

**PHIL 301 The Philosophy of St. Thomas Aquinas (4)** Introducing students to the life and works of St. Thomas Aquinas in relation to the perennial Catholic and Dominican traditions, this course treats the Angelic Doctor's philosophical contributions in nature, epistemology, philosophical anthropology, ethics, and metaphysics.

**PHIL 302 The Philosophy of Karol Wojtyła (4)** This course is devoted to the post-modern philosophical thought of Karol Wojtyła, or St. Pope John Paul II. Having reviewed the historical context for Wojtyła's Thomistic-Personalism in the realism and ethics of Aristotle and St. Thomas Aquinas, and the phenomenology of Edmund Husserl, this course treats essential works of philosophy in the corpus of Wojtyła including the Lublin Essays, *The Acting Person*, *Love and Responsibility*, and related texts of the encyclical tradition. Special attention is given to Wojtyła's phenomenological and Thomistic-Aristotelian method, his philosophical anthropology, and treatment of the human good and the relation of person and God.

**PHIL 303 First Philosophy (4)** Following the original and ancient formulation in Aristotle, first philosophy treats foundational principles in epistemology, metaphysical knowledge of being qua being, and natural theology. St. Thomas Aquinas' development of Aristotelian natural theology is then treated, giving special attention to the distinction between essence (*essentia*) and existence (*esse*), the doctrine of creation *ex nihilo*, the transcendentals, and the relation of faith (*fides*) and reason (*ratio*). These ancient and medieval approaches to first philosophy are placed in dialogue with the moderns (e.g., Hume, Kant, Jean Paul Sartre). The course concludes by treating key issues pertaining to the metaphysics of the human person. Prerequisite(s): PHIL 100.

**PHIL 304 Modern Philosophy (4)** This course treats the historical development of Modern philosophy, including its founder Descartes, along with Hobbes, Locke, Hume and Kant. Special attention is given to the systematic approaches of these thinkers with respect to nature, epistemology, ethics, and metaphysics. Modern thought is placed in dialogue with its Ancient and Medieval sources and with the Post-Modern reaction.

**PHIL 305 Philosophy & Latin (4)** This course serves as an introduction to translating Classical and Medieval Latin texts in Philosophy. Gaining foundational habits and understanding of Latin forms, grammar, syntax, and vocabulary, students will learn to critically read Latin texts in comparison with contemporary English translations and obtain principle skills necessary for producing philosophical translations of the primary texts of thinkers such as our namesake, St. Thomas Aquinas.

**PHIL 310 What is Justice? (4)** In Socratic fashion, this course seeks an answer to the question: what is justice? Taking a historical approach, the class puts key figures from the Pre-Socratics, Plato, Aristotle, St. Thomas Aquinas, Hobbes, Locke, Hume, Mill, Kant, and Marx into dialogue. Special attention is given to the ancient and perennial question of the relation between law/custom, nature, and justice, to the meaning of justice in relation to the human individual and common good, and to the relation of the divine to justice.

**PHIL 320 Ancient Philosophy (4)** This course traces the historical development of Ancient Greek discussions of nature and metaphysics, knowledge, philosophical anthropology, and the ethics born of the love of wisdom for its own sake. The primary texts considered in this course are those of the fragments and testimonia (selections) of the Pre-Socratics beginning with Thales of Miletus (6th Century BC), and essential texts from Plato, Aristotle (5th-4th Century BC), and the Hellenistic period, including Lucretius and Epictetus.

**PHIL 325 Medieval Philosophy (4)** This course treats the historical development of Medieval philosophy, beginning with its ancient precursor, St. Augustine, and then turning to Boethius, Avicenna, St. Anselm, Al-Ghazzali, St. Albert the Great, St. Thomas Aquinas, and William of Ockham. Special attention is given to themes relating to nature and the relation of faith and reason, the problem of evil, free will, the existence of God, and the problem of universals. Medieval philosophy is placed in dialogue with its Ancient sources and Modern progeny.

**PHIL 330 Medical Ethics (4)** This course introduces students to the principles of medical ethics and their



application. A Thomistic model of medicine in relation to the principles of nature, the human person, and the human good is disclosed, as is the human act and principles for moral evaluation, by which students will synthetically determine whether or not clinical cases of medical action may be indicated. Students will also learn to apply the principles of utilitarian and deontological ethical systems. The course will consider various particular cases in medical ethics, such as: beginning of life (abortion, contraception, NFP, in vitro fertilization, NaPro technology, and genetic screening, counseling, and editing), end of life (DNR, PAS, Euthanasia, pacemaker), organ transplants, psychosurgery, informed consent, experimentation, and broad issues like allocation, the commodification of medicine, and conscientious objection.

**PHIL 335 Environmental Philosophy (4)** This course treats environmental philosophy through a Thomistic model centering on the principles of nature, the human person, the human good, the ethical community and justice, creation, and stewardship. In dialogue with major figures in modern conservationism and environmentalism, such as Leopold and Muir, the class examines questions pertaining to the natural environment in relation to human flourishing, sustainability, the value of nature and creation, conservation and preservation, pollution, and climate change.

**PHIL 340 Variable Topics (4)** Variable topics in philosophy are offered in areas including but not limited to, Epistemology, Metaphysics, Ethics, the Human Act, Political Thought, the Philosophy of Language, Phenomenology, Semiotics, and Philosophy of Law.

**PHIL 396 Special Topics in Philosophy (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**PHIL 397 Internship in Philosophy (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**PHIL 398 Readings in Philosophy (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**PHIL 399 Independent Project in Philosophy (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**PHIL 400 Senior Capstone (2)** The aim of this course is to strengthen proper philosophical research and writing methods in line with the rigor of graduate studies in Philosophy, allowing students to make original contributions in the discipline. Prerequisite(s): Declared Philosophy major and junior or senior class standing.

**PHIL 405 Phenomenology (4)** This course treats the post-modern philosophical tradition of phenomenology with a primary focus on the work of its founder, Edmund Husserl. Contributions from Edith Stein, Martin Heidegger, and Karol Wojtyła will also be considered. Attention will be given to the Phenomenological method, intentionality, noetic-noematic analysis, transcendence and immanence, and the phenomenon of empathy. Prerequisite(s): PHIL 100.

# **Physics**

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**Sr. Damien Savino, F.S.E., Ph.D., Program Director**

**Mission Statement:** The Physics Department is primarily committed to offering classes that meet the needs of students wishing to pursue careers in engineering, chemistry, applied mathematics, the health sciences and physics education. To assure that our students get an exposure of physics that is competitive at a national level, the department has made it a policy (a) to select texts that are recognized as the best in the disciplines (b) to offer laboratory experiences that are central to the disciplines, and (c) to assign problems that challenge the imagination and skill of the students.

The department, on a secondary level, is committed to offering courses in physical science and astronomy that allow non-science majors to sample the content, history, methodology, and excitement of looking at the natural world. Such courses relate traditional topics to experiences in everyday life.

Physics is a subject that is appreciated by any person who is motivated to do so. To the extent that the Physics Department can keep pace with educational technology, scientific instrumentation, faculty renewal, and academic resources, the department will succeed in offering exciting and valuable educational experiences for our students.

## **Student Learning Outcomes.**

1. Student will develop an understanding of classical physics;
2. Students will gain an understanding of topics related to modern physics;
3. Students will read and conceptually understand recent developments in physics;
4. Students will obtain problem solving and critical thinking skills.

# PHYSICS MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least twelve (12) credits must be taken at Aquinas.

Only courses with a grade of C or better will count for the minor.

## AQUINAS REQUIREMENTS

_____	PHYS 211 General Physics w. Calculus: Mechanics	4.0
_____	PHYS 212 General Physics w. Calculus: Electricity	4.0
_____	PHYS 215 Modern Physics	4.0

## Choose eight (8) semester hours from the following:

_____	CHEM 301 Fundamental Physical Chemistry	4.0
_____	CHEM 302 Intermediate Physical Chemistry	4.0
_____	MAT 205 Statistics	4.0
_____	MAT 235 Differential Equations	4.0
_____	PHYS 105 Observational Astronomy	4.0
_____	PHYS 396 Special Topics in Physics	4.0
_____	PHYS 398 Readings in Physics	4.0
_____	PHYS 399 Independent Project	4.0
_____	PHYS 400 Experimental Investigation and Design*	4.0

\*course required if pursuing secondary education

## GRADE

## PREREQUISITES

_____	MAT 121
_____	PHYS 211
_____	PHYS 201/202 or PHYS 211/212
_____	CHEM 122, MAT 121, PHYS 211* (C- or above) *may be a coreq.
_____	CHEM 301, MAT 122, PHYS 212* (C- or above) *may be a corequisite
_____	MAT 120 or higher
_____	MAT 221
_____	Department Chair Approval
_____	Department Chair Approval
_____	PHYS 201/202 or PHYS 211/212

## **Course Descriptions:**

**PHYS 100 Physical Science (4)** An introduction to physics and astronomy for non-science majors. Laboratory and lecture experiences are integrated within regular class meetings. An emphasis is placed on experiential learning, the methodology of science and experimentation, and hands-on science. Recommended for elementary education majors and any student who wishes to acquire a broad perspective on these two areas of physical science.

**PHYS 105 Observational Astronomy (4)** A survey of the historical milestones in the development of astronomical modeling, as well as a study of the solar system and its constituents. Stars, galaxies, and cosmological models of the universe are also considered in detail. The course includes hands-on experiences with telescopes and stargazing from the Aquinas Baldwin Observatory. Intended for students with no significant exposure to the study of astronomy.

**PHYS 201 General Physics: Mechanics, Sound, Heat (4)** An introduction to the classical laws of motion, including kinematics, forces in nature, Newton's laws of motion, conservation of energy and momentum, fluid statics and dynamics, oscillations, and waves. This course is the first half of the two semester general physics sequence. It is recommended for students specializing in science. The course emphasizes quantitative and conceptual understanding of the topics in introductory physics with the use of algebra. Corequisite(s): PHYS 201L.

**PHYS 202 General Physics: Elect, Magnetism, Light (4)** An algebra/trigonometry based introduction to electricity, magnetism, harmonic motion, light and nuclear physics. This course is the second half of the two semester general physics sequence. It is recommended for students specializing in science. The course emphasizes quantitative and conceptual understanding of the topics in introductory physics without the use of calculus. Prerequisite(s): PHYS 201. Corequisite(s): PHYS 202L.

**PHYS 211 General Physics with Calculus: Mechanics (4)** A calculus-based introduction to classical physics and the fundamental concepts of forces, Newton's laws of motion, conservation of energy and momentum, fluid dynamics, oscillations, and waves. This course is the first half of the two semester general physics sequence. It is recommended for students specializing in science with a background in Calculus. Prerequisite(s): MAT 121. Corequisite(s): PHYS 211L.

**PHYS 212 General Physics with Calculus: Electricity (4)** A calculus-based introduction to classical physics and modern physics and the fundamental concepts of electricity, magnetism, light, and nuclear physics. This course is the second half of the two semester general physics sequence. It is recommended for students specializing in science with a background in Calculus. Prerequisite(s): PHYS 211. Corequisite(s): PHYS 212L.

**PHYS 215 Modern Physics (4)** A semester long course covering the study of relativity, the wave nature of particles, quantum mechanics, chemical spectra, particle and low-energy nuclear physics. Laboratory and lecture experiences are integrated within class meetings. Prerequisite(s): PHYS 202 or PHYS 212. Corequisite(s): PHYS 215L.

**PHYS 396 Special Topics in Physics (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**PHYS 398 Readings in Physics (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**PHYS 399 Independent Project in Physics (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**PHYS 400 Experimental Investigation and Design (4)** A semester-long laboratory based course that will feature an in-depth exploration of a series of selected concepts in physics. Each topic involves: the study of the concept, an experimental design to investigate the concept, and data collection and analysis. A formal report of the study, experiment, and results will be submitted as part of the course requirements. One of the concepts will be chosen by each student to be presented at a seminar session at the end of the semester. Prerequisite(s): PHYS 202 or PHYS 212. Corequisite(s): PHYS 400L.

## **Political Science**

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**Roger Durham, Ph.D., Chair**

**Molly A. Patterson, Ph.D.; Bradford Winkler, J.D.**

**Mission Statement.** The mission of the Political Science Department is to foster critical, reflective, informed, and empowered participants and citizens. The department introduces students to fundamental theoretic approaches, methods of study, and content about how people and governments behave in a political context.

# POLITICAL SCIENCE MAJOR

Bachelor of Arts

2023-2024

**Major Requirements:** Forty (40) semester hours.

At least twenty (20) semester hours must be taken at Aquinas.

A student that is double majoring in International Studies and Political Science may use a maximum of twelve (12) semester hours to fulfill both majors.

Only courses with a grade of C or better will count toward the major.

AQUINAS REQUIREMENTS		GRADE	PREREQUISITES
_____	POL 110 Struggle for American Democracy	4.0	_____
_____	POL 180 The World in Crisis	4.0	_____
_____	POL 210 U.S. Political Institutions & Policy	4.0	_____
_____	POL 350 Methods & Inquiry in Political Science	4.0	_____
_____	POL 450 Senior Capstone in Political Science (SC)	4.0	_____
_____	POL 480 International Relations (WI)	4.0	POL 180 or Instructor Consent
<b>Choose one (1) Political Theory course:</b>			
_____	PHIL 310 What is Justice?	4.0	_____
_____	POL 355 Variable Topics: Themes in Political Theory	4.0	_____
_____	WGS 300 Feminist Theory & Activism	4.0	_____
<b>Choose one (1) Comparative Politics course:</b>			
_____	POL 310 European Politics	4.0	POL 180 or Instructor Consent
_____	POL 312 Politics of Developing Countries	4.0	POL 180 or Instructor Consent
_____	POL 314 Latin American Politics	4.0	POL 180 or Instructor Consent
_____	POL 316 Middle East Politics	4.0	POL 180 or Instructor Consent
_____	POL 318 Variable Topics: Comparative Area Studies	4.0	POL 180 or Instructor Consent
<b>Choose eight (8) semester hours of Political Science electives:</b>			
_____	_____	4.0	_____
_____	_____	4.0	_____

A maximum of four (4) credits may be earned toward the eight (8) semester hours of required elective credits by taking a combination of the following courses:

- \_\_\_\_\_ POL 190(2 cr)/290(1 cr)/390(1 cr) Model United Nations
- \_\_\_\_\_ POL 191(2 cr)/291(1 cr)/391(1 cr) Model Arab League
- \_\_\_\_\_ POL 192(2 cr)/292(1 cr)/392(1 cr) AQMUN Leadership

# POLITICAL SCIENCE MINOR

2023-2024

**Major Requirements:** Twenty (20) semester hours.

At least eight (8) semester hours must be taken at Aquinas.

Only courses with a grade of C or better will count toward the minor.

## AQUINAS REQUIREMENTS

## GRADE

## PREREQUISITES

_____	POL 110 Struggle for American Democracy	4.0	_____	_____
_____	POL 180 The World in Crisis	4.0	_____	_____
_____	POL 210 U.S. Political Institutions & Policy	4.0	_____	_____

### Choose one (1) Comparative Politics course:

_____	POL 310 European Politics	4.0	_____	POL 180 or Instructor Consent
_____	POL 312 Politics of Developing Countries	4.0	_____	POL 180 or Instructor Consent
_____	POL 314 Latin American Politics	4.0	_____	POL 180 or Instructor Consent
_____	POL 316 Middle East Politics	4.0	_____	POL 180 or Instructor Consent
_____	POL 318 Variable Topics: Comparative Area Studies	4.0	_____	POL 180 or Instructor Consent

### Choose four (4) semester hours of Political Science electives:

_____	_____	4.0	_____	_____
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## **Course Descriptions:**

**POL 110 Struggle for American Democracy (4)** How do you know whether you have a democracy? Does it really matter? This course is designed to examine different interpretations of democracy, how democracy has been institutionalized in the American context, challenges facing democracy in the US, and crucial skills for civic engagement.

**POL 180 The World in Crisis (4)** This course is an introduction to the dynamics of international relations and global interaction. Students are expected to develop a basic understanding of the international system and modes of conflict and cooperation in historical as well as current international problem areas such as Yemen, Ukraine, the Middle East, Bosnia, Rwanda, Nicaragua, and other current crises. Emphasis is placed on the role of how individuals, states, and international organizations as they confront war, human rights violations, armed conflict, genocide, poverty, environmental degradation, religious confrontation and diplomacy.

**POL 190 Collegiate Model United Nations (2)** Students practice all the skills of diplomacy including negotiation, problem solving, role-playing, and compromise while representing diplomats from the 193 member states of the General Assembly of the United Nations, the Security Council, or one of many other UN Agencies at an annual Collegiate Model United Nations conference. Issues range from the US embargo on Cuba to nuclear weapons proliferation to AIDs and world hunger, to war and conflict. Emphasis is placed on the development of knowledge of the UN as well as policies of the country represented. PS 192 Model United Nations Collegiate Conference is for first-time participants. There is no prerequisite to this course – ANYONE can join.

**POL 191 Collegiate Model Arab League (2)** This two credit course is designed for first-time participants in the Michigan Model Arab League. Students will practice all the skills of diplomacy, negotiation, problem-solving, and role-playing in this important Regional International Organization. Specific committees include “Political Affairs,” “Social Affairs,” “Palestinian Affairs,” “Environmental Affairs,” “Economic Affairs,” and “Defense Affairs”. Significant time will be spent preparing country specific policies of the 22 member states of the League of Arab States. Students will generally work in pairs representing specific countries on specific committees. Additional emphasis is placed on the development of crucial cooperative and compromise skills of mediation and diplomacy. There is no prerequisite to this course – ANYONE can join.

**POL 192 Model United Nations Leadership - AQMUN (2)** This course is designed to prepare students for their participation in hosting, organizing, and leading the Annual Aquinas College High School Model United Nations Conference otherwise known as AQMUN. We will host around 100-135 high school students who will participate in role-playing delegates on separate Security Councils and an International Court of Justice simulation. AQ students will be trained as Security Council Chairs, Vice-Chairs, and Rapporteurs, as well as leadership in the ICJ. Additional staff will work in Home Government and the Emergency Crisis Simulation. Unlike the fall semester version of Model UN (where AQ students are the delegates), this class provides a very different set of experiences and skills including but not limited to: leadership, research, parliamentary procedure, public speaking, diplomacy, role-playing, teamwork, decision-making, and organization. PS 194 is for first-time leaders. There are no prerequisites to this class – ANYONE can participate.

**POL 210 US Political Institutions & Policy (4)** The creation of public policy in the US is a dynamic process involving different parts of government and input from actors inside and outside of political institutions. This class will introduce fundamental concepts and vocabulary for understanding public policy, the role of various political institutions, and ways in which political actors strategically navigate them. Students select an issue to research in depth throughout the semester in order to learn how public policy operates and to read the political landscape for different forms of power, the incentives that political actors respond to, and opportunities to advance policy goals.

**POL 212 Power and Innovation in American Cities (4)** Cities provide a distinctive lens for understanding the exercise of power and the potential for creating political change. Often treated as less-important, they can be leaders on issues of global importance. Planning, decision-making, challenges and solutions are explored in this introduction to the politics and power structures in local governments with an emphasis on urban settings in the US.

**POL 214 News, Media, and Politics (4)** An informed citizenry is central to a functioning democracy. The contemporary media environment creates distinctive challenges and opportunities for the distribution of news. This course examines the role of news in US politics and its place in an ever-changing media landscape. Students design studies to critically evaluate how news operates to inform or mislead the public and to support or undermine democratic accountability.

**POL 216 Parties and Elections (4)** Why do we have political parties? Do we actually need them? Are there alternatives? This class explores both the theory and practical politics of parties and elections, including such topics as



theories about political parties, research about voter turnout and political polarization, the impact of campaign spending, and the role that parties and elections play in democratic accountability. While particular emphasis is placed on American elections at the state and federal level, the US electoral system is often seen more clearly in contrast to both local and international alternatives.

**POL 220 Hollywood, Cinema, and Power (4)** This course is a critical examination of the role of Hollywood, the movies it produces, and the power implications thereof on society, especially politics. Cinema seeks primarily to entertain. However, movies also reflect the evolution of attitudes and policies concerning a range of public policies and issues – from war to race to civil rights and liberties. They also reflect official – and counter-official – policies toward business practices, military defense and foreign involvement. In this course students will critically examine: a) the history of Political Cinema in the United States, b) feature films that demonstrate how political ideology has affected modern politics, and c) various political issues such as race, education, foreign policy, civil liberties, class, gender and power as represented in film. Fundamental is the nexus of policy, history and Hollywood.

**POL 250 Variable: Contemporary Political Issues (4)** This course allows students to analyze important contemporary issues and political developments as they arise. The department will offer this course as it sees the need to create space for important conversations. Topics for this class will vary and students can take the class for credit under different topics. In all cases, students will practice the skills of identifying reliable information, identifying and analyzing relevant political institutions, and exploring the implications for theories of power and political change.

**POL 290 Collegiate Model United Nations (1)** This one credit course is designed for second-time participants in Collegiate Model United Nations. Students practice all the skills of diplomacy including negotiation, problem solving, role-playing, and compromise while representing diplomats from the 193 member states of the General Assembly of the United Nations, the Security Council, or one of many other UN Agencies at an annual Collegiate Model United Nations conference. Issues range from the US embargo on Cuba to nuclear weapons proliferation to AIDs and world hunger, to war and conflict. Emphasis is placed on the development of knowledge of the UN as well as policies of the country represented. Prerequisite(s): POL 190.

**POL 291 Collegiate Model Arab League (1)** This one credit course is designed for second-time participants in the Michigan Model Arab League. Students will practice all the skills of diplomacy, negotiation, problem-solving, and role-playing in this important Regional International Organization. Specific committees include “Political Affairs,” “Social Affairs,” “Palestinian Affairs,” “Environmental Affairs,” “Economic Affairs,” and “Defense Affairs”. Significant time will be spent preparing country specific policies of the 22 member states of the League of Arab States. Students will generally work in pairs representing specific countries on specific committees. Additional emphasis is placed on the development of crucial cooperative and compromise skills of mediation and diplomacy. Prerequisite(s): POL 191.

**POL 292 Model United Nations Leadership - AQMUN (1)** This one credit course is designed for second-time participants in their participation in hosting, organizing, and leading the Annual Aquinas College High School Model United Nations Conference otherwise known as AQMUN. We will host around 100-135 high school students who will participate in role-playing delegates on separate Security Councils and an International Court of Justice simulation. AQ students will be trained as Security Council Chairs, Vice-Chairs, and Rapporteurs, as well as leadership in the ICJ. Additional staff will work in Home Government and the Emergency Crisis Simulation. Unlike the fall semester version of Model UN (where AQ students are the delegates), this class provides a very different set of experiences and skills including but not limited to: leadership, research, parliamentary procedure, public speaking, diplomacy, role-playing, team-work, decision-making, and organization. Prerequisite(s): POL 192.

**POL 305 Constitutional Law: Civil Rights (4)** This course will provide undergraduate students exposure to the constitutional interpretations regarding American civil rights and liberties as defined by the U.S. Supreme Court. Specific clauses of the U.S. Constitution covered in this class include: Judicial review, the contracts clause, the due process clauses, freedom of speech, freedom of the press, (dis) establishment of religion, guarantee against unreasonable search and seizures, exclusionary rule, 5th Amendment guarantee against self-incrimination, police interrogation, , right to counsel, guarantee against cruel and unusual punishments, the right to privacy, and the equal protection clause prohibiting discrimination.

**POL 307 Moot Court (4)** This course is designed to provide undergraduate students an experience closely comparable to actual appellate practice by attorneys. The course is divided into two sections: 1) preparing a draft and final version of an appellate brief, and 2) creating and presenting oral arguments on the subject of the appellate brief. Teams will compete against other undergraduate teams at a regional competition to be held at the end of the semester (dates and place TBA). Winners of this regional tournament will be invited to participate in the National tournament

(dates and place TBA).

**POL 310 European Politics (4)** This upper-level comparative politics course is about the issues, problems, and possibilities of European Politics. We will introduce a comparative examination of the changing nature of politics and power structures within European states, noting the wide variety of political and economic development therein. As such, specific case-studies will be examined. Because the European Union represents the most developed case of regional cooperation and shared policies, at the heart of this analysis is the tension between state sovereignty and regional integration. Additional topics will include (but are not limited to) presidential vs parliamentary systems, authoritarian vs [more] democratic systems, human rights, conflict and cooperation, neo-nationalism, civil rights and liberties, and political-economy. We will examine various theories and approaches through which nation-states are compared and the internal politics of policy making, the structures and functions of political institutions, political cultures and participation in selected European States. We will also study the macro / international historical and current relationships between European states, as well as Europe's position in the global distribution of power.

Prerequisite(s): POL 180.

**POL 312 Politics of Developing Countries (4)** This course is designed to examine the issues, problems and possibilities of Developing Countries. We will introduce a comparative examination of the changing nature of politics and power structures within developing countries and between Less Developed Countries and the global international system. This course is also an introduction to the politics and political economic structures of selected nation-states and governments in the Global South. We will examine various theories and approaches through which nation-states are compared and the internal politics of policy making, the structures and functions of political institutions, political cultures and participation in less developed states. We will study the macro / international relationships between less developed countries of the Global South and the "developed" countries of the North, and the interdependence therein. We will also look at the impact of an international economy driven primarily by capitalistic motives. Additionally, we will examine the management of armed conflict in the nuclear world, the limitations and capacities of the environment, the disparity of development among nation-states (from absolute hunger to opulent waste), and efforts to organize, control and resolve issues and conflicts in the Global South. Prerequisite(s): POL 180.

**POL 314 Latin American Politics (4)** This course is designed as an in-depth examination of politics and governments in Latin America with a focus on Central America and the Caribbean. We will a) examine various theories and approaches through which nation-states are compared; b) examine internal politics and policy making; c) the structures and functions of political institutions, and d) political cultures and participation in "newly industrialized states", socialist states, less developed states, and developing states of Latin America. This includes studying history, development, and locus of power. We will spend a great deal of time discussing the political-economy of Latin America as a region as well as the specific economic and political power relationships within certain countries.

Prerequisite(s): POL 180.

**POL 316 Middle East Politics (4)** This course is designed as an examination of the politics of Middle East and North African Politics (MENA) through a comparative framework. By utilizing established techniques of comparative analysis and concepts we will focus on the internal political, social and economic processes and actors in the Middle East. For example, we will study the events of the "Arab Spring", the civil war in Syria, and the impact of ISIS relative to domestic power structures. Additionally, this will be an in-depth study of politics and foreign policy in the Middle East. Therefore, we will also examine Middle East politics as it relates to international relations and organizations as we investigate issues such as the very important Arab-Israeli-Palestinian relationship, specific interstate rivalries in the Middle East (Iran v Iraq, Saudi Arabia vs Yemen), the role of super-power politics, ongoing Middle East Peace negotiations, the political economy of oil, and the effect of religious diversity on politics, among others. We will look at the history, development, and locus of power in Mid East Politics. Because of these wide-ranging dynamics, this is a course in both comparative politics and international relations. Additionally, students enrolled in this course will prepare and participate in the Michigan Model Arab League. Prerequisite(s): POL 180.

**POL 318 Variable: Comparative Area Studies (4)** This course allows students to analyze important contemporary comparative issues as they arise. The department will offer this course based on current issues or events to respond to changing political dynamics in selected case studies. Topics for this class will vary and students can take the class for credit under different topics. In all cases, students will practice the skills of comparative political methods, identifying current trends and the implications for understanding changes in governments, theories of power and political change.

Prerequisite(s): POL 180.

**POL 350 Methods and Inquiry in Political Science (4)** This course is designed as a critical inquiry into social scientific research practices. While the course is primarily concerned with practical problems of how to conduct research, it also addresses philosophical problems that lead people to approach research in different ways.

Recommended: At least 12 credits of political science and junior standing.

**POL 355 Variable: Themes in Political Theory (4)** Political theory explores big ideas and questions that animate political life, such as tensions between freedom and equality, what to do when the law and justice conflict, or whether democracy requires a particular kind of citizen. Themes for this class will vary and students can take the class for credit under different themes. In every case, students will engage in the careful reading, writing and thinking that distinguish the practice of political theory while encountering writing by impactful historical and contemporary thinkers.

**POL 380 American Foreign Policy (4)** This course is designed as a critical examination and in-depth evaluation of American Foreign Policy. The actors and processes involved in making and executing foreign policy will be examined, along with the policy perspectives of the major nation-states and international organizations with which the United States interacts. We will look at the history of US foreign policy, with a special emphasis on 20th and 21st century interaction. Specifically, we will study: US - Soviet/Russian relations, the rise and decline of US Hegemony, United States - Japanese and Sino relations, American policy toward West and East Europe, US policy in Central and Latin America, US policy toward Africa, and American foreign economic policy. Emphasis is placed on counter-revolution and counter terror policies. We will also look carefully at the decision-making processes of American Foreign Policy. Here we will examine the roles of: the executive branch and bureaucracies; congress; the press; the public; and certain "exogenous variables" such as multinational corporations or foreign actors. One objective is to recognize the ways in which these actors interact and the constraints under which they operate.

**POL 382 International Organizations (4)** This course is designed to: 1) introduce students to the study of international organizations through an in-depth examination of the United Nations, the European Union / Community, NATO, NAFTA, and various other IGOs; 2) analyze critically the role of IGOs in international politics; and 3) prepare students for their participation in the Collegiate Model United Nations Conference. Emphasis is placed on the advantages of membership in IGOs vs the surrendering of a "slice of sovereignty". Each week will be divided into two parts. On certain days we will "do international organizations" wherein we will study the history, theory and development of International Governmental Organizations. On other days, we will be joined by other students and prepare for the Collegiate MUN conference. Prerequisite(s): POL 180.

**POL 384 International Law (4)** This course is designed as a critical examination and in-depth evaluation of International Law and policy. The actors and processes involved in making and executing international law will be examined, along with the policy perspectives of the major nation-states and international organizations with which the laws deal. Emphasis will be placed on the tensions between the application and development of international law and state sovereignty as they relate to issues such as human rights, economic integration, and war and conflict.

Prerequisite(s): POL 180.

**POL 390 Collegiate Model United Nations (1)** This one credit course is designed for third-time participants in Collegiate Model United Nations. Students practice all the skills of diplomacy including negotiation, problem solving, role-playing, and compromise while representing diplomats from the 193 member states of the General Assembly of the United Nations, the Security Council, or one of many other UN Agencies at an annual Collegiate Model United Nations conference. Issues range from the US embargo on Cuba to nuclear weapons proliferation to AIDs and world hunger, to war and conflict. Emphasis is placed on the development of knowledge of the UN as well as policies of the country represented. Prerequisite(s): POL 290.

**POL 391 Collegiate Model Arab League (1)** This one credit course is designed for third-time participants in the Michigan Model Arab League. Students will practice all the skills of diplomacy, negotiation, problem-solving, and role-playing in this important Regional International Organization. Specific committees include "Political Affairs," "Social Affairs," "Palestinian Affairs," "Environmental Affairs," "Economic Affairs," and "Defense Affairs".

Significant time will be spent preparing country specific policies of the 22 member states of the League of Arab States. Students will generally work in pairs representing specific countries on specific committees. Additional emphasis is placed on the development of crucial cooperative and compromise skills of mediation and diplomacy. Prerequisite(s): POL 291.

**POL 392 Model United Nations Leadership - AQMUN (1)** This one credit course is designed for third-time participants in their participation in hosting, organizing, and leading the Annual Aquinas College High School Model United Nations Conference otherwise known as AQMUN. We will host around 100-135 high school students who will participate in role-playing delegates on separate Security Councils and an International Court of Justice simulation. AQ students will be trained as Security Council Chairs, Vice-Chairs, and Rapporteurs, as well as leadership in the ICJ. Additional staff will work in Home Government and the Emergency Crisis Simulation. Unlike the fall semester version of Model UN (where AQ students are the delegates), this class provides a very different set

of experiences and skills including but not limited to: leadership, research, parliamentary procedure, public speaking, diplomacy, role-playing, team-work, decision-making, and organization. Prerequisite(s): POL 292.

**POL 396 Special Topics in Political Science (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**POL 397 Internship in Political Science (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**POL 398 Readings in Political Science (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**POL 399 Independent Project in Political Science (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**POL 450 Senior Capstone in Political Science (4)** This course is designed as a Senior Capstone for Political Science majors, and aims to pull together the threads of students' undergraduate educations and connect them to future professional possibilities. It is part academic, including an examination of academic disciplines, and identifying "What HAVE you been studying for the last four-ish years?" It is also part practical / professional including the creation of a LinkedIn account and updating resumes and CVs. It will include a critical examination and in-depth evaluation of the work produced in various required courses for the major. It will also require the redevelopment and oral defense of a major paper from prior coursework.

**POL 480 International Relations (4)** This course is about the contemporary history and theory of international relations. If international relations is the culmination of foreign policies and the interaction of various international actors, then it is crucial to study the dynamics of specific policy interaction between nation-states, international organizations and regimes, multinational corporations, and even individuals and groups who influence world politics. We will carefully examine various theories and approaches to the study of international relations, and look at diverse interpretations of the structure of the international system. Fundamental issues and questions studied are: 1) power distribution - whether or not previous schisms are changing into new power balances; 2) whether or not force and conflict continue to triumph over cooperation and law; 3) if transnationalism and integration are "slicing away at state sovereignty"; 4) patterns of behavior relative to response to crisis areas and issues; 5) the durability of the nation-state and therefore 6) if the future will look much like the past. We will spend considerable time reading and discussing contemporary problems, how these problems developed, and how they might be resolved. To this end, there is a significant empirical element to the analysis of the content of this course. Prerequisite(s): POL 180.

# Psychology

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**Daniel Cruikshanks, Ph.D., Chair**

**Victor Karandashev, Ph.D.; Julie Schatz-Stevens, Ph.D.; Molly Wilson, Ph.D.; Jennifer Meador, Ph.D.**

**Mission Statement.** The mission of the Department of Psychology & Counselor Education is to contribute to the students' intellectual development and resulting liberal education by providing knowledge of psychology, its research findings, its major problems, its theoretical integration, and its contributions. The undergraduate psychology major curriculum adopts the scientific method in its philosophy of education for accomplishing the purpose of a liberal arts education. (Based on American Psychological Association guidelines).

## **Student Learning Outcomes.**

1. Students will demonstrate knowledge of key concepts, principles, and overarching themes in psychology
2. Students will demonstrate psychology information literacy
3. Students will interpret, design, and conduct basic psychological research
4. Students will apply ethical standards to evaluate psychological science
5. Students will exhibit effective presentation skills for different purposes
6. Students will enhance teamwork capacity

**Psychology Program Policies.** At least one elective in the major must be 300-level or 400-level. At least twenty-one (21) semester hours toward the major must be taken at Aquinas.

To be a psychology major, a student must earn a C or better in all major requirements. In addition, a student must maintain an overall C average. A student may repeat a course only once, unless a further repetition is approved by the Provost. Majors are bound by the requirements published in the catalog under which they first matriculated at Aquinas.

**Psychology Major.** There are four program options for students interested in majoring in psychology. At least twenty-one (21) semester hours toward the major must be taken at Aquinas College. A grade of C or better is required for all courses credited toward the major.

**Concentrations.** Psychology majors may choose to focus their degree program on Counseling Psychology, Developmental Psychology, or General Psychology. Students who are uncertain about future educational or career goals may choose the General Psychology Concentration. In addition to their concentration courses, students take an additional four (4) semester hours of psychology electives.

## **CAST (Child Advocacy Studies) Certificate Program**

The Child Advocacy Studies (CAST) Certificate Program is an interdisciplinary program consisting of 3 courses. The CAST training focuses on supporting those working on the front lines with children and families by providing information needed to better recognize and respond to signs of child abuse and neglect and the systems and resources available in the community to help these families. The CAST certificate is appropriate for any individual who desires to be more prepared to work effectively with children and families and within the systems and agencies that respond to child maltreatment (i.e., mental health professionals, social service workers, teachers, police officers). Students from a variety of major programs are eligible to complete the certificate program.

### **Required Courses**

SOC 220 Criminology	4 credits
PSY 320 Family Violence**	4 credits
PSY 405 Marriage, Family & Couples Counseling*	4 credits
*Prerequisite PSY 100	
**Prerequisite PSY 210	

# PSYCHOLOGY MAJOR WITH GENERAL CONCENTRATION

Bachelor of Science

2023-2024

**Major Requirements:** Forty (40) semester hours.

At least twenty-one (21) semester hours must be taken at Aquinas.

Only courses with a grade of C or better will count toward the major.

Students may take a course twice to obtain the requisite C.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ BIO 115 Human Biology	4.0	_____
_____ PSY 100 Introduction to Psychology	4.0	_____
_____ PSY 105 Statistics for the Social Science	4.0	_____
_____ PSY 200 Thinking & Writing in Psychology (WI)	4.0	_____ PSY 100
_____ PSY 205 Research Methods	4.0	_____ PSY 105
_____ PSY 450 Advanced Research Methods (SC)	4.0	_____ PSY 205, Senior Status
<b>Choose four (4) semester hours of Development coursework:</b>		
_____ PSY 210 Child & Adolescent Development	4.0	_____ PSY 100
_____ PSY 310 Early & Middle Adult Development	4.0	_____ PSY 100
_____ PSY 410 Late Adult Development & Aging	4.0	_____ PSY 100
<b>Choose eight (8) semester hours from the following:</b>		
_____ PSY 230 Abnormal Psychology	4.0	_____ PSY 100
_____ PSY 300 Psychology of Personality	4.0	_____ PSY 100
_____ PSY 305 Cognitive Psychology	4.0	_____ PSY 100
<b>Choose four (4) semester hours of electives:</b>		
_____ BIO 300 Neuroscience	4.0	_____ BIO 115 or BIO 171 w/C or above, sophomore status, instructor permission
_____ KIN 300 Psychology of Sport	4.0	_____
_____ PSY 110 Child Life Specialty	4.0	_____
_____ PSY 215 Social Psychology	4.0	_____ PSY 100
_____ PSY 220 Psychology of Women	4.0	_____
_____ PSY 225 Death & Dying	4.0	_____ PSY 100
_____ PSY 315 Counseling Psychology	4.0	_____ PSY 100
_____ PSY 320 Family Violence	4.0	_____ PSY 100
_____ PSY 396 Special Topics in Psychology	4.0	_____
_____ PSY 397 Internship in Psychology	4.0	_____ Department Chair Approval
_____ PSY 399 Independent Project in Psychology	4.0	_____ Department Chair Approval
_____ PSY 400 Legal and Ethical Issues in Counseling	4.0	_____ PSY 100
_____ PSY 405 Marriage, Family & Couples Counseling	4.0	_____ PSY 100
_____ PSY 415 Play Therapy	4.0	_____ PSY 210
_____ PSY 460 Psychology Apprenticeship	4.0	_____ PSY 205, Instructor Consent
_____ SOC 220 Criminology	4.0	_____
_____ SOC 225 Subcultures & Deviance	4.0	_____

# PSYCHOLOGY MAJOR WITH COUNSELING CONCENTRATION

Bachelor of Science

2023-2024

**Major Requirements:** Forty (40) semester hours.

At least twenty-one (21) semester hours must be taken at Aquinas.

Only courses with a grade of C or better will count toward the major.

Students may take a course twice to obtain the requisite C.

AQUINAS REQUIREMENTS		GRADE	PREREQUISITES
_____	BIO 115 Human Biology	4.0	_____
_____	PSY 100 Introduction to Psychology	4.0	_____
_____	PSY 105 Statistics for the Social Science	4.0	_____
_____	PSY 200 Thinking & Writing in Psychology (WI)	4.0	PSY 100
_____	PSY 205 Research Methods	4.0	PSY 105
_____	PSY 230 Abnormal Psychology	4.0	PSY 100
_____	PSY 300 Psychology of Personality	4.0	PSY 100
_____	PSY 315 Counseling Psychology	4.0	PSY 100
_____	PSY 450 Advanced Research Methods (SC)	4.0	PSY 205, Senior Status
<b>Choose four (4) semester hours of electives:</b>			
_____	BIO 300 Neuroscience	4.0	BIO 115 or BIO 171 w./c or above, sophomore status, instructor consent
_____	KIN 300 Psychology of Sport	4.0	_____
_____	PSY 110 Child Life Specialty	4.0	_____
_____	PSY 210 Child & Adolescent Development	4.0	PSY 100
_____	PSY 215 Social Psychology	4.0	PSY 100
_____	PSY 220 Psychology of Women	4.0	_____
_____	PSY 225 Death & Dying	4.0	PSY 100
_____	PSY 305 Cognitive Psychology	4.0	PSY 100
_____	PSY 310 Early & Middle Adult Development	4.0	PSY 100
_____	PSY 320 Family Violence	4.0	PSY 100
_____	PSY 396 Special Topics in Psychology	4.0	_____
_____	PSY 397 Internship in Psychology	4.0	Department Chair Approval
_____	PSY 399 Independent Project in Psychology	4.0	Department Chair Approval
_____	PSY 400 Legal and Ethical Issues in Counseling	4.0	PSY 100
_____	PSY 405 Marriage, Family & Couples Counseling	4.0	PSY 100
_____	PSY 410 Late Adult Development & Aging	4.0	PSY 100
_____	PSY 415 Play Therapy	4.0	PSY 210
_____	PSY 460 Psychology Apprenticeship	4.0	PSY 205, Instructor Consent
_____	SOC 220 Criminology	4.0	_____
_____	SOC 225 Subcultures & Deviance	4.0	_____



# PSYCHOLOGY MAJOR WITH DEVELOPMENTAL CONCENTRATION

Bachelor of Science

2023-2024

## Major Requirements: Forty (40) semester hours.

At least twenty-one (21) semester hours must be taken at Aquinas.

Only courses with a grade of C or better will count toward the major.

Students may take a course twice to obtain the requisite C.

### AQUINAS REQUIREMENTS

		GRADE	PREREQUISITES
_____	BIO 115 Human Biology	4.0	_____
_____	PSY 100 Introduction to Psychology	4.0	_____
_____	PSY 105 Statistics for the Social Science	4.0	_____
_____	PSY 200 Thinking & Writing in Psychology (WI)	4.0	PSY 100
_____	PSY 205 Research Methods	4.0	PSY 105
_____	PSY 210 Child & Adolescent Development	4.0	PSY 100
_____	PSY 310 Early & Middle Adult Development	4.0	PSY 100
_____	PSY 410 Late Adult Development & Aging	4.0	PSY 100
_____	PSY 450 Advanced Research Methods (SC)	4.0	PSY 205, Senior Status

### Choose four (4) semester hours of electives:

_____	BIO 300 Neuroscience	4.0	BIO 115 or BIO 171 w/C or above, sophomore status, instructor permission
_____	KIN 300 Psychology of Sport	4.0	_____
_____	PSY 110 Child Life Specialty	4.0	_____
_____	PSY 215 Social Psychology	4.0	PSY 100
_____	PSY 220 Psychology of Women	4.0	_____
_____	PSY 225 Death & Dying	4.0	PSY 100
_____	PSY 230 Abnormal Psychology	4.0	PSY 100
_____	PSY 300 Psychology of Personality	4.0	PSY 100
_____	PSY 305 Cognitive Psychology	4.0	PSY 100
_____	PSY 315 Counseling Psychology	4.0	PSY 100
_____	PSY 320 Family Violence	4.0	PSY 100
_____	PSY 396 Special Topics in Psychology	4.0	_____
_____	PSY 397 Internship in Psychology	4.0	Department Chair Approval
_____	PSY 399 Independent Project in Psychology	4.0	Department Chair Approval
_____	PSY 400 Legal and Ethical Issues in Counseling	4.0	PSY 100
_____	PSY 405 Marriage, Family & Couples Counseling	4.0	PSY 100
_____	PSY 415 Play Therapy	4.0	PSY 210
_____	PSY 460 Psychology Apprenticeship	4.0	PSY 205, Instructor Consent
_____	SOC 220 Criminology	4.0	_____
_____	SOC 225 Subcultures & Deviance	4.0	_____

## **PSYCHOLOGY MAJOR plus MASTER OF ARTS IN COUNSELING**

**Program Overview.** The Bachelor of Science (B.S.) in Psychology with the Master of Arts in Counseling (MAC) Program provides students with a foundation in biological and psychological knowledge as well as a grounding in research and professional writing skills. The program emphasizes clinically oriented courses. Students who maintain an overall minimum GPA of 3.0 and meet the entrance requirements will begin taking courses toward the MAC degree in their senior year. This program requires fifty-seven semester hours (57), twenty-eight (28) of which must be taken at Aquinas College. Only courses with a grade of B or higher will count toward the major. Students may be permitted to take a course twice to obtain the requisite B grade. Successful students will be able to complete the remainder of the MAC degree with an additional two years of study, at which time they will be eligible for licensure as a Lincensed Professional Counselor.

Secondary admission is required. Interested students should contact the Psychology department for further information.

## Child Life Major

The Child Life Program at Aquinas College is designed to fulfill most of the requirements needed for certification as a Child Life Specialist. At least thirty (30) semester hours toward the major must be taken at Aquinas College. A prerequisite/corequisite or BIO 155/156 must be completed to fulfill the major requirements. A grade of C or better for all courses credited toward the major and a maintained cumulative GPA of 2.0 is required.

## **CHILD LIFE MAJOR**

*Bachelor of Science*

2023-2024

Major Requirements: Fifty-eight (58) semester hours.

At least thirty (30) semester hours must be taken at Aquinas.

Students must take BIO 155/BIO 156 at Aquinas unless the equivalents have been accepted by Aquinas PRIOR to starting at the College. Students may want to take BIO 150 prior to taking BIO 155/BIO 156.

Only courses with a grade of C or better will count toward the major.

Students must maintain a cumulative GPA of 2.0.

Students may take a course twice to obtain the requisite C.

<b>AQUINAS REQUIREMENTS</b>	<b>GRADE</b>	<b>PREREQUISITES</b>
_____ BIO 155 Human Anatomy & Physiology I	4.0	_____
_____ BIO 156 Human Anatomy & Physiology II	4.0	_____ BIO 155 w/C or above
_____ EDUC 214 PK-6 Learners/Learning for 21st Century <b>OR</b>		
_____ EDUC 220 5-12 Learners/Learning for 21st Century	4.0	_____ PSY 110
_____ KIN 220 Medical Terminology	2.0	_____
_____ PSY 100 Introduction to Psychology	4.0	_____
_____ PSY 105 Statistics for the Social Science	4.0	_____
_____ PSY 110 Child Life Specialty	4.0	_____
_____ PSY 200 Thinking & Writing in Psychology (WI)	4.0	_____ PSY 100
_____ PSY 205 Research Methods	4.0	_____ PSY 105
_____ PSY 210 Child & Adolescent Development	4.0	_____ PSY 100
_____ PSY 225 Death & Dying	4.0	_____ PSY 100
_____ PSY 400 Legal and Ethical Issues in Counseling	4.0	_____ PSY 100
_____ PSY 405 Marriage, Family & Couples Counseling	4.0	_____ PSY 100
_____ PSY 415 Play Therapy	4.0	_____ PSY 210
_____ PSY 455 Practicum in Child Life (SC)	4.0	_____ PSY 110, Senior Status

# DEVELOPMENTAL PSYCHOLOGY MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least twelve (12) semester hours must be taken at Aquinas.

Only courses with a grade of C or better count toward the minor.

## AQUINAS REQUIREMENTS

_____	PSY 100 Introduction to Psychology	4.0
_____	PSY 210 Child & Adolescent Development	4.0
_____	PSY 310 Early & Middle Adult Development	4.0
_____	PSY 410 Late Adult Development & Aging	4.0

## GRADE

## PREREQUISITES

_____	_____
_____	PSY 100
_____	PSY 100
_____	PSY 100

## Choose four (4) semester hours of electives:

_____	BIO 300 Neuroscience	4.0
_____	KIN 300 Psychology of Sport	4.0
_____	PSY 105 Statistics for the Social Science	4.0
_____	PSY 110 Child Life Specialty	4.0
_____	PSY 200 Thinking & Writing in Psychology (WI)	4.0
_____	PSY 215 Social Psychology	4.0
_____	PSY 220 Psychology of Women	4.0
_____	PSY 225 Death & Dying	4.0
_____	PSY 230 Abnormal Psychology	4.0
_____	PSY 300 Psychology of Personality	4.0
_____	PSY 305 Cognitive Psychology	4.0
_____	PSY 315 Counseling Psychology	4.0
_____	PSY 320 Family Violence	4.0
_____	PSY 396 Special Topics in Psychology	4.0
_____	PSY 397 Internship in Psychology	4.0
_____	PSY 399 Independent Project in Psychology	4.0
_____	PSY 400 Legal and Ethical Issues in Counseling	4.0
_____	PSY 405 Marriage, Family & Couples Counseling	4.0
_____	PSY 415 Play Therapy	4.0
_____	PSY 460 Psychology Apprenticeship	4.0
_____	SOC 220 Criminology	4.0
_____	SOC 225 Subcultures & Deviance	4.0

\_\_\_\_\_ BIO 115 or BIO 171 w/C or above, sophomore status, instructor consent

\_\_\_\_\_ PSY 100

\_\_\_\_\_ PSY 100

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\_\_\_\_\_ PSY 100

\_\_\_\_\_ Department Chair Approval

\_\_\_\_\_ Department Chair Approval

\_\_\_\_\_ PSY 100

\_\_\_\_\_ PSY 100

\_\_\_\_\_ PSY 210

\_\_\_\_\_ PSY 205, Instructor Consent

## **Course Descriptions:**

**PSY 100 Introduction to Psychology (4)** This course introduces students to psychology as the science of human behavior and mental processes, as well as related areas of human functioning. Topics include biological bases of behavior, sensation and perception, states of consciousness, learning and memory, intelligence, thought, language, human development, motivation and emotion, social psychology and personality psychological disorders and therapies, stress, health, and coping. Working with cases will provide applied experience with the material.

**PSY 105 Statistics for the Social Sciences (4)** This course introduces descriptive and inferential statistics and probability theory and the application of statistics in social scientific research. Methods of hypothesis testing and the presentation and management of data are covered. Emphasis is on training students in the use of SPSS in statistical analyses. Students will analyze large quantitative data sets to answer social scientific research questions. Students will learn how to select and utilize appropriate statistical tests to analyze datasets, test hypotheses, and answer specific research questions.

**PSY 110 Child Life Specialty (4)** This course introduces students to the Child Life Specialty and provides background and knowledge of Child Life practices. The course is designed to create a foundation of knowledge in the required core competencies of the nationally recognized Child Life certification. Topics include theoretical foundations, assessment, preparation, play, coping, the therapeutic relationship, family-centered care, documentation, grief and loss, and the role of Child Life within the interdisciplinary medical team. Attention is given to understanding children and teens in the context of their development as it relates to interventions in medical settings.

**PSY 200 Thinking & Writing in Psychology (4)** This course introduces students to thinking, writing, and career options in psychology and related fields. Emphasis is on effective use of PsychInfo and other research databases, recognizing and reading scientific literature, and writing the scientific literature review. Students will write an in-depth literature review manuscript in APA style for publication. Prerequisite(s): PSY 100.

**PSY 205 Research Methods (4)** This course focuses on foundational research methodologies utilized in the social sciences. Examples are used to teach concepts and methods of observation, measurement, hypothesis formation, research design, data collection, data analysis, interpretation and generalization. Projects provide hands-on experience with contemporary research methods and data analysis. Students attend the Student Research, Scholarship and Creative Activity Symposium to explore student psychology research at AQ. Prerequisite(s): PSY 105.

**PSY 210 Child & Adolescent Development (4)** This course is an introduction to the foundations of development from conception through adolescence set within the framework of key theories, research, and clinical implications. The course explores the interaction among the biosocial, cognitive, and psychosocial domains of development. Current issues in the field will be discussed. Students complete an experiential component that involves interacting with kids ages 0-6 and applying key developmental concepts. Prerequisite(s): PSY 100.

**PSY 215 Social Psychology (4)** This course introduces social psychology as the scientific study of the way people think, feel, and behave in social situations. The course examines the relationship between individuals and their social environment helping to understand how we influence, and are influenced by, other people and the social contexts around us. This course reviews the perspectives, research methods, and seminal findings of social psychology. The content of the course allows to cultivate students' hand-on experience and skills for analyzing the social situations they encounter in everyday life. Prerequisite(s): PSY 100.

**PSY 220 Psychology of Women (4)** This course focuses on concepts, theories, and research related to the psychology of women and associated intersectional factors. Current issues including violence against women, sexual assault on college campuses, feminist approaches to therapy, and family and relationship issues will also be explored. Students complete an experiential project centered on a specific women's issue that includes research, outreach, and awareness raising.

**PSY 225 Death & Dying (4)** This course introduces attitudes and rituals relating to death in different societies and cultures around the world. It reviews psychological, philosophical, medical, and religious questions that surround the event of death for the dying person and family. Students learn about death, dying, and bereavement as fundamental and pervasive aspects of the human experience. Students consider specific cases and engage in hands-on analysis. Prerequisite(s): PSY 100.

**PSY 230 Abnormal Psychology (4)** In this course students explore the nature of psychological abnormality, main models of mental and emotional disorders, their diagnosis and treatment. Students will explore the etiology, assessment, diagnosis, and treatment of mental disorders as well as the societal and legal issues of the mental health profession. Students will have opportunities for experiential learning via analysis of case studies presenting mental disorders. Prerequisite(s): PSY 100.

**PSY 300 Psychology of Personality (4)** This course introduces students to key topics of personality psychology and

individual differences. It covers historical and contemporary aspects of personality psychology including psychodynamic, humanistic, and trait-based approaches. Students explore the extent to which personality theories predict real-world outcomes such as educational and professional attainment, mental health, or romantic relationships. Students will critically evaluate empirical research assessing the influence of nature and nurture on individual differences and whether human behavior is determined by traits or changes as a function of states. Prerequisite(s): PSY 100.

**PSY 305 Cognitive Psychology (4)** This course involves the discussion of theory and research related to the study of higher order cognitive processes, including memory functioning, reasoning, thinking, problem-solving, language production, and comprehension. Students will explore major findings in the scientific research in cognitive psychology in order to understand how information is processed and how behavior is influenced by the brain and cognitive functions. Prerequisite(s): PSY 100.

**PSY 310 Early & Middle Adult Development (4)** In this course, students explore human development from early through middle adulthood. Major developmental changes and issues are discussed. Students complete an experiential component that involves self-exploration activities and analysis of major theories and research related to this developmental period. Prerequisite(s): PSY 100.

**PSY 315 Counseling Psychology (4)** This course examines the theory and practice of counseling and psychotherapy. Students explore techniques designed to improve wellbeing, consider contemporary issues affecting clinical mental health practice, and practice basic counseling skills in the lab. Students will gain first hand experience of counseling by serving as clients for students in the masters in counseling program. Prerequisite(s): PSY 100.

**PSY 320 Family Violence (4)** In this course, students explore forms of violence experienced in the context of family and intimate relationships. This includes different types of interpersonal violence, child abuse, and family violence with a focus on the latest statistics, research, legal ramifications, and intervention supports available. Case studies, ethical considerations, and appropriate responses and services will be discussed with community professionals who work with victims and perpetrators of family violence. Students will complete experiential components of the course through interactions with community agencies and research on focused areas related to family violence. Prerequisite(s): PSY 100.

**PSY 396 Special Topics in Psychology (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**PSY 397 Internship in Psychology (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**PSY 398 Readings in Psychology (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**PSY 399 Independent Project in Psychology (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**PSY 400 Legal & Ethical Issues in Counseling (4)** Introduces students to the characteristics, roles, and functions of professionals involved with therapy with special attention to legal, ethical, and professional issues. Provides a comprehensive overview of programs and services in helping professions. Emphasis on understanding professional and ethical standards of the ACA and the AMHCA and ethical decision making models to prepare students to manage ethical dilemmas effectively. Prerequisite(s): PSY 100.

**PSY 405 Marriage, Family & Couples Counseling (4)** This course provides an overview of various theories, approaches, and techniques for counseling families. Students will learn concepts and skills to use in conceptualizing family dynamics, creating treatment plans, and supporting families in moving towards healthier relationships and communication and interactional styles. Various approaches will be explored and applied through activity development, role-plays, and case conceptualizations. Students will complete an experiential component of the course involving applications of counseling skills and approaches to different family cases. Prerequisite(s): PSY 100.

**PSY 410 Late Adult Development & Aging (4)** In this course, students focus on issues of aging and late adult development. Myths, theories, research, and current issues related to biological, socio-emotional, and cognitive stability and change will be explored. Students complete an experiential project involving interviews and an application project of an individual over the age of 60. Prerequisite(s): PSY 100.

**PSY 415 Play Therapy (4)** This course provides an introduction to the foundational elements of play therapy within the framework of the child-centered approach. Students will learn the skills necessary to establish and maintain

facilitative relationships with children that encourage their self-expression and support change towards better adjustment. Various theoretical approaches and techniques will be explored and applied through activity development, role-plays, and case conceptualizations. Students will complete an experiential component that consists of providing play therapy sessions at a local developmental center. Prerequisite(s): PSY 210.

**PSY 450 Advanced Research Methods (4)** In the psychology capstone, students work in small research teams to propose a research topic, design a study, develop a research proposal, and conduct the study. Students will analyze their data, write a research report and present their research findings at the AQ Student Research Symposium.

Prerequisite(s): PSY 205 and senior class standing.

**PSY 455 Practicum in Child Life (4)** In this course, students engage in advanced learning about working as Child Life Specialists. It includes a work placement in which the student performs duties related to the Child Life profession under the supervision of a practicing professional. In class, students will explore advanced content in child life specialty through research, writing, and presentation/professional skill applications. Prerequisite(s): Senior class standing.

**PSY 460 Psychology Apprenticeship (4)** This semester-long apprenticeship course offers psychology majors additional discipline specific research experience. This course allows students the opportunity to further develop their expertise in the methods and skills of psychological science and to provide further experience working in a research arena. Apprenticeships provide valuable experience and skills in psychological research. Students receive first hand experience in research from searching the literature to experimental design, data collection and data analysis.

Apprentices will work as part of a research team under the mentorship of a faculty member. Prerequisite(s): PSY 205.

# **Sociology**

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**Jen Lendrum, Ph.D., Chair**

**Michael J. Lorr, Ph.D.**

**Mission Statement.** Sociology is the scientific study of human behavior and social life. A fundamental insight of sociology is that institutions, groups, and interpersonal interactions shape lived experiences and life chances. Sociologists explore areas such as social change, social work, community leadership, human services, the environment, health, and various types of social inequality. The department of sociology incorporates an engaged, community-based curriculum that expands beyond the boundaries of the classroom, exposing students to experiences and opportunities in Grand Rapids, MI as part of their coursework. The goal of the program is to provide students with a complex understanding of persistent social problems—to which they will apply their knowledge in the pursuit of positive solutions and the advancement of the common good.

## **Student Learning Objectives.**

1. Students will be able to define and apply core sociological concepts such as race, gender, class, culture, norms, agency, structure, socialization, and stratification to contemporary social issues.
2. Students will utilize engaged community-based experiences and opportunities to study, critique, and improve their society.
3. Students will understand the value, construction, and application of sociological theory.
4. Students will become proficient in locating, assessing, creating and presenting empirical research.



# SOCIOLOGY MAJOR WITH GENERAL CONCENTRATION

Bachelor of Arts

2023-2024

**Major Requirements:** Forty (40) semester hours.

At least twenty-four (24) hours must be taken at Aquinas.

Only courses with a grade of C- or better will count toward the major.

Must maintain a minimum GPA of 2.0

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ SOC 100 Introduction to Sociology	4.0	_____
_____ SOC 200 Thinking & Writing in Sociology	4.0	_____ SOC 100
_____ SOC 300 Classical & Contemporary Sociological Theory	4.0	_____ SOC 100
_____ SOC 401 Sociological Research Methods	4.0	_____ SOC 100, SOC 200, SOC 300
_____ SOC 402 Sociology Capstone	4.0	_____ SOC 401
<b>Choose twenty (20) semester hours of Sociology electives:</b>		
_____	4.0	_____
_____	4.0	_____
_____	4.0	_____
_____	4.0	_____
_____	4.0	_____

# SOCIOLOGY MAJOR WITH CRIMINAL JUSTICE CONCENTRATION

Bachelor of Arts

2023-2024

**Major Requirements:** Forty (40) semester hours.

At least twenty-four (24) hours must be taken at Aquinas.

Only courses with a grade of C- or better will count toward the major.

Must maintain a minimum GPA of 2.0

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ SOC 100 Introduction to Sociology	4.0	_____
_____ SOC 200 Thinking & Writing in Sociology	4.0	_____ SOC 100
_____ SOC 300 Classical & Contemporary Sociological Theory	4.0	_____ SOC 100
_____ SOC 315 Social Stratification	4.0	_____ SOC 100
_____ SOC 401 Sociological Research Methods	4.0	_____ SOC 100, SOC 200, SOC 300
_____ SOC 402 Sociology Capstone	4.0	_____ SOC 401
<b>Choose one (1) course from the following:</b>		
_____ SOC 220 Criminology	4.0	_____
_____ SOC 225 Subcultures & Deviance	4.0	_____
<b>Choose one (1) course from the following:</b>		
_____ SOC 305 Race & Ethnicity	4.0	_____ SOC 100
_____ SOC 310 Sociology of Gender	4.0	_____ SOC 100
_____ SOC 320 Immigration & Inequality	4.0	_____ SOC 100
_____ SOC 325 Anishinaabe History & Culture	4.0	_____ SOC 100
<b>Choose eight (8) semester hours of Sociology electives:</b>		
_____	4.0	_____
_____	4.0	_____

# SOCIOLOGY MAJOR WITH HEALTH & HUMAN SERVICES CONCENTRATION

Bachelor of Arts  
2023-2024

**Major Requirements:** Forty (40) semester hours.  
At least twenty-four (24) hours must be taken at Aquinas.  
Only courses with a grade of C- or better will count toward the major.  
Must maintain a minimum GPA of 2.0

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ SOC 100 Introduction to Sociology	4.0	_____
_____ SOC 200 Thinking & Writing in Sociology	4.0	_____ SOC 100
_____ SOC 205 Health, Illness, & Society	4.0	_____
_____ SOC 300 Classical & Contemporary Sociological Theory	4.0	_____ SOC 100
_____ SOC 397 Sociology Internship	4.0	_____ Department Chair Approval
_____ SOC 401 Sociological Research Methods	4.0	_____ SOC 100, SOC 200, SOC 300
_____ SOC 402 Sociology Capstone	4.0	_____ SOC 401
<b>Choose one (1) course from the following:</b>		
_____ SOC 305 Race & Ethnicity	4.0	_____ SOC 100
_____ SOC 310 Sociology of Gender	4.0	_____ SOC 100
_____ SOC 315 Social Stratification	4.0	_____ SOC 100
_____ SOC 320 Immigration & Inequality	4.0	_____ SOC 100
_____ SOC 325 Anishinaabe History & Culture	4.0	_____ SOC 100
<b>Choose eight (8) semester hours of Sociology electives:</b>		
_____	4.0	_____
_____	4.0	_____

# SOCIOLOGY MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours.  
At least twelve (12) hours must be taken at Aquinas.  
Only courses with a grade of C- or better will count toward the minor.  
Must maintain a minimum GPA of 2.0

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ SOC 100 Introduction to Sociology	4.0	_____
_____ SOC 200 Thinking & Writing in Sociology	4.0	_____ SOC 100
<b>Choose twelve (12) semester hours of Sociology electives with at least eight (8) hours at 200 level or higher:</b>		
_____	4.0	_____
_____	4.0	_____
_____	4.0	_____

## **Course Descriptions:**

**SOC 100 Introduction to Sociology (4)** The course is an introduction to the sociological study of society focusing on the systematic understanding of social interactions, social organizations, social institutions, and social change. Thinking sociologically also involves developing an understanding of the development of self and the interplay between the individual and society. Sociology helps to highlight social patterns and social constructions of social life. Finally, introduction to sociology develops critical thinking skills.

**SOC 105 Cultural Anthropology (4)** Adapting to varied and changing environments is examined through the cross-cultural study of social institutions, technologies, and ideologies. The implications of different ways of life for the understanding of human behavior worldwide is also considered. The goal of this course is to learn how to think critically about one's self and one's world through comparison and contrast, analysis of information, and examination of basic concepts and beliefs through cross-cultural analysis. Emphasis will be placed on their cultural similarities and differences. Students will examine topics including culture, research, gender, marriage and family, language, religion, and kinship systems.

**SOC 110 Social Movements & Change (4)** This course will investigate social change, innovation, social movements and revolutions from a sociological perspective. Topics will include explaining why social change occurs, recent and historical social changes in the US and around the world, and the scope of social forces working to expand human rights as well as counter movements.

**SOC 115 Media & Society (4)** This course introduces students to how sociologists study the relationship between media and society. Students will become aware of and use sociological concepts, theories, and research methods to examine how media shapes and structures our self-concepts, identities, cultures, and society.

**SOC 200 Thinking & Writing in Sociology (4)** Introduction to critical thinking and writing in sociology and related fields. Emphasis is on effective use of ProQuest and other research databases, recognizing and reading scientific literature, and writing scientific literature reviews. Students will write an in-depth literature review manuscript in APA style for publication. Prerequisite(s): SOC 100.

**SOC 205 Health, Illness, & Society (4)** The sociology of health, illness, and medicine is also known as medical sociology. It is a broad field examining the social production of health, wellness, illness, and mortality. Students will examine how the topics of health and illness include a variety of social, political, economic, and cultural forces as well as biological phenomena and medical knowledge. The "Medical Mile" development in Grand Rapids offers students a local community site in which to begin exploring these ideas.

**SOC 210 Sociology of Marriage & Family (4)** his course introduces fundamental sociological concepts, theoretical approaches, and arguments surrounding the institutions of marriage and family. Students will examine how experiences of marriage and family are affected by social, cultural, and economic structures and explore issues of marriage, intimacy, family, love, partnering, parenting, grandparenting, childrearing practices, violence, and social policy. In this process students will see how individuals' family lives are shaped by broader social systems in ways that help us better understand our own family experiences.

**SOC 215 Sustainable Cities and Environmental Justice (4)** In this course, students investigate sustainable cities and environmental justice from the perspectives of social science scholars, focusing on the meaning of the global environmental crisis for particular urban areas. Throughout the course, students will identify, describe, and evaluate multiple theories and findings that attempt to explain and uncover how cities strive to be sustainable but fall far short of the demands for environmental justice. This course will enable students to attribute multiple social science theories and findings accurately, to take a position based on these theories and findings, to raise and answer counterpoints to these theories and findings, to pose solutions to environmental-based urban problems, and to use sustainability and environmental justice as frameworks for problem-solving.

**SOC 220 Criminology (4)** This course explores criminology, the scientific study of the nature, extent, cause, and control of criminal behavior. It examines theories of behavior defined as criminal, and explores those who engage in and become victims of criminal behavior.

**SOC 225 Subcultures & Deviance (4)** This course explores basic concepts of deviance and delinquency research, including social control, subcultures, deviant careers and societal reaction to deviant behavior. The course will introduce methodologies used to study deviance and how deviance research is determined and disseminated by focusing on case studies addressing crime, organizational and occupational deviance, substance use, sexuality, body image, subcultures, and more.

**SOC 230 Variable Topics in Sociology (4)** Intensive study of sociological topics, social problems or social phenomenon. Courses may include: the Sociology of Sport, the Sociology of Food, Drugs & Society. Elective credits may be earned for different variable topic course titles. Prerequisite(s): SOC 100.

**SOC 300 Classical & Contemporary Sociological Theory (4)** A critical survey of social theorists who shaped early sociology and remain relevant today. Also covers theorists who extended and challenged the sociological perspective, with attention given to critical race, queer and feminist theories that are fundamental to contemporary sociological thought. Emphasizes the development and application of theory in relationship to contemporary issues. As a part of the engaged department initiative, students will engage with the community, outside of the classroom either with a community-based initiative, organization, or cultural event. Prerequisite(s): SOC 100.

**SOC 305 Race & Ethnicity (4)** This course examines the underlying social and cultural dynamics of selected multicultural groups in the U.S., emphasizing intersectionality, dimensions of unequal power, and racism. Prerequisite(s): SOC 100.

**SOC 310 Sociology of Gender (4)** This course examines the sociology of gender. As a social construction, gender influences various aspects of social life. Particular attention will be given to the role of ideology in shaping conceptions of gender, how those conceptions are constructed through socialization practices, how they are maintained through social institutions, and how gender shapes experiences. This course uses a critical, intersectional approach to understand gender more holistically. Prerequisite(s): SOC 100.

**SOC 315 Social Stratification (4)** In this course students will explore the current levels and historical trends of national and global inequality. Students will examine structural causes and consequences of inequality as well as various policy efforts to deal with inequality. Topics include intergenerational social mobility, income inequality, education, gender, race and ethnicity among others. Prerequisite(s): SOC 100.

**SOC 320 Immigration & Inequality (4)** In this course, students will investigate the causes, consequences, and outcomes of human movement across the world from a sociological perspective. Topics will include why people migrate, factors leading to anti-immigrant sentiment, the scope of immigration control policies, and experiences of immigrant inclusion and exclusion. Prerequisite(s): SOC 100.

**SOC 325 Anishinaabe History & Culture (4)** Anishinaabe History, Culture and Contemporary Issues of the Ottawa (Odawa), Potawatomi, and Ojibwe (Chippewa) People (Full course name) Prerequisite(s): SOC 100.

**SOC 396 Special Topics in Sociology (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**SOC 397 Internship in Sociology (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**SOC 398 Readings in Sociology (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**SOC 399 Independent Project in Sociology (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**SOC 401 Sociological Research Methods (4)** Students will explore and workshop qualitative and mixed-methods approaches. Students will develop research questions and design a research study to explore a social problem or phenomenon. Students will seek IRB approval, collect original data, and begin to develop a research proposal which will be completed in SOC4xx Sociology Capstone. Prerequisite(s): SOC 100, SOC 200, and SOC 300.

**SOC 402 Sociology Capstone (4)** Students will continue the analysis of their SOC4xx research in the Sociology Capstone. Students will continue to develop their research proposals and will present their research findings at the Student Research Symposium. Prerequisite(s): SOC 401.

# **Sustainable Business**

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**William Foley, M.M.; Jason Good, Ph.D.**

Sustainable Business is interdisciplinary in nature, integrating natural and physical science, business, and environmental studies. Sustainable business practices improve long-term profitability, protect and restore the health of natural systems, and foster equitable access to natural resources and healthy environments. A student completing the B.S. in Sustainable Business will be prepared for a career in private industry, non-profit organizations, government, or for graduate-level studies in sustainable business or a related discipline.

**Mission Statement.** Our mission is to create a better world through business. Welcome to Sustainable Business. In the Sustainable Business Department, we use interdisciplinary teaching, engagement, and research to prepare students to mobilize the power of business, community, and nature to inspire possibilities for social-ecological flourishing.

## **Student Learning Outcomes.**

1. Student Learning Outcomes incorporate knowledge, skills, and attitudes.
2. All Student Learning Outcomes are assessable.
3. Student Learning Outcomes reflect the unique challenges posed by the aspiration for sustainability.
4. Students will analyze and anticipate challenges and opportunities at the interface of nature, society, and business by deploying sustainability science, knowledge, and empathy.
5. Students will work collaboratively to construct innovative and equitable sustainability pathways for businesses, organizations and communities
6. Students will effectively align and engage business strategies and practices with sustainability goals

# SUSTAINABLE BUSINESS MAJOR

*Bachelor of Science in Sustainable Business*

2023-2024

**Major Requirements:** Forty-nine (49) semester hours.

At least twenty-four (24) credits must be taken at Aquinas.

Only courses with a grade of C- or above will count toward the major.

Students must have a minimum 2.0 in the major.

## AQUINAS REQUIREMENTS

	GRADE	PREREQUISITES
_____ ACC 201 Introduction to Acct. & Financial Analysis	4.0	_____ CIS 111 (may also be a corequisite)
_____ BUS 200 Principles of Management	4.0	_____
_____ BUS 401 Financial Management	4.0	_____ ACC 201, ECON 200, CIS 111, MAT 115
_____ ECON 200 Economics for the Citizen	4.0	_____
_____ CIS 111 Spreadsheets	1.0	_____
_____ GEO 110 Earth Systems	4.0	_____
_____ ENV 300 Environmental Problems and Solutions	4.0	_____ GEO 110
_____ SBUS 100 Intro to Business & Sustainability	4.0	_____
_____ SBUS 200 Building Social Capital	4.0	_____ BUS 200, SBUS 100
_____ SBUS 205 Natural Capitalism	4.0	_____ BUS 200, SBUS 100
_____ SBUS 300 Sustainable Business Tools & Techniques	4.0	_____ SBUS 100, SBUS 200, SBUS 205
_____ SBUS 400 Sustainable Business Innovations Lab (SC)	4.0	_____ SBUS 300
<b>Mathematics coursework: Choose one (1) course</b>		
_____ MAT 115 Elementary Statistics	4.0	_____ MAT 100 or higher
_____ MAT 205 Statistics	4.0	_____ MAT 120 or higher
_____ MAT 412 Mathematical Statistics	4.0	_____ MAT 411

## **Course Descriptions:**

**SBUS 200 Building Social Capital (4)** This course examines the role of social capital in building sustainable organizations and communities. The key elements and various forms of social capital will be explored by looking at the different ways that communities develop and how the human relationship with ecological systems can be sustained and enhanced. Ways to measure social capital will also be addressed in order to strengthen the understanding of this component of sustainable business and foster its application in the workplace. Prerequisite(s): BUS 200 and SBUS 100.

**SBUS 205 Natural Capitalism (4)** This course highlights the transformative business models and frameworks supporting business as a positive force for sustainability. Systems thinking as well as natural capitalism, biomimicry, industrial ecology, circular economy, climate resilience, and other concepts are covered. Case studies illuminate how organizations use sustainable business approaches to develop profitable business strategy, management and operations that enable natural and human communities to flourish. Prerequisite(s): BUS 200 and SBUS 100.

**SBUS 300 Sustainable Business Tools & Techniques (4)** This course focuses on key skills needed by sustainable business professionals to move businesses and other organizations toward sustainability. Topics include sustainability reporting, carbon accounting, renewable energy management, ESG metrics, life cycle analysis, certifications, zero waste strategies, and change management. Prerequisite(s): SBUS 100, SBUS 200, and SBUS 205.

**SBUS 396 Special Topics in Sustainable Business (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**SBUS 397 Internship in Sustainable Business (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**SBUS 398 Readings in Sustainable Business (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**SBUS 399 Independent Project in Sustainable Business (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**SBUS 400 Sustainable Business Innovations Lab (4)** This experiential course engages students in collaborative design and innovation processes in order to meet sustainable business challenges and opportunities. Student teams research, design, analyze and communicate effective sustainable business solutions for different Aquinas or community clients. Prerequisite(s): SBUS 300.

# Theatre

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**Penny Avery, Ph.D., Program Director**

**Scott Harman, M.A., Director of Theatre Production**

The Aquinas College Theatre program offers training for the aspirant theatre professional as well as looks to support and equip students interested in the integration of theatre arts into a variety of other careers such as education, business, psychology and therapy, community leadership, arts advocacy, literature/cultural studies and theology and ministry.

**Mission Statement.** The Aquinas College Theatre Program is committed to the education of artists and community leaders through thoughtful and rigorous artistic training as well as a focus on community-engaged, issue-based theatre.

**Student Learning Outcomes.** (NAST Student Competencies)

1. The ability to think conceptually and critically about text, performance, and production.
2. An understanding of playwriting and production processes, aesthetic properties of style, and the way these shape, and are shaped, by artistic and cultural forces.
3. An acquaintance with a wide selection of theatre repertory including the principal eras, genres, and cultural sources.
4. The ability to develop and defend informed judgments about theatre.
5. Ability in areas of performance and production or playwriting appropriate to individual needs and interests, consistent with the goals and objectives of the specific liberal arts degree program being followed.
6. An understanding of procedures and approaches for realizing a variety of theatrical styles.
7. Intermediate to advanced competence in one or more theatre specializations in creation, performance, scholarship, or teaching.



# THEATRE MAJOR

*Bachelor of Arts*

2023-2024

**Major Requirements:** Thirty-eight (38) - Forty (40) semester hours.

At least twenty-two (20) semester hours must be taken at Aquinas.

Participation in at least one (1) production per year is required.

Only courses with a grade of C or better will count toward the major.

A 2.0 overall GPA is required to maintain a Theatre major.

AQUINAS REQUIREMENTS		GRADE	PREREQUISITES
_____	THTR 111 Acting I (FA)	4.0	
_____	THTR 200 Theatre for Social Change (FA)	4.0	
_____	THTR 205 Theatre History & Theory I: Golden Ages (HUM/WI)	4.0	
_____	THTR 206 Theatre History & Theory II: Theatres of Resistance (HUM/WI)	4.0	
_____	THTR 220 Directing & Dramaturgy I: Realism	4.0	THTR 111
_____	THTR 401 Senior Capstone in Theatre (SC)	1-3.0	Senior Status
_____	THTR 402 Senior Seminar in Theatre (SC)	1.0	Senior Status
<b>Choose one (1) course in Theatre Design</b>			
_____	THTR 101 Introduction to Theatre Design (FA)	4.0	
_____	THTR 102 Stagecraft (FA)	4.0	
<b>Choose eight (8) semester hours from the following:</b>			
_____	ENGL 306 Script Writing	4.0	ENGL 202 or any THTR 100 level course
_____	THTR 112 Improvisational Acting (FA)	4.0	
_____	THTR 211 Acting II: Character, Style, & Emotion	4.0	THTR 111
_____	THTR 230 Variable Topics in Theatre Design & Tech	4.0	THTR 101 or THTR 102
_____	THTR 300 Drama for Youth & Education	4.0	THTR 111 or Instructor Consent
_____	THTR 310 Stage & Theatre Management	4.0	Sophomore Status
_____	THTR 315 Design Mentorship	1.0	Theatre Program Director Approval
_____	THTR 320 Directing & Dramaturgy II: Beyond Realism	4.0	THTR 220
_____	THTR 396 Special Topics in Theatre	4.0	
_____	THTR 397 Field Experience in Theatre	4.0	Department Chair Approval
_____	THTR 398 Readings in Theatre	4.0	Department Chair Approval
_____	THTR 399 Independent Project	4.0	Department Chair Approval
<b>Choose four (4) semester hours of THTR 225 Theatre Practicum (audition or application required) (FA)</b>			
_____	_____	1.0	
_____	_____	1.0	
_____	_____	1.0	
_____	_____	1.0	

# THEATRE MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least twelve (12) semester hours must be taken at Aquinas.

Designed for the student who wishes to apply theatrical principles to their chosen field of study.

Only courses with a grade of C or better will count toward the minor.

## AQUINAS REQUIREMENTS

## GRADE

## PREREQUISITES

### Choose twenty (20) semester hours from the following:

_____	ENGL 306 Script Writing	4.0	_____	ENGL 202 or any THTR 100 level course
_____	THTR 100 Theatre for Everyone (FA)	4.0	_____	_____
_____	THTR 101 Introduction to Theatre Design (FA)	4.0	_____	_____
_____	THTR 102 Stagecraft (FA)	4.0	_____	_____
_____	THTR 111 Acting I (FA)	4.0	_____	_____
_____	THTR 112 Improvisational Acting (FA)	4.0	_____	_____
_____	THTR 200 Theatre for Social Change (FA)	4.0	_____	_____
_____	THTR 205 Theatre History & Theory I: Golden Ages (HUM/WI)	4.0	_____	_____
_____	THTR 206 Theatre History & Theory II: Theatres of Resistance (HUM/WI)	4.0	_____	_____
_____	THTR 211 Acting II: Character, Style, & Emotion	4.0	_____	THTR 111
_____	THTR 220 Directing & Dramaturgy I: Realism	4.0	_____	THTR 111
_____	THTR 225 Theatre Practicum (FA)	1.0	_____	Audition or Application required
_____	THTR 230 Variable Topics in Theatre Design & Tech	4.0	_____	THTR 101 or THTR 102
_____	THTR 300 Drama for Youth & Education	4.0	_____	THTR 111 or Instructor Consent
_____	THTR 310 Stage & Theatre Management	4.0	_____	Sophomore Status
_____	THTR 315 Design Mentorship	1.0	_____	Theatre Program Director Approval
_____	THTR 320 Directing & Dramaturgy II: Beyond Realism	4.0	_____	THTR 220
_____	THTR 396 Special Topics in Theatre	4.0	_____	_____
_____	THTR 397 Field Experience in Theatre	4.0	_____	Department Chair Approval
_____	THTR 398 Readings in Theatre	4.0	_____	Department Chair Approval
_____	THTR 399 Independent Project	4.0	_____	Department Chair Approval
_____	THTR 401 Senior Capstone in Theatre (SC)	3.0	_____	Senior Status
_____	THTR 402 Senior Seminar in Theatre (SC)	1.0	_____	Senior Status

Students interested in vocal training are encouraged to contact the Music Department for the appropriate curriculum.

## **Course Descriptions:**

**THTR 100 Theatre for Everyone (4)** Introduces theatre as an art form, exploring the collaboration process involved with playwright, directors, actors, designers, technicians and the development by which the text is transformed to the stage. Includes attendance at theatre productions and multiple creative projects. May require rehearsals outside of class. Does not count toward the theatre major.

**THTR 101 Introduction to Theatre Design (4)** Introduces the elements of design and interprets them theatrically: set, costume, and lighting design. Explores text interpretation and visual expression.

**THTR 102 Stagecraft (4)** Exploration of various technical aspects of theatrical production which may include scenery and property construction (metalwork, painting and rigging), lighting and sound, costuming, and make-up. Laboratory hours may be required.

**THTR 111 Acting I (4)** Introduction to the craft and technique of acting, focusing on the development of a personal point of view, spontaneity and the transformation of text into performance. May include topics including improvisation, physical performance, emotional preparation, and vocal preparation. Requires rehearsals outside of class.

**THTR 112 Improvisational Acting (4)** Artistic method of improvisation, focusing on the individual and ensemble exploring spontaneity, group cohesion and trust, pantomime skills, characterization and performance. Both comedic and dramatic improvisation are explored.

**THTR 200 Theatre for Social Change (4)** This course provides a foundational survey of the types of theatrical approaches under this heading, including Brechtian/Epic Theatre, Theatre of the Oppressed, Youth Drama for Social Justice, and performative techniques used in the public and corporate sectors. Students will be exposed to theoretical, practical, and process work in a variety of contexts. Students will also engage in praxis for building original work through ethnographic research and group devising.

**THTR 205 Theatre History & Theory I: Golden Ages (4)** Survey of theatre history and theory focusing on periods of cultural confidence and the theatres they have spawned. Includes careful study of plays and theoretical texts as primary sources and discussion of historiography as meaning-making. Representative periods covered include: Attic tragedy, Elizabethan/Jacobean drama, Kabuki, Spanish Golden Age, and American Musical theatre of the Silver and Golden Ages.

**THTR 206 Theatre History & Theory II: Theatres of Resistance (4)** Survey of theatre history and theory focusing on periods of cultural confidence and the theatres they have spawned. Includes careful study of plays and theoretical texts as primary sources and discussion of historiography as meaning-making. Representative periods covered include: Attic tragedy, Elizabethan/Jacobean drama, Kabuki, Spanish Golden Age, and American Musical theatre of the Silver and Golden Ages.

**THTR 211 Acting II: Character, Style, and Emotion (4)** Deeper exploration into the technique of acting. Includes a greater focus on emotional preparation and characterization. May also include units on genre and style, including on-camera and voice acting. Prerequisite(s): THTR 111.

**THTR 220 Directing & Dramaturgy I: Realism (4)** Introduction into the dual arts of dramaturgy and directing with a focus on the broad realist tradition. Includes training in script analysis, composition, picturization, rehearsal/audition technique, and leadership with a focus on ethics and consent. The course culminates with student-directed ten-minute plays. Rehearsals outside of class are required. Prerequisite(s): THTR 111.

**THTR 225 Theatre Practicum (1)** Participating as an actor or technician in a Theatre Program mainstage production and completing the requirements set forth by the production's director and/or designated designer. Requires a process journal and written reflection. May be repeated for credit. Prerequisite: Consent of director or director of production through audition/application.

**THTR 230 Variable Topics in Theatre Design & Tech (4)** Concentrative study on a rotating area of theatrical design or technical study, including scenery, costume, lighting or sound design, stage management, props design and construction, makeup design or technical direction. Laboratory hours may be required. May be repeated for credit in different design areas. Prerequisite(s): THTR 101 or THTR 102.

**THTR 300 Drama for Youth & Education (4)** This course explores theories and methodologies for using theatre techniques with and for young people. Covers the fields of Drama in Education, Children's Theatre, and Theatre for Young Audiences. May require public performances. Prerequisite(s): THTR 111.

**THTR 310 Stage & Theatre Management (4)** A seminar-based course that covers the logistical workings of a theatre. Covers management in rehearsal as well as the various careers and skills necessary to administer a theatre company. May include meetings with external arts administrators. Prerequisite(s): Sophomore class standing.

**THTR 315 Design Mentorship (1)** The shadowing and assisting of a design professional (scenic, lighting, costume,

sound, props, stage management, or technical direction) working on a mainstage production. The student will be called upon to assist the mentor in various capacities. The student will maintain a process journal that will be discussed with the mentor periodically. May be repeated with different design areas or different mentors.

Prerequisite(s): Theatre Program director approval.

**THTR 320 Directing & Dramaturgy II: Beyond Realism (4)** Expands on Directing and Dramaturgy I: Realism with a greater emphasis on style and non-realist dramaturgies. Representative genres covered can include classical, musical, Epic, and postdramatic theatre. Course culminates in presentation of scenes or short plays. Rehearsals outside of class are required. Prerequisite(s): THTR 220.

**THTR 396 Special Topics in Theatre (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**THTR 397 Internship in Theatre (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**THTR 398 Readings in Theatre (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**THTR 399 Independent Project in Theatre (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**THTR 401 Senior Capstone in Theatre (1 - 3)** This is the culmination of a student's education demonstrated in a performative/creative project or research project, developed in regular consultation with the Theatre Program Director and/or a designated project advisor. Prerequisite(s): Senior class standing.

**THTR 402 Senior Seminar in Theatre (1)** A course designed to familiarize students with life in the theatre after graduation. This will include information about graduate studies, auditions, portfolios/websites, and the current state of professional theatre. Students will focus on creating a concrete postgraduate plan. Prerequisite(s): Senior class standing.

# **Theology**

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**Stephan Davis, Ph.D., Chair**

**Dennis Marshall, Ph.D.**

**Mission Statement.** Following St. Thomas Aquinas, our patron, faculty and students together seek the truth of existence as it emerges in the human response to God's invitation to participate in the fullness of life. Theology at Aquinas College attends to human existence and life and contemporary concerns in light of Sacred Scripture, church tradition, and the natural law which mirrors God's eternal wisdom. Committed to the theological enterprise of "faith seeking understanding," the Theology Department is an integral and indispensable part of a Catholic liberal arts education.

## **Student Learning Outcomes.**

1. Students will learn to root students in Scripture, the soul of theology.
2. Students will learn to transmit faithfully to students the Catholic tradition.
3. Students will learn to promote students' action in the world that springs from the Truth of the Gospel, placing themselves at the service of Life and Love.

# THEOLOGY MAJOR

Bachelor of Arts

2023-2024

**Major Requirements:** Forty (40) semester hours.

At least Twenty-four (24) semester hours must be taken at Aquinas.

Only courses with a grade of C- or better will count toward the major.

Students must have a minimum of a 2.0 GPA in the major.

## AQUINAS REQUIREMENTS

		GRADE	PREREQUISITES
_____	THEO 105 Sacraments	4.0	_____
_____	THEO 200 Bible as Story	4.0	_____
_____	THEO 220 Catholic Moral Theology	4.0	_____
_____	THEO 230 Wrestling with God	4.0	_____
_____	THEO 310 Ecclesiology	4.0	Two Theology courses or Instructor Consent
_____	THEO 315 Christology	4.0	Two Theology courses
_____	THEO 400 Senior Seminar (SC)	4.0	Two Theology courses

### Choose one (1) course in Sacred Scripture:

_____	THEO 215 Jesus	4.0	_____
_____	THEO 305 Bible as Poetry (WI)	4.0	_____
_____	THEO 311 Biblical Greek	4.0	_____

### Choose eight (8) semester hours of Theology electives (CATH 200 Tolkien & the Catholic Imagination may be taken):

_____	_____	4.0	_____
_____	_____	4.0	_____

# THEOLOGY MINOR

2023-2024

**Minor Requirements:** Twenty (20) semester hours.

At least twelve (12) semester hours must be taken at Aquinas.

Only courses with a grade of C- or better will count toward the minor.

Students must have a minimum of a 2.0 GPA in the minor.

## AQUINAS REQUIREMENTS

		GRADE	PREREQUISITES
_____	THEO 200 Bible as Story	4.0	_____

### Choose one (1) Theology course:

_____	THEO 105 Sacraments	4.0	_____
_____	THEO 310 Ecclesiology	4.0	Two Theology courses

### Choose one (1) Morality course:

_____	THEO 220 Catholic Moral Theology	4.0	_____
_____	THEO 225 Catholic Social Teaching	4.0	_____

### Choose one (1) Dogmatics course:

_____	THEO 230 Wrestling with God	4.0	_____
_____	THEO 315 Christology	4.0	Two Theology courses

### Choose one (1) Sacred Scripture course:

_____	THEO 215 Jesus	4.0	_____
_____	THEO 305 Bible as Poetry (WI)	4.0	_____
_____	THEO 311 Biblical Greek	4.0	_____
_____	THEO 400 Senior Seminar (Scripture Topic) (SC)	4.0	Two Theology courses

## CHURCH MUSIC

In conjunction with the Department of Music, the Theology Department supports the Bachelor of Music degree in Church Music. Consult Music Department entry for requirements.

## CERTIFICATE OF THEOLOGICAL STUDIES

2023-2024

**Certificate Requirements:** Twenty-four (24) semester hours.

This certificate was developed by the Faith Formation of the Dioces and the Aquinas College Theology Department for lay people engaged in ministry and those persons who want to further their theological education.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ THEO 100 The Catholic Vision	4.0	_____
_____ THEO 105 Sacraments	4.0	_____
_____ THEO 200 Bible as Story	4.0	_____
_____ THEO 215 Jesus	4.0	_____
_____ THEO 220 Catholic Moral Theology	4.0	_____
_____ THEO 310 Ecclesiology	4.0	_____ <u>Two Theology courses or Instructor Consent</u>

## **Course Descriptions:**

**THEO 100 The Catholic Vision (4)** An introductory course in the Roman Catholic tradition, its worldview, beliefs, sacraments and moral life.

**THEO 105 Sacraments (4)** An introduction to Sacramental Theology and Liturgy that explores the biblical, historical and liturgical aspects of the Church's Sacraments.

**THEO 200 Bible As Story (4)** A theological and literary introduction to the biblical story, from paradise to apocalypse. Follows the great themes of the Bible, such as creation, peoplehood, and the presence of God. Students will learn to interpret biblical stories, discover the images and themes that appear throughout the Christian Bible, and gain an appreciation of scripture as the root of Christian faith today.

**THEO 205 Vatican II (4)** Examines major documents and themes of the Second Vatican Council in the context of the Catholic theological tradition.

**THEO 210 Theology of Christian Marriage (4)** Explores the meaning of love, marriage, and human sexuality from a theological perspective. Aided by the insights from the psychological and social sciences, as well as ethical philosophy, this course seeks to comprehend an appropriately Christian vision of the meaning and purpose of human sexuality and love. Topics covered include: marriage as vocation and covenant, divorce and remarriage, intimacy, pre-marital sex, contraception, masturbation and homosexuality.

**THEO 215 Jesus (4)** Explores the New Testament portraits of Jesus, including how the first Christian theologians re-interpreted Jewish scripture. Students will compare episodes in the Gospels and become aware of images of Christ in narrative, epistle and poetry. Also introduces the 'historical Jesus' debate and the cultural setting of the Jesus movement.

**THEO 220 Catholic Moral Theology (4)** Moral Theology An Introduction to Christian morality that considers the person's capacity for achieving excellence in the pursuit of the good under the auspices of grace. Themes covered include: Jesus Christ and the moral life, the sources of morality, the person as image of God, grace, sin, freedom, law, infused and acquired virtue.

**THEO 225 Catholic Social Teaching (4)** The official social doctrine of the Roman Catholic Church. The primacy of the person, human rights, the common good, family, natural law, meaningful work, just war.

**THEO 230 Wrestling with God (4)** Considers the question of God's existence. Investigates the human capacity to know, love and speak intelligently about God. Examines arguments both for and against God's existence and gives special consideration to the challenges suffering poses to faith. Explores the relationship between faith and reason, and science and religion. Evaluates the effect secularization has on religious belief and pays special attention to the challenges that a postmodern situation presents to traditional belief in God.

**THEO 301 Theologians of the Great Tradition (4)** A focused study of the work of a theologian or theologians of the Christian theological tradition. Credit may be earned under different titles. Prerequisite(s): One course in Theology.

**THEO 302 C.S. Lewis as Theologian (4)** C.S. Lewis (CSL) was a literary scholar rather than a professional theologian. But he is also a widely valued Christian writer of essays, fiction, and expository books (typically labelled "apologetics"). This course will expose students to the most important compositions of each genre, and CSL's most important theological insights about the lingering value of medieval Christian worldview, natural and supernatural love, the Christian vision of the person and the human longing for God.

**THEO 305 Bible As Poetry (4)** A follow-up to Bible as a Story that focuses on biblical poetic texts: Psalms, prophets and wisdom literature of the Old Testament. In addition to developing their understanding of canonical themes and imagery, students will perform exegesis of individual poetic texts while discovering the historical setting and the reception of biblical poetry.

**THEO 310 Ecclesiology (4)** An introduction to ecclesiology, the study of the church. Features extensive biblical foundations and historical developments, culminating in the documents of Vatican II. Prerequisite(s): Two courses in Theology or instructor approval.

**THEO 311 Biblical Greek (4)** Introduces students to biblical Greek vocabulary, verb system, grammar and syntax.

**THEO 312 Biblical Hebrew (4)** Introduces students to biblical Hebrew vocabulary, verb system, grammar and syntax.

**THEO 315 Christology (4)** An introduction to the Christian tradition's understanding of Jesus as the Christ. After a brief review of the biblical data, this course considers the tradition's reflection on Jesus of Nazareth as found in the early Christological councils and later theologians. Particular attention will be given to the question of atonement brought about through Jesus' death and resurrection. The course concludes with contemporary Christological questions including Jesus' knowledge and self-awareness; Jesus and liberation theologies; and Jesus and salvation of



the whole world. Prerequisite(s): Two courses in Theology.

**THEO 396 Special Topics in Theology (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**THEO 397 Internship in Theology (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**THEO 398 Readings in Theology (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**THEO 399 Independent Project in Theology (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**THEO 400 Senior Seminar (4)** A Senior level study of selected topics from Biblical, Doctrinal, Ecclesial, Moral, or Systematic Theology. Prerequisite(s): Two courses in Theology.

## **Women's and Gender Studies**

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**Amy Dunham Strand, Ph.D., Director of the Jane Hibbard Idema Women's Studies Center**

**Mission Statement.** Women's and Gender Studies is an interdisciplinary academic curriculum that exposes students to women's historical and contemporary roles, experiences, and contributions across cultures; the creation and perpetuation of gender in human societies; and the intersections of gender with other categories of difference and identity such as race, class, nation, and sexuality. In doing so, WGS courses also explore feminism as historical activist movement and as critical inquiry.

### **Student Learning Outcomes.**

1. Students will identify and explain the historic and contemporary contributions of feminist thought to make women and gender visible in our society and across global cultures.
2. Students will understand the role of gender and gender norms and expectations in shaping many spheres of life (e.g. family, workplace, science, religion, politics, arts, and education).
3. Students will demonstrate an awareness of the cultural and social construction of gender and its intersections with other categories of difference and identity such as race, ethnicity, nationality, class, sexuality, and ability, and how these conditions shape human experience.
4. Students will use feminist intellectual frameworks to think critically about the world, challenge stereotypes and intersecting systems of privilege and inequality, and advocate for social change.

# WOMEN'S & GENDER STUDIES MINOR

2023-2024

**Minor Requirements:** Twenty-four (24) semester hours.

At least twelve (12) semester hours must be taken at Aquinas.

Only courses with a grade of C- and above will count toward the minor.

Students must maintain a 2.0 GPA in the minor.

## AQUINAS REQUIREMENTS

		GRADE	PREREQUISITES
_____	WGS 100 Foundations in Women's & Gender Studies	4.0	_____
_____	HIST 216 Women in American History	4.0	_____

## Choose one (1) course in Feminist Theory:

_____	WGS 300 Feminist Theory & Activism	4.0	_____
_____	WGS 305 Feminist Ways of Knowing	4.0	_____

**Choose twelve (12) semester hours from the following** (relevant courses in other disciplines may meet elective requirements but must be approved in advance from the Department Chair):

_____	ENGL 262 Women Writers	4.0	_____
_____	PSY 220 Psychology of Women	4.0	_____
_____	SOC 210 Sociology of Marriage & Family	4.0	_____
_____	SOC 225 Subcultures & Deviance	4.0	_____
_____	SOC 305 Race & Ethnicity	4.0	SOC 100
_____	SOC 310 Sociology of Gender	4.0	SOC 100
_____	SOC 315 Social Stratification	4.0	SOC 100
_____	WGS 200 Oral History, Women, & Gender	4.0	_____
_____	WGS 205 Women, Gender, & Sports	4.0	_____
_____	WGS 210 Language & Gender	4.0	_____
_____	WGS 215 Women, Gender, & Environment	4.0	_____
_____	WGS 220 Women & Spirituality	4.0	_____
_____	WGS 225 Variable Topics in Women's & Gender Studies	4.0	_____
_____	WGS 310 Contemporary Issues in Women's & Gender Studies	4.0	WGS 100
_____	WGS 396 Special Topics in Women's & Gender Studies	4.0	_____
_____	WGS 397 Internship in Women's & Gender Studies	4.0	Department Chair Approval
_____	WGS 398 Readings in Women's & Gender Studies	4.0	Department Chair Approval
_____	WGS 399 Independent Project in Women's & Gender Studies	4.0	Department Chair Approval

## **Course Descriptions:**

**WGS 100 Foundations in Women's & Gender Studies (4)** This course introduces Women's and Gender Studies as a field of interdisciplinary study and research. Students read classic and contemporary texts from the Arts, Humanities, Social Sciences, and Sciences to introduce core concepts, issues and institutions affecting gendered lives, the social construction of difference, the interaction of gender with related categories of difference and identity, and feminist epistemologies. Students analyze cultural representations of women and gender and consider how gender, in connection with race, class, ethnicity, sexuality, age, and ability, impacts identities and shapes perceptions, thinking, and actions in everyday life. As part of the course, students also plan and execute a WGS-related program for the community.

**WGS 200 Oral History, Women, & Gender (4)** This course provides students the opportunity to learn about the origins of oral history, examine its methodology, analyze its benefits and limitations, and study exemplary oral histories. Archival research is introduced with guest speakers and/or field trips to local library archives. Students consider the impact of gender on oral history, develop relationships in the local community, and are exposed to new resources, histories, cultures, and social settings. By the end of the course, each student produces an oral history, developing skills in designing and conducting an oral history interview, including pre-interview research; practicing interviewee management skills; recording the interview; transcribing the interview; and presenting an analysis of the project. Past students have archived oral histories of Grand Rapids Dominican Sisters with the national Sister Story Oral History Project.

**WGS 205 Women, Gender, & Sports (4)** Sports offer a rich site for the exploration and representation of social relations. This course explores how the critical lens of gender, in conjunction with race, class, sexuality, and ability, can illuminate an understanding of athletics, and how feminism as both theory and social movement intersects with sports. Students explore histories, issues, and representations of women, gender, and sports in the United States by examining topics such as the evolution of sporting cultures and athletic attire, changing conceptions of women's bodies, "revolutionary" women athletes, legislation impacting athletic experiences, and representations of athletes in popular culture. Students propose, pursue, and present independent research projects deriving from interdisciplinary course materials, guest lectures, and their own interests.

**WGS 210 Language & Gender (4)** This course explores the relationship between language and gender and introduces students to the ways in which people use language to construct, perform, and/or reflect their gender identity/identities. The communicative styles used by women and men in a range of situational and cultural contexts will be examined, as will the interrelatedness of gender with other social identities (sexuality, race/ethnicity, social class) in language use. We will consider issues concerning language structure and ideology, including sexism in the language system and stereotypes or "accepted" beliefs. Students will conduct research on selected topics.

**WGS 215 Women, Gender, & Environment (4)** This course explores representations of gender and nature, theories of ecofeminism, environmental justice movements, and the work of pioneering and contemporary environmental advocates, such as Rachel Carson, Wangari Maathai, Vandana Shiva, and West Michigan women, who have led the modern environmental movement. Through a range of interdisciplinary readings, consistent written responses, discussion, field trips to local environmental organizations, and a final written community engagement project, students apply course models to shape an environmental consciousness for themselves.

**WGS 220 Women & Spirituality (4)** This course explores the topic of spirituality focusing especially on women, approaching studies through readings, discussions, and class presentations on Scripture, Tradition, and Church history; the anthropology/sociology of gender relations; the lives of women mystics; the experience of women in selected works of literature; the experience of contemporary women, including guest speakers; and the experience of class participants. Class readings, presentations, and discussions regarding all of the above will aim to incorporate varying experiences of race, culture, and life stage development.

**WGS 225 Variable Topics in Women's & Gender Studies (4)** This course explores current and relevant topics in the field of Women's & Gender Studies in response to student interest and in pursuit of the Women's and Gender Studies Program SLOs, with a particular focus on adopting a disciplinary lens to pursue a specific topic related to the field.

**WGS 300 Feminist Theory & Activism (4)** Feminist Theory and Activism is designed to explore different ways of thinking about sex/gender, power, and justice, and examines how different theories of gender, power, and justice shape political activism. By comparing a variety of theoretical perspectives (such as liberal, Marxist and radical feminism), we look at different possibilities for analyzing core feminist concepts and the practical implications of theory. This course fulfills elective credits for the Political Science program; it is not accepted for Social Science General Education credit.

**WGS 305 Feminist Ways of Knowing (4)** How do we know what we know? This course explores feminist theories that have impacted contemporary understandings of how knowledge is made. We consider how knowledge-making is situated in social contexts, what it means to look at knowledge through the lens of gender, and, in particular, how knowledge is shaped by language and discourse. Following Sara Ahmed's idea that the personal is theoretical, we will routinely write personal responses to the theories we read, examining how we have come to know as individuals and considering how our new knowledge might impact our lives.

**WGS 310 Contemporary Issues in Women's & Gender Studies (4)** This course uses a gender lens informed by intersectional feminist theory and draws on guest speakers' expertise to explore a contemporary issue from multiple conceptual perspectives: disciplinary (arts, humanities, social sciences, sciences); geographical (local, regional, national, global); and methodological (quantitative, qualitative, and creative) to foster understanding of intersectional identities and issues around the globe. Students' research and creative products conclude the course. Example courses have focused on women's movements, migration, and immigration, and on global women's narratives.

Prerequisite(s): WGS 100.

**WGS 396 Special Topics in Women's & Gender Studies (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**WGS 397 Internship in Women's & Gender Studies (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**WGS 398 Readings in Women's & Gender Studies (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**WGS 399 Independent Project in Women's & Gender Studies (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

## **World Languages**

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**Marcos Romero, Ph.D. Chair**

**Stéphane Bédère, Ph.D.; Katharina Häusler-Gross, Ph.D.; Susan Hojnacki, Ph.D.**

The Department of World Languages offers courses in French, German, and Spanish. Major studies may be pursued in French, German, and Spanish through departmental offerings at Aquinas College and through Study Abroad programs. Minors may be obtained in French, German, Spanish.

Delta Phi Alpha, the Aquinas College Tau Epsilon Chapter of the National German Honor Society, promotes the continued study of German language, literature and civilization, and recognizes excellence in scholarship in German studies.

**Mission Statement.** The Department of World Languages at Aquinas College promotes an understanding of and exchange with other cultures both within and outside the United States. Our integrated program of language learning incorporates all of the four language skills: listening, speaking, reading and writing. Students learn to use the language in a communicative, interactive environment within the classroom. The Department also offers a variety of courses for advanced study in culture, literature, applied language for the professions, translation and interpretation. These courses are designed to enhance an understanding of the richness of the human experience across cultures; which prepare our students for graduate school and the professional world.

**Student Learning Outcomes for DWL Majors (French, German, Spanish).** Student Learning Outcomes (SLO's) in the Department of World Languages are aligned with national and state standards on language teaching, development of language skills, and cultural understanding as reflected in the Proficiency Guidelines by the American Council on the Teaching of Foreign Language (ACTFL).

1. Students will work towards attaining an Intermediate High or higher proficiency level in reading, writing, listening and speaking in the language studied according to recognized professional guidelines in the four language skills (ACTFL Standards)
2. Students will learn to understand both oral and written communication from a variety of sources (i.e., academic lectures, literature, online sources, news broadcasts etc.)
3. Students will learn how to communicate effectively in the target language in spoken and written form, expressing a wide variety of topics from personal information to more abstract views and perspectives related to literary, socio-historical, political and cultural themes.
4. Students will work towards obtaining a broad base of knowledge and perspectives on French-, German-, and Spanish-speaking civilizations and their respective cultures – including literature, the arts, political, socio-historical, and economic structure, etc. – within a variety of interpretive frameworks.
5. Students will learn how to understand aspects of language and culture in the world as part of human communication in wider interdisciplinary contexts.
6. Students will develop skills in critical thinking and analysis, including (but not limited to) textual analysis.

**Language Requirements for General Education Program.** To successfully complete the two-semester language requirement (101 and 102) for the General Education program, all languages offered by the department count to fulfill this requirement. However, students must complete the sequence and receive a minimum grade of “C-” or higher in 101 and 102. Traditional-age first year students and transfer students who have not earned an Associate of Arts Degree must take a language proficiency test for correct placement in, or possible waiver from, the required language courses. Students who have not studied a foreign language in high school, or those who choose to study a language other than the one taken in high school, will be placed in a 100 level course. Transfer students who have earned an Associate of Arts degree and Continuing Education students are not required to fulfill a language requirement under the General Education Program.

A maximum of sixteen (16) semester hours toward the major or minor may be earned through Credit by Examination or through Credit for Prior Learning.

**Certification in Business French** Aquinas College is an approved examination center of the Paris Chamber of Commerce. Students may take the Diplôme de français professionnel Affaires B1 or B2 de la Chambre de Commerce et d'Industrie de Paris at Aquinas College. This French diploma, identical to the one taken in France, is highly respected in the United States, Canada, and Europe. Students who succeed in obtaining this certificate have an in-depth knowledge of the French language and can work in any business-related field. Students are encouraged to contact the World Language department for further information.

# FRENCH MAJOR

*Bachelor of Arts*

2023-2024

**Major Requirements:** Thirty-six (36) semester hours, exclusive of FRE 101 and FRE 102.

At least twenty-two (22) semester hours must be taken at Aquinas.

A maximum of fourteen (14) semester hours may be applied to the major through Advanced Placement, Credit by Exam, and Life Experience.

**All majors are required to spend a semester abroad.**

A cumulative GPA of 2.0 or above must be maintained in the major.

Only courses with a grade of C or better will count toward the major.

## AQUINAS REQUIREMENTS

		GRADE	PREREQUISITES
_____	FRE 201 Intermediate French I: Language & Culture	4.0	_____ FRE 102
_____	FRE 202 Intermediate French II: Language & Culture	4.0	_____ FRE 102
_____	FRE 301 French Conversation & Composition I	4.0	_____ FRE 201 or FRE 202
_____	FRE 302 French Conversation & Composition II (WI)	4.0	_____ FRE 201 or FRE 202
_____	FRE 400 French & Francophone Contemporary Cultures (variable topic)	4.0	_____ FRE 301 or FRE 302

### Choose four (4) semester hours from the following list:

_____	FRE 400 French & Francophone Contemporary Cultures (variable topic) (SC)	4.0	_____ FRE 301 or FRE 302
_____	FRE 405 French for Professions (SC)	4.0	_____ FRE 301 or FRE 302

### Choose twelve (12) semester hours in an approved French Study Away program (Prerequisite is FRE 202 w/C or above or a 360+ on the French Placement Test.)

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Important for future teachers: EDUC 424 (Methods of World Language) is required for all students seeking teacher certification, as well as completion of the Secondary Education major requirements. Candidates must successfully complete 30 credit hours of French beyond FRE 202, including FRE 301 and FRE 302, and seven additional advanced-level French courses. Please contact an Education Department Advisor for details.



# GERMAN MAJOR

*Bachelor of Arts*

2023-2024

Major Requirements: Thirty-six (36) semester hours.

At least twenty-two (22) semester hours must be taken at Aquinas.

All majors are required to spend a semester abroad.

Only courses with a grade of C or better will count toward the major.

## AQUINAS REQUIREMENTS

## GRAD

## PREREQUISITES

_____	GER 201 Intermediate German I: Exploring the German-Speaking World	4.0	_____	GER 102
_____	GER 202 Intermediate German II: German in Intercultural Settings	4.0	_____	GER 201
_____	GER 301 Communicating across Differences	4.0	_____	GER 202
_____	GER 302 Expressing Identity Through Writing (WI)	4.0	_____	GER 202
Choose eight (8) semester hours from the following:				
_____	GER 400 Community Engagement & Research (SC)	4.0	_____	GER 301 or GER 302
_____	GER 405 Seminar in German Studies	4.0	_____	GER 301 or GER 302
_____	GER 410 Arts & Society in D-A-CH Countries	4.0	_____	GER 301 or GER 302

Choose twelve (12) semester hours in an approved German Study Away program (Prerequisite is GER 202 w/C or above or a 401+ on the German Placement Test.)

_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Important for future teachers: EDUC 424 (Methods of World Language) is required for all students seeking teacher certification, as well as completion of the Secondary Education major requirements. Candidates must successfully complete 30 credit hours of German beyond GER 202, including GER 301 and GER 302, and seven additional advanced-level German courses. Please contact an Education Department Advisor for details.

# SPANISH MAJOR

Bachelor of Arts

2023-2024

**Major Requirements:** Forty (40) semester hours.

At least twenty-four (24) semester hours must be taken at Aquinas.

A maximum of sixteen (16) semester hours may be applied to the major through Advanced Placement, Credit by Exam, and Life Experience.

**All majors are required to spend a semester abroad, complete an approved internship in the United States, or complete SPA 410.**

A cumulative GPA of 2.0 or above must be maintained in the major.

Only courses with a grade of C or better will count toward the major.

AQUINAS REQUIREMENTS	GRADE	PREREQUISITES
_____ SPA 201 Intermediate Spanish I: Language & Culture	4.0	_____ SPA 102 w. a C- or higher
_____ SPA 202 Intermediate Spanish II: Language & Culture	4.0	_____ SPA 201 w. a C or higher
_____ SPA 301 Spanish Composition (WI)	4.0	_____ SPA 202 w. a C or higher
_____ SPA 302 Spanish Conversation	4.0	_____ SPA 202 w. a C or higher
<b>Choose one (1) course in Hispanic Linguistics:</b>		
_____ SPA 303 Spanish Pronunciation	4.0	_____ SPA 301
_____ SPA 400 Spanish Linguistics (SC)	4.0	_____ SPA 301, SPA 302 recommended
<b>Choose one (1) course in Hispanic Cultures:</b>		
_____ SPA 320 Cultures of the Spanish-Speaking World	4.0	_____ SPA 301, SPA 302 recommended
_____ SPA 410 Engaging Latinx Grand Rapids	4.0	_____ SPA 301, SPA 302 recommended
<b>Choose one (1) course in Spanish Literature:</b>		
_____ SPA 305 18th to 21st Century Spanish Literature	4.0	_____ SPA 301, SPA 302 recommended
_____ SPA 405 Medieval Spanish Literature & 21st Century U.S. culture	4.0	_____ SPA 301, SPA 302 recommended
<b>Choose one (1) course in Latin American Literature:</b>		
_____ SPA 310 Latin American Literature	4.0	_____ SPA 301, SPA 302 recommended
_____ SPA 315 Chicanx/Latinx Literature	4.0	_____ SPA 301, SPA 302 recommended
<b>Choose eight (8) semester hours of electives:</b>		
_____ SPA 303 Spanish Pronunciation	4.0	_____ SPA 301
_____ SPA 305 18th to 21st Century Spanish Literature	4.0	_____ SPA 301, SPA 302 recommended
_____ SPA 310 Latin American Literature	4.0	_____ SPA 301, SPA 302 recommended
_____ SPA 315 Chicanx/Latinx Literature	4.0	_____ SPA 301, SPA 302 recommended
_____ SPA 320 Cultures of the Spanish-Speaking World	4.0	_____ SPA 301, SPA 302 recommended
_____ SPA 325 Introduction to Community Interpretation	4.0	_____ SPA 301 & SPA 302
_____ SPA 400 Spanish Linguistics (SC)	4.0	_____ SPA 301, SPA 302 recommended
_____ SPA 405 Medieval Spanish Literature & 21st Century U.S. culture	4.0	_____ SPA 301, SPA 302 recommended
_____ SPA 415 Spanish Translation: Concepts & Practice	4.0	_____ SPA 301
<b>Choose one option as part of the eight (8) semester hours of electives:</b>		
_____ Study Away-Spanish	V	_____
_____ SPA 397 Internship (Spanish)	V	_____
_____ SPA 410 Engaging Latinx Grand Rapids	4.0	_____ SPA 301, SPA 302 recommended

Important for future teachers: EDUC 424 (Methods of World Language) is required for all students seeking teacher certification, as well as completion of the Secondary Education major requirements. Candidates must successfully complete 30 credit hours of Spanish beyond SPA 202, including SPA 301 and SPA 302, and seven additional advanced-level Spanish courses. Please contact an Education Department Advisor for details.

Note: Students wishing to transfer credits for SPA 301 and/or SPA 302 from other institutions will be required to take an exam to demonstrate proficiency at the ACTFL standard of Intermediate High or higher for SPA 301 and SPA 302 credits.

All World Languages majors must demonstrate proficiency at the ACTFL (American Council on the Teaching of Foreign Languages) standard of Intermediate mid/high in Writing and Speaking through examination in FRE 301, FRE 302, SPA 301, SPA 302, or GER 301, GER 302. This standard may equally be met by French students who pass the DELF B2 (Diplôme d'Etudes en Langue Française), or the DFP Affaires B2 (Diplôme de français professionnel Affaires), and by German students who pass the ZMP (Zentrale Mittelstufenprüfung Deutsch des Goethe Instituts).

# FRENCH MINOR

2023-2024

**Minor Requirements:** Twenty-four (24) semester hours.

At least sixteen (16) semester hours must be taken at Aquinas.

Only courses with a grade of C or better will count toward the minor.

## AQUINAS REQUIREMENTS

		GRADE	PREREQUISITES
_____	FRE 201 Intermediate French I: Language & Culture	4.0	_____ FRE 102
_____	FRE 202 Intermediate French II: Language & Culture	4.0	_____ FRE 102
_____	FRE 301 French Conversation & Composition I	4.0	_____ FRE 201 or FRE 202
_____	FRE 302 French Conversation & Composition II (WI)	4.0	_____ FRE 201 or FRE 202
_____	FRE 400 French & Francophone Contemporary Cultures (variable topic)	4.0	_____ FRE 301 or FRE 302

## Choose four (4) semester hours from the following:

_____	FRE 400 French & Francophone Contemporary Cultures (variable topic)	4.0	_____ FRE 301 or FRE 302
_____	FRE 405 French for Professions (SC)	4.0	_____ FRE 301 or FRE 302

# GERMAN MINOR

2023-2024

**Minor Requirements:** Twenty-four (24) semester hours, exclusive of GER 101 and GER 102.

At least sixteen (16) semester hours must be taken at Aquinas.

Only courses with a grade of C or better will count toward the minor.

## AQUINAS REQUIREMENTS

	GRADE	PREREQUISITES
_____ GER 201 Intermediate German I: Exploring the German-Speaking World	4.0	_____ GER 102
_____ GER 202 Intermediate German II: German in Intercultural Settings	4.0	_____ GER 201
_____ GER 301 Communicating across Differences	4.0	_____ GER 202
_____ GER 302 Expressing Identity Through Writing (WI)	4.0	_____ GER 202

## Choose eight (8) semester hours from the following:

_____ GER 400 Community Engagement & Research (SC)	4.0	_____ GER 301 or GER 302
_____ GER 405 Seminar in German Studies	4.0	_____ GER 301 or GER 302
_____ GER 410 Arts & Society in D-A-CH Countries	4.0	_____ GER 301 or GER 302

## SPANISH MINOR

2023-2024

**Minor Requirements:** Twenty-four (24) semester hours, exclusive of SPA 101 and SPA 102.

At least sixteen (16) semester hours must be taken at Aquinas.

A maximum of eight (8) semester hours may be purchased through Credit by Exam or Life Experience.

A cumulative GPA of 2.0 or above must be maintained in the minor.

Only courses with a grade of C or better will count toward the minor.

### AQUINAS REQUIREMENTS

_____	SPA 201 Intermediate Spanish I: Language & Culture	4.0
_____	SPA 202 Intermediate Spanish II: Language & Culture	4.0
_____	SPA 301 Spanish Composition (WI)	4.0
_____	SPA 302 Spanish Conversation	4.0

### GRADE

### PREREQUISITES

_____	SPA 102
_____	SPA 201
_____	SPA 202
_____	SPA 202

### Choose eight (8) semester hours of the following:

_____	SPA 303 Spanish Pronunciation	4.0
_____	SPA 305 18th to 21st Century Spanish Literature	4.0
_____	SPA 310 Latin American Literature	4.0
_____	SPA 315 Chicana/Latina Literature	4.0
_____	SPA 320 Cultures of the Spanish-Speaking World	4.0
_____	SPA 325 Introduction to Community Interpretation	4.0
_____	SPA 400 Spanish Linguistics (SC)	4.0
_____	SPA 405 Medieval Spanish Literature & 21st Century U.S. Culture	4.0
_____	SPA 410 Engaging Latina Grand Rapids	4.0
_____	SPA 415 Spanish Translation: Concepts & Practice	4.0

_____	SPA 301
_____	SPA 301, SPA 302 recommended
_____	SPA 301, SPA 302 recommended
_____	SPA 301, SPA 302 recommended
_____	SPA 301, SPA 302 recommended
_____	SPA 301 & SPA 302
_____	SPA 301, SPA 302 recommended
_____	SPA 301, SPA 302 recommended
_____	SPA 301

Students transferring credits for SPA 301 and/or SPA 302 from other institutions will be required to take an exam and demonstrate proficiency at the ACTFL standard of Intermediate High or higher for SPA 301/302 credits.

## Spanish Translation & Interpretation Minor

2023-2024

**Minor Requirements:** Twenty-four (24) semester hours, exclusive of SPA 101, SPA 102 and SPA 201.

At least twelve (12) semester hours must be taken at Aquinas.

A maximum of twelve (12) semester hours may be applied to the minor through Advanced Placement, Credit by Exam, and Life Experience.

This minor may not be combined with a Spanish major or minor.

A cumulative GPA of 2.7 or above must be maintained in minor courses.

Only courses with a grade of C or better will apply toward the minor.

### AQUINAS REQUIREMENTS

_____	SPA 202 Intermediate Spanish II: Language & Culture	4.0
_____	SPA 301 Spanish Composition	4.0
_____	SPA 302 Spanish Conversation	4.0
_____	SPA 325 Introduction to Community Interpretation	4.0
_____	SPA 415 Spanish Translation: Concepts & Practice	4.0
_____	SPA 420 Translation & Interpretation Practicum	4.0

### PREREQUISITES

_____	SPA 201
_____	SPA 202
_____	SPA 202
_____	SPA 301 & SPA 302
_____	SPA 301
_____	SPA 415 or SPA 325

## **Important Information for Education Students**

Students seeking Elementary and/or Secondary Michigan teacher certification must have a major in French, German, or Spanish. In Spanish, students can obtain an Elementary (K-8) or Secondary Certification (K- 12), in German and French; students can obtain a Secondary Certification (6-12). Candidates must successfully complete thirty (30) semester hours (thirty-one 31 in Spanish) of the language beyond 202, 301, 302 in French, German, or Spanish and three (3) additional advanced-level courses including. Please contact an Education Department advisor for details.

EDUC 424 (Methods of World Language) is required of all students seeking teacher certification in French, German, or Spanish. These courses do not count as semester hours toward the foreign language major, but rather as methodology courses for the Education Department. The Department of World Languages works closely with other departments and programs to obtain dual degrees (Education Department: Bilingual Minor Endorsement; Business Department: International Business Degree; Political Science: International Studies Degree). Please see appropriate department chairpersons for details.

Costs associated with required language proficiency exams will be the responsibility of the student. This applies to the following programs:

- Education - Bilingual Spanish
- Education - French
- Education - German
- Education - Spanish

## **Course Grade Requirement - All Language Majors and Minors**

The required grade for all courses listed beyond 201 is a grade of “C” or higher. All subsequent courses must also be completed with a grade of “C” or higher in order to count towards the Major or Minor.

For projected language courses and four-year advising plans please consult the Department’s Website: [aquinas.edu/languages/degrees](http://aquinas.edu/languages/degrees).

## **French Course Descriptions:**

**FRE 101 Beginning French I: Language and Culture (4)** An introduction to the French language and francophone cultures. In this course students focus on communicative proficiency and practice listening, speaking, reading, and writing at an elementary level (Novice Mid on the ACTFL proficiency scale). To develop intercultural competence skills, students also learn about differences between French-speaking countries and the USA.

**FRE 102 Beginning French II: Language & Culture (4)** A continuing study of the French language and francophone cultures. In this course students focus on communicative proficiency and practice listening, speaking, reading, and writing at an advanced elementary level (Novice High on the ACTFL proficiency scale). To strengthen their intercultural competence skills, students continue to learn about and study the cultures of the French-speaking world. Prerequisite(s): FRE 101 or appropriate placement test score.

**FRE 201 Intermediate French I: Language & Culture (4)** This course is part of a two-semester sequence of intermediate French. Through the study of different and varied cultural topics of the francophone world, students will move beyond what is often referred to as “survival skills” learned in first-year French to become more sophisticated language users. At the 200 level, students will begin work at the ACTFL Novice High level and should exit this level at Intermediate Low. Prerequisite(s): FRE 102 or appropriate placement test score.

**FRE 202 Intermediate French II: Language & Culture (4)** This course is part of a two-semester sequence of intermediate French. Through the study of different and varied cultural topics of the francophone world, students will move beyond what is often referred to as “survival skills” learned in first-year French to become more sophisticated language users. At the 200 level, students will begin work at the ACTFL Novice High level and should exit this level at Intermediate Low. Prerequisite(s): FRE 102 or appropriate placement test score.

**FRE 301 French Conversation & Composition I (4)** This course is an intermediate-low to intermediate-mid level course according to the ACTFL Proficiency Guidelines. It is conducted solely in French and focuses on oral communication while also continuing to work on structural elements of the French language and building vocabulary and fluency. The topics that students will discuss might include new trends in French society, the environment, the arts, the education system, immigration, etc. Prerequisite(s): FRE 201 or FRE 202 or appropriate placement test score.

**FRE 302 French Conversation & Composition II (4)** This course is an intermediate-low to intermediate-mid level course according to the ACTFL Proficiency Guidelines. It is conducted solely in French and focuses on written communication while also continuing to work on oral communication. Different writing genres are explored, including description, narration, exposition, and argumentation. Students study and critique model compositions and practice the composition process in stage. The topics students will discuss might include new trends in French society, the environment, the arts, the education system, immigration, etc. Prerequisite(s): FRE 201 or FRE 202 or appropriate placement test score.

**FRE 396 Special Topics in French (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**FRE 397 Internship in French (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**FRE 398 Readings in French (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**FRE 399 Independent Project in French (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**FRE 400 French & Francophone Contemporary Cultures (4)** Designed to be taught as a variable topic course, thus allowing students to take it more than once as long as its topic varies. This course will focus on a specific aspect of the French and/ or Francophone cultures. Examples of possible topics are Women in France, French Cinema, French (neo-)Colonialism, and its Impacts, The Francophone World Today, French Society and Politics. By the end of the semester students will perform at an intermediate-high level of proficiency on the ACTFL scale. Prerequisite(s): FRE 301 or FRE 302 with C or above.

**FRE 405 French for Professions (4)** This course will provide students with tools to help them communicate and acquire autonomy in French in a professional context. By the end of the semester students will perform at an



intermediate-high level of proficiency on the ACTFL scale. This course also prepares students for the worldwide recognized Diploma in French Business (B1 level). Prerequisite(s): FRE 301 or FRE 302 with a C or above

### **German Course Descriptions:**

**GER 101 Beginning German I: Language & Culture (4)** An introduction to German language and culture with a focus on communicative proficiency. Students will learn to read, write, comprehend, and speak German at an elementary level (Novice Mid on the ACTFL proficiency scale). Focus will also be placed on developing intercultural competence through a comparative study of cultural differences between Germany, Austria, Switzerland, and the USA.

**GER 102 Beginning German II: Language & Culture (4)** A continuing study of German language and culture with a focus on communicative proficiency. Students will learn to read, write, comprehend, and speak German at an advanced elementary level (Novice High on the ACTFL proficiency scale). Focus will be placed on understanding the unique historical and political events that have helped create the culture of the German-speaking world, as well as what that means for German-American relations. Prerequisite(s): GER 101 or appropriate placement test score.

**GER 201 Intermediate German I: Exploring the German-Speaking World (4)** This course will spend time getting to know the cities, regions, landscapes, environment, and social interactions of the German-speaking world. Topics will include: Green Germany: environment and sustainability; Expressing oneself through social media, hobbies, clothes, and actions; Social Justice in Germany and the US; and an exploration of the major metropolitan areas of Germany, Austria, and Switzerland. Students will focus on the intermediate structural elements of German as well as building their vocabulary and gaining a higher level of intercultural competence. At the 200 level, students will begin work at the ACTFL Novice High level and should exit this level at Intermediate Low. Prerequisite(s): GER 102 or appropriate placement test score.

**GER 202 Intermediate German II: German in Intercultural Settings (4)** This course will work on ways to apply the German language in real-world and intercultural settings. Topics will include: Entertainment, Studying Abroad, Health and Wellness, and News and Politics of Current Events. Students will focus on the intermediate structural elements of German as well as building their vocabulary and gaining a higher level of intercultural competence. At the 200 level, students will begin work at the ACTFL Novice High level and should exit this level at Intermediate Low. Prerequisite(s): GER 201 with C or above or appropriate placement test score.

**GER 301 Communicating across Differences (4)** This course is designed with an emphasis on oral communication and the further development of speaking skills through controlled conversations correlated with readings, role plays, debates, discussions, and presentations, while also continuing to work on structural elements of the German language and building vocabulary and fluency. Topics will include: language, history, film, politics, national and personal identities, diversity issues, foreigners, minorities, the educational system, religion, and gender issues. At the 300 level, students should begin work at the ACTFL Intermediate Low level and exit at Intermediate Mid. Prerequisite(s): GER 202 with C or above or appropriate placement test score

**GER 302 Expressing Identity Through Writing (4)** This course will focus on written communication while also continuing to work on structural elements of the German language and building vocabulary and fluency. Topics will include: Creative expression through short stories and poetry; Writing a resume, cover letter, and personal portfolio; Understanding the literature of Post-WWII Germany, and writing an extended personal narrative. At the 300 level, students should begin work at the ACTFL Intermediate Low level and exit at Intermediate Mid. Prerequisite(s): GER 201 and GER 202 with C or above.

**GER 396 Special Topics in German (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**GER 397 Internship in German (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**GER 398 Readings in German (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**GER 399 Independent Project in German (4)** Individually negotiated project in a selected area established between

instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**GER 400 Community Engagement & Research (4)** This course will revolve around one community-based project in which students will work as a team to do research and create a product based on the needs of a community partner. The project will include use of the German language and understanding of the German culture to create materials and/or events, which contribute to the German-American community here in West Michigan or for a broader audience online. Students will apply their German proficiency as they learn from those outside the Aquinas campus, build professional communication skills, and serve the needs of others. At the 400 level, students will begin work at the ACTFL Intermediate Mid level and exit at Intermediate High. Prerequisite(s): GER 301 or GER 302 with C or above.

**GER 405 Seminar in German Studies (4)** Variable topics in German Literature and Culture. In seminar form for students with advanced proficiency in the German language. Prerequisite(s): GER 301 or GER 302 with C or above.

**GER 410 Arts and Society in D-A-CH Countries (4)** This course will focus on creative expression in the German-speaking world including: architecture, the visual arts (drawing, painting, photography, sculpture, and filmmaking), literary arts (prose, poetry, and drama), performing arts (dance, music, theater, and street art), fashion, folk art, oral storytelling, the culinary arts, and installation art. At the 400 level, students will begin work at the ACTFL Intermediate Mid level and exit at Intermediate High. Prerequisite(s): GER 301 or GER 302 with C or above.

### **Spanish Course Descriptions:**

**SPA 101 Beginning Spanish I: Language & Culture (4)** Introduction to the Spanish language and to the cultures of the Spanish-speaking countries. Students will practice listening, speaking, writing, and reading at the novice level. This course is intended for students with no previous knowledge of Spanish. Students with 3 or more years of high school Spanish, native speakers, or heritage speakers should not take this class.

**SPA 102 Beginning Spanish II: Language & Culture (4)** Continuation and development of listening, speaking, reading, and writing skills. Further exposure to the cultures of Spanish-speaking countries. Prerequisite(s): SPA 101 or appropriate placement test score.

**SPA 201 Intermediate Spanish I: Language & Culture (4)** Expansion of the four language skills and cultural knowledge at an intermediate level. Class will consist of in-person meetings and virtual conversations with native speakers. Prerequisite(s): SPA 102 or appropriate placement test score.

**SPA 202 Intermediate Spanish II: Language & Culture (4)** Further expansion of the four language skills and cultural knowledge at an intermediate level. Class will consist of in-person meetings and virtual conversations with native speakers. Prerequisite(s): SPA 201 with C or above or appropriate placement test score.

**SPA 301 Spanish Composition (4)** Strong emphasis on reading, writing, and grammar review. Students approach writing as a process. Different writing genres are explored, including description, narration, exposition, argumentation, and literary analysis. Students study and critique model compositions, and practice the composition process in stages. Emphasis on grammar structures and vocabulary enhancement is designed to improve written communication. Multiple drafts and peer editing of compositions are part of the process. Prerequisite(s): SPA 202 with C or above or appropriate placement test score.

**SPA 302 Spanish Conversation (4)** A course designed to integrate the four basic language skills: speaking, listening, writing and reading with an emphasis on speaking and listening. The main focus of this course is to bring students to the intermediate high level via controlled conversations correlated with readings, reports, debates, discussions, and presentations. Topics include, among others, language, politics, national and personal identities, diversity issues, foreigners, minorities, the educational system, religion, and gender issues. This course may be repeated if taken abroad and on campus. Prerequisite(s): SPA 202 with C or above or appropriate placement test score.

**SPA 303 Spanish Pronunciation (4)** This course provides a comprehensive description of the sound system of Spanish, with attention to the major phonetic characteristics of regional varieties of Spanish both from Spain and Latin America. The main goal of this class is to help students improve their own pronunciation of Spanish through an understanding of how sounds are produced (phonetics) and organized in the Spanish language (phonology) as well as through numerous opportunities to practice their pronunciation inside and outside the classroom. This class will also address common pronunciation problems faced by learners of Spanish. Prerequisite(s): SPA 301 with C or above.

**SPA 305 18th to 21st Century Spanish Literature (4)** This course consists of readings, discussion and analysis of

Peninsular works in prose, poetry, and theater from the 18th century to the present. In this course we will be enlightened by the Enlightenment, romanced by the Romanticism and then we will contemporize these classic works in the style of 20th and 21st century Spanish writers. The course's organizing theme and texts will vary.

Prerequisite(s): SPA 301 with C or above. SPA 302 recommended.

**SPA 310 Latin American Literature (4)** This course is designed to be taught as a variable topics course, thus allowing students to take it more than once as long as its particular topic varies. This course will focus on the diversity of Latin American literature, and how it reflects society and its historical period. Examples of possible topics are:

Women and Gender in Latin American Literature, Minorities in Latin American Literature, Literature and Resistance.

Prerequisite(s): SPA 301 with C or above. SPA 302 recommended.

**SPA 315 Chicana/Latina Literature (4)** This course is designed to be taught as a variable topics course, thus allowing students to take it more than once as long as its particular topic varies. Course materials will be in Spanish, English, and Bilingual texts and films. Assessment centers upon Spanish oral and written skills.

This course will focus on questions regarding immigration, adaptation, and multigenerational living within the US.

Examples of possible topics are: Latina-Americanxs, Cuban-American Literature, Chicana Literature, New Mexican "Read Trip", Border-Lives, Latina Environmentalisms, Chicana Readings, Southwest US. This course has had an Experiential / Service Learning component. Examples of past excursions include New Mexico, Chicago (Pilsen Area) and Detroit (SW "Mexicantown"). Fee required. Prerequisite(s): SPA 301 with C or above. SPA 302 recommended.

**SPA 320 Cultures of the Spanish-Speaking World (4)** This course is designed to be taught as a variable topics course, thus allowing students to take it more than once as long as its particular topic varies.

This course will focus on different cultural aspects of the Spanish-speaking world. Examples of possible topics are: Spanish Language film, Latin American culture and civilization from pre-Columbians to the 21st Century, Spanish culture and Civilization in Spain, Dictatorships in the Spanish-Speaking World, Politics in Spain since 1975, Arts in Latin America, etc. Prerequisite(s): SPA 301 with C or above. SPA 302 recommended.

**SPA 325 Introduction to Community Interpretation (4)** This course consists of introducing students to the theory, application, and practice of English to Spanish and Spanish to English community interpreting. Throughout the course, students will practice and perfect sight translations, consecutive interpretations, and simultaneous interpretations. These translations and interpretations will primarily cover the fields of social services, schools, medical services, and other community-based settings. This course is primarily designed to assist students who are interested in pursuing a career related to interpreting and/or translating as well as those who wish to improve their proficiency in written and spoken Spanish. Students will seek opportunities to perform sight translations and/or interpretations on campus and in their communities. Prerequisite(s): SPA 301 and SPA 302 with C or above.

**SPA 396 Special Topics in Spanish (4)** Special topics offered on an occasional basis. Not accepted for General Education credit.

**SPA 397 Internship in Spanish (4 - 12)** Internships offer students the opportunity to integrate academic reflection with a career and work environment. All internships must be approved by the department chairperson and the Career Services Office. Course fee required.

**SPA 398 Readings in Spanish (4)** Individually negotiated program of readings on a selected topic established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**SPA 399 Independent Project in Spanish (4)** Individually negotiated project in a selected area established between instructor and student. Department chairperson approval required. Contracts filed with Registrar. Not accepted for General Education credit.

**SPA 400 Spanish Linguistics (4)** This course is an introduction to the study of the different areas of the Spanish language: the sound system (phonology), word formation (morphology), the structure of utterances (syntax), and meaning and usage (pragmatics). Several aspects related to language variation, such as regional dialects, bilingualism, and Spanish in the US will be discussed. Students will have the opportunity to research and present on these topics.

Prerequisite(s): SPA 301 with C or above. SPA 302 recommended.

**SPA 405 Medieval Spanish Literature & XXI US Culture (4)** This course consists of readings, discussion, and analysis of Peninsular works in prose, poetry, and theater from the 12th century to the 17th century. We will also explore current national and international themes in literature, art, music, and politics in order to find commonalities between these periods of time. The course's organizing theme and its selection of genres and texts will vary.

Prerequisite(s): SPA 301 with C or above. SPA 302 recommended.

**SPA 410 Engaging Latinx Grand Rapids (4)** Engaging Latinx GR is an experiential learning course dedicated to understand the effects of immigration within the US Midwest, and thus adding to the diversity and multicultural life within the greater Grand Rapids Area. Class lectures and discussions will be conducted completely in Spanish. In addition to the on-campus class time, Aquinas students will volunteer a minimum of two hours a week at César E. Chávez Elementary School, a transitional bilingual school on Hall Street at 1205 Grandville Avenue SW Grand Rapids, MI 49503. Through this study, we will gain a perspective on multicultural and multilingual life in the Spanish-Speaking diaspora of Western Michigan. Assessment is based on AQ class participation, CECE volunteer hours, and 4 Written Spanish Thematic Compositions. Prerequisite(s): SPA 301 with C or above. SPA 302 recommended.

**SPA 415 Spanish Translation: Concepts/Practice (4)** This course is an introduction to the methods, techniques, and problems involved in translating from Spanish into English, and vice-versa. Emphasis is on the practice of translating general material with some consideration of the translation of specialized texts. The course will also involve the discussion of translation problems, recognition of appropriate solutions, and the use of specific translation strategies. The goal of this course is, therefore, to use translation to provide learners of Spanish with hands-on manipulation of grammatical, lexical, discursive, and cultural detail, so that they can improve their understanding of the Spanish language and appreciate the complexity and rigorous nature of professional translation. Students will have the opportunity to practice translation both in class and outside of class. Prerequisite(s): SPA 301 with C or above. SPA 302 recommended.

**SPA 420 Translation and Interpretation Practicum (4)** A full-time (or equivalent part-time) work assignment that provides the opportunity for the student to extend classroom learning through work experience in an appropriate setting. Prerequisite(s): SPA 325 or SPA 415.

# **VI. Student Resource Guide**

## Student Resource Guide

# Student Resource Guide

## **Accessibility Services**

Location: Wege Student Center, Room 103  
Phone: (616) 632-2177  
Email: [accessibility@aquinas.edu](mailto:accessibility@aquinas.edu)  
Web Address: [aquinas.edu/accessibility-services](http://aquinas.edu/accessibility-services)

## **AQ Advantage Center**

Location: Mother Victor Flannery Hall  
Phone: (616) 632-2126  
Web Address: [aquinas.edu/aq-advantage-center](http://aquinas.edu/aq-advantage-center)

## **Bookstore - Aquinas College Bookstore**

Location: Lower Level, Wege Student Center  
Phone: (616) 632-2962  
Email: [aquinas@bkstr.com](mailto:aquinas@bkstr.com)  
Web Address: [aquinascollegeshop.com](http://aquinascollegeshop.com)

## **Center for Sustainability (C4S)**

Location: Albertus Hall- Rm 129  
Phone: (616) 632-1994  
Email: [eimerjes@aquinas.edu](mailto:eimerjes@aquinas.edu)  
Web Address: [aquinas.edu/sustainability](http://aquinas.edu/sustainability)

## **Campus Ministry / Service Learning**

Location: Academic Building 309/311  
Phone: (616) 632-2488  
Web Address: [aquinas.edu/campus-ministry](http://aquinas.edu/campus-ministry)

## **Campus Safety**

Location: Campus Safety (West end of the Wege Lot)  
Phone: (616) 632-2462, Emergency 3333 (Campus Phones)  
Email: [cso@aquinas.edu](mailto:cso@aquinas.edu), [aqdispatchers@aquinas.edu](mailto:aqdispatchers@aquinas.edu)  
Web Address: [aquinas.edu/campus-safety](http://aquinas.edu/campus-safety)

**Emergencies:** Any emergencies (fire, medical, criminal) should be reported immediately to Campus Safety by dialing ext. 3333 on any internal campus phone, picking up any “emergency phone” on campus, or by calling 616-632-2462 on a cell phone.

## **Career Services**

Location: Mother Victor Flannery Hall  
Phone: (616) 632-2126  
Email: [careerservices@aquinas.edu](mailto:careerservices@aquinas.edu)  
Web Address: [aqadvantage.aquinas.edu/](http://aqadvantage.aquinas.edu/)

## **Center for Opportunities, Resources, and Excellence (CORE)**

Location: Library  
Director: Dondrea Brown  
Coordinator: Jessica Kline

Phone: 616-632-2165  
Email: [core@aquinas.edu](mailto:core@aquinas.edu)  
Website Address: [aquinas.edu/core](http://aquinas.edu/core)  
Instagram: [aq.core.studytables](https://www.instagram.com/aq.core.studytables)

## **Counseling, Health, and Wellness Services**

Location: Donnelly Center, Lower Level  
Phone: (616) 632-2905  
Email: [chws@aquinas.edu](mailto:chws@aquinas.edu)  
Web Address: [aquinas.edu/counseling-health-wellness](http://aquinas.edu/counseling-health-wellness)

## **Diversity, Inclusion, & Equity - Center for Diversity, Inclusion, & Equity**

Location: 2nd Floor, Cook Carriage House 208  
Phone: (616) 632-2439  
Email: [cdi@aquinas.edu](mailto:cdi@aquinas.edu)  
Web Address: [aquinas.edu/center-diversity-inclusion](http://aquinas.edu/center-diversity-inclusion)

## **Financial Aid**

Location: Hrubby Hall - HH34  
Phone: (616) 632-2893  
Email: [financialaid@aquinas.edu](mailto:financialaid@aquinas.edu)  
Web Address: [aquinas.edu/financial-aid](http://aquinas.edu/financial-aid)

## **Health Center**

Aquinas College partners with Metro Health providing a way to improve the health of Aquinas Communities.  
Location: Wege Center, Lower Level  
Phone: (616) 632-2969  
Web Address: [aquinas.edu/resources/student-resources/counseling-health-wellness/health-center](http://aquinas.edu/resources/student-resources/counseling-health-wellness/health-center)

## **Information Technology & Services (ITS Help Desk for computer support)**

Location: Academic Building - AB350  
Phone: (616) 632-2050  
Email: [techhelp@aquinas.edu](mailto:techhelp@aquinas.edu)  
Web Address: [aquinas.edu/its](http://aquinas.edu/its)

## **Library - Grace Hauenstein Library**

Location: JLH  
Phone: (616) 632-2137  
Email: [aqlibrarian@gmail.com](mailto:aqlibrarian@gmail.com)  
Web Address: [aquinas.edu/library](http://aquinas.edu/library)

## **Study Tables at CORE**

Location: Library  
Coordinator: Sara Haviland  
Phone: 616-632-2167  
Email: [smh006@aquinas.edu](mailto:smh006@aquinas.edu)  
Instagram: [aq.core.studytables](https://www.instagram.com/aq.core.studytables)

### **Peer Tutoring Services at CORE**

Location: Library  
Coordinator: Jill Straub  
Phone: (616) 632-2170  
Email: [peertutoring@aquinas.edu](mailto:peertutoring@aquinas.edu)  
Web Address: [aquinas.edu/peer-tutoring](http://aquinas.edu/peer-tutoring)  
Facebook: [www.facebook.com/saintstutor](http://www.facebook.com/saintstutor)

### **Registrar/ Advising Center**

Location: Hrubby Hall - HH30 & HH31  
Phone: (616) 632-2871  
Email: [registrar@aquinas.edu](mailto:registrar@aquinas.edu)  
Web Addresses: [aquinas.edu/registrar](http://aquinas.edu/registrar)

### **Housing & Residence Life Experience**

Location: Regina Hall, Lower Level  
Phone: (616) 632-2944  
Email: [reslife@aquinas.edu](mailto:reslife@aquinas.edu)  
Web Address: [aquinas.edu/residence-life](http://aquinas.edu/residence-life)

### **Student Accounts**

Location: Hrubby Hall - Room 131  
Phone: (616) 632-2864  
Email: [studentaccounts@aquinas.edu](mailto:studentaccounts@aquinas.edu)  
Web Address: [aquinas.edu/studentaccounts](http://aquinas.edu/studentaccounts)

### **Student Activities and Orientation**

Location: Cook Carriage House, Room 107  
Phone: (616) 632-2983  
Email: [sao@aquinas.edu](mailto:sao@aquinas.edu)  
Web Address: [aquinas.edu/life-aq](http://aquinas.edu/life-aq)  
Facebook: Aquinas\_SAO  
Instagram: @aquinas\_sao

### **Student Support Services at CORE**

Location: Library  
Director: Dondrea Brown  
Phone: (616) 632-2163  
Email: [student.support.services@aquinas.edu](mailto:student.support.services@aquinas.edu)  
Web Address: [aquinas.edu/sss](http://aquinas.edu/sss)

### **Student Success**

Location: Hrubby Hall- Room 137  
Phone (616) 632-2073  
Email: [studentsuccess@aquinas.edu](mailto:studentsuccess@aquinas.edu)  
Web Address: <https://www.aquinas.edu/student-success>

### **Office of International Programs**

Location: Academic Building 359  
Phone (616) 632-2067  
Web Address: [aquinas.edu/office-international-programs](http://aquinas.edu/office-international-programs)  
Email: [nisha.vanlaar@aquinas.edu](mailto:nisha.vanlaar@aquinas.edu)  
[studyaway@aquinas.edu](mailto:studyaway@aquinas.edu)

### **Writing Center at CORE**

Location: Library  
Coordinator: Julie Bevins  
Phone: (616) 632-2168  
Email: [thewritingcenter@aquinas.edu](mailto:thewritingcenter@aquinas.edu)  
Web Address: [aquinas.edu/writing-center](http://aquinas.edu/writing-center)  
Instagram: [writingcenteraq](https://www.instagram.com/writingcenteraq)

### **Women's Studies Center - Jane Hibbard Idema**

#### **Women's Studies Center**

Location: Academic Building – Rm 263 & 265  
Phone: (616) 632-2979  
Email: [womenscenter@aquinas.edu](mailto:womenscenter@aquinas.edu)  
Web Address: [aquinas.edu/womens-studies/jane-hibbard-idema-womens-studies-center](http://aquinas.edu/womens-studies/jane-hibbard-idema-womens-studies-center)

## **VII. Student Conduct**



# Student Conduct

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**Student Conduct.** In keeping with the objectives of Aquinas College, students are expected to observe standards of self-discipline in exercising their rights and implementing their responsibilities. Respect for one's own dignity and consideration for the dignity of others are the guidelines.

The Student Conduct Code specifies the minimum level of conduct expected of every student at Aquinas College. The policies and procedures given are those that students, faculty, and administrators at this college have agreed upon to further the educational aims of the College and to assist all students in their educational and personal development. A student voluntarily joining this College community assumes the obligation of knowing and abiding by the standards it has instituted relevant to its mission, goals, processes, and functions. The current code can be found on the Dean of Students website at [aquinas.edu/student-affairs](http://aquinas.edu/student-affairs).

Since some students from time to time jeopardize their own welfare and that of the College community, Aquinas College, through the Dean of Students Office, reserves the right to suspend or expel at any time, for stated cause and following fair procedure, any student whose conduct is not in accordance with the ideals and standards of the College, and whose presence is considered detrimental to the general welfare.

The details of the Student Conduct Code, the College Judicial System, and the guidelines for residence hall life are published in the Student Handbook. All students are responsible for knowing and abiding by the Code and other published policies and regulations.

**Student Personal Welfare** All Aquinas College students are expected to behave in a manner that protects and preserves their health, safety, property, and/or physical well-being, as well as that of others in the campus community. This expectation includes the responsibility to take appropriate measures, including seeking appropriate assistance, when there is evidence to suggest that they may be unable to adhere to this standard, thus jeopardizing their success and the success of others at the College.

College policy states: A student shall take no action which threatens or endangers their own or another person's safety, health, life, or property, nor shall a student make a verbal or written threat of such actions. This includes, but is not limited to, behaviors such as suicide threats or attempts; verbal or written threats to other persons of their property; and/or refusing treatment for life-threatening illness or conditions (e.g. eating disorders, diabetes) that may impact the educational process. A student shall not engage in any harmful act to another or an act of self-injury whether the intent is Para suicidal or suicidal, if that act is disruptive to others on campus (this includes cutting and other types of self-mutilation). Any report of a violation of this standard requires the completion of an incident report and following of one of the procedures below.

Follow-up procedures where the student conduct may be a danger to self or others. The Dean of Students, or designee, as appropriate, shall review the situation and take the following measures, as necessary:

1. The student may be required, at the discretion of the Dean of Students, or designee, to have a professional assessment by qualified medical doctor or psychiatrist, to determine suitability to participate in the educational opportunities offered by the College and to live on campus.
2. The student may be required to abide by the requirements set by the Dean of Students, or designee, and other key College personnel related to appropriate personal conduct on campus.
3. The student may be required to have a professional treatment session with the licensed mental health professional after the incident or release from a medical facility or a behavioral/mental health center, depending on the circumstances and the information received from the treating medical personnel, to assure that it is safe to return the student to their campus residence and educational program.

4. A “Release of Information” form may be required from the student under appropriate circumstances allowing the Dean of Students Office and/or SCAT to be informed of the assessment and any “after-care” plan of the licensed mental health professional. All such information obtained will be treated as confidential medical information, released only on a need to know basis. The student **MUST** follow this plan. Failure to adhere to the requirements set by the mental health professional may result in corrective action which may include removal from residence, classes, school and/or campus.
5. In the event of a serious situation, the Dean of Students, or designee, may take other steps, including contacting the student’s parents, guardians, and/or significant others, or requiring additional mental health sessions.
6. A student may appeal the actions of the Dean of Students to the Provost. However, the student must comply with any requirements implemented for perceived safety concerns pending a final decision by the Provost.

**Emergency Situations.** In emergencies where the Dean of Students Office judges there to be imminent danger or serious harm to persons or to property, or serious violation of city, state, or federal laws, the Dean of Students Office may summarily suspend students, pending review through the appeal process below.

The student shall have the right to appeal the action of the Dean of Students Office to the President. An appeal in these situations must be delivered electronically or in writing to the President’s office within seven (7) days of the Dean of Students Office decision. If the appeal is not made within the allotted seven (7) days, the right of appeal is no longer available, unless the student is physically or mentally unable to submit the appeal. In that case, the seven (7) day period begins as soon as the student is physically able and/or mentally competent to file an appeal. The decision of the President is final.

**Disability Accommodations.** The policy and these guidelines will be implemented with due regard for any rights the student may have under Section 504 of the Rehabilitation Act and/or the Americans with Disabilities Act. Accommodations will be available upon request under appropriate circumstances.

**Tobacco Use.** Effective August 1, 2015 Aquinas College will be a smoke free campus.

## **VIII. Directories**

Administration  
Faculty  
Emeriti Faculty

## **Administration**

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President

Alicia R. Córdoba, D.M.A

### **Cabinet**

Provost and Executive Vice Preseident for Academic Affairs

Stephen Germic, Ph.D.

Vice President for Operations

Charles Gunnoe, Ph.D.

Chief Information Officer

Bob Wisler

Vice Preseident for Intercollegiate Athletics

Nicholas Davidson, M.B.A.

Interim Vice President for Enrollment Management

Brian Matzke

Vice President for Finance

Tim Stafford

### **Deans and Academic Officers**

Dean of the School of Education

Sister Justine Kane, O.P., Ph.D.

Dean of Science & Sustainability

Sister Damien Marie Savino, F.S.E., Ph.D.

Dean of Students

Alicia Lloyd, M.Ed.

## **Full Time Faculty**

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Date in parentheses indicates year of first appointment at Aquinas College

**Duane Ambrose**, Assistant Professor of Kinesiology (1999) B.S. University of Wisconsin-Superior; M.A. Western Michigan University; Ed.D. United States Sports Academy

**Michelle Anderson**, Associate Professor of Education (2019) B.A. Western Michigan University; M.A. Central Michigan University; Ed.D. University of Pittsburgh.

**Briana Asmus**, Visiting Assistant Professor of Education (2023). B.A. Aquinas College, M.A. Western Michigan University; Ph.D., Western Michigan University

**Penny Avery**, Professor of Communication (1994) B.S., M.A, Central Michigan University; Ph.D., Michigan State University

**Thomas Bahl**, Associate Professor of Biology (2002) B.S., Pennsylvania State University; M.S., University of Georgia; Ph.D., Emory University

**Robb Bajema**, Associate Professor of Biology (1998) B.S., Calvin College; Ph.D., Indiana State University

**Stéphane Bédère**, Associate Professor of French and Spanish (2011) B.A., M.A., D.E.A., University of Paris; Ph.D. University of Lyon

**Ian Borton**, Professor of Communication (2008) B.A., Heidelberg College; M.A., Northern Illinois University; Ph.D., Bowling Green State University

**Stefani Boutelier**, Associate Professor of Education (2016) B.A., Cal State University, Long Beach; M.A., Macquarie University; M.A., Alliant International University; Ph.D., Chapman University

**Kevin Boyd**, Assistant Professor of Chemistry (2020) B.S., University of Houston; B.S., University of Houston; Ph.D., University of Houston

**Daniel Brooks**, Professor of English (1989) B.A., St. Francis College; M.A., Ph.D., State University of New York at Binghamton

**Scott Brown**, Assistant Professor of Kinesiology (2020) B.S., San Diego State University; M.S., Ball State University; Ph.D., Auckland University of Technology

**Anthony Burdick**, Associate Professor of Accounting (2009) B.A., University of Michigan; C.P.A., M.S., Walsh College

**Kevin Cantley**, Assistant Professor of Accounting (2012) B.B.A. Eastern Michigan University; M.B.A., Cleary University; C.P.A.; C.G.M.A.

**Rebecca Coogan**, Associate Professor of English (1991) B.A., Colgate University; M.A., Ph.D., State University of New York at Binghamton

**Daniel Cruikshanks**, Professor of Psychology (2013) B.A., California State University, Sacramento; M.Ed., University of Missouri, St. Louis; Ph.D., Saint Louis University

**Michael Curry**, Assistant Professor of Economics (2017) B.A., Grand Valley State University, M.A., Walsh College.

**Stephan Davis**, Associate Professor of Theology (2004) B.A., Concordia University (Christ College); M.A., Fuller Theological Seminary; Ph.D., Marquette University

**Jennifer Dawson**, Associate Professor of English (2002) B.A., University of Michigan; M.A., Ph.D., Michigan State University

**Michelle De Rose**, Professor of English (1999) B.A., Calvin College; Ph.D., University of Iowa

**Brian DiVita**, Associate Professor of Business Administration and Management (2010) B.S.B.A., Aquinas College; M.M., Aquinas College; M.S., Grand Valley State University

**Jason Duncan**, Professor of History (2002) B.A., St. Lawrence University; M.A., Georgetown University; M.A., Ph.D., University of Iowa

**Amy Dunham Strand**, Associate Professor of Women's Studies (2006) B.A., Wittenberg University; M.A., Ph.D., University of Washington

**Roger Durham**, Palmatier Endowed Professor of Political Science (1996) B.S., Southern Oregon State College; M.A., Ph.D., University of Oregon

**Rebecca Flaherty**, Assistant Professor of Biology (2019) B.S. Aquinas College; Ph.D. University of Notre Dame.

**Joseph Fox**, Professor of Mathematics (2013) B.A., Franklin College; M.A., Ph.D., Western Michigan University

**Dana Freeman**, Professor of Art (1993) B.A., Pomona College; M.F.A., University of California

**Jonathan Fritz**, Assistant Professor of Chemistry (2012) B.A., Carleton College; M.S., Ph.D., University of Michigan.

**Yashowanto Ghosh**, Associate Professor of Mathematics (2005) B.S., M.S., Indian Statistical Institute; Ph.D., Purdue University

**Jason Good**, Assistant Professor of Sustainable Business (2023) B.S., Longwood University; M.S. University of Michigan; Ph.D., University of Michigan

**JoAnne Gorant**, Assistant Professor of Kinesiology (1996) B.S., Ball State University; M.S., Miami University, Ohio; Ph.D., Western Michigan University.

**Scott Harman**, Assistant Professor of Theatre (2020) B.A, Alma College; M.A., University of Illinois at Urbana-Champaign

**Katharina Häusler-Gross**, Professor of German (1998) B.A., Ernst-Moritz-Arndt Universität, Greifswald/Germany; M.A., Senat von Berlin/Germany; Ph.D., Michigan State University

**Charles Gunnoe, Jr.**, Professor of History (1999) A.B., College of William and Mary; M.A.T.S., Gordon-Conwell Theological Seminary; Ph.D., University of Virginia

**Linda Hagan**, Professor of Business (2018). B.A. Eastern Michigan University; M.A. University of Arizona, Ph.D. University of Maryland.

**David J. Hebert**, Associate Professor of Economics (2017) B.S. Hillsdale College; M.A. George Mason University; Ph.D. Economics, George Mason University.

**Timothy Henshaw**, Associate Professor of Chemistry (2013) A.B., Amherst College; Ph.D., Michigan State University.

**Jennifer Hess**, Professor of Biology (2005) B.A., McDaniel College; Ph.D., University of Maryland, Baltimore

**Susan Hojnacki**, Assistant Professor of German & Education (2017). B.A. Indiana University; Ph.D. Michigan State University.

**Kyle Hull**, Associate Professor of Communication (2015) B.A., M.A., Central Michigan University, Ph.D., University of Connecticut.

**Rebecca Penny Humphrey**, Associate Professor of Biology (2016) B.A., Sweet Briar College; Ph.D. Indiana University.

**Mary Hurd**, Associate Professor of Music (1995) B.M., American Conservatory of Music; M.M., Northwestern University

**Elizabeth Jensen**, Professor of Chemistry (2003) B.A., Luther College; Ph.D., Iowa State University.

**Justine Kane, O.P.** Associate Professor of Education (2016) B.A. Aquinas College; M.A., University of Arizona; Ph.D., University of Illinois at Chicago.

**Victor Karandashev**, Professor of Psychology (2010) B.A., St. Petersburg State University; Ph.D., Herzen State

University at Leningrad

**Heather Kesselring-Quakenbush**, Professor of Kinesiology (2008) B.S., Western Michigan University; M.A., Central Michigan University; Ph.D., Michigan State University

**Bradford Keuning**, Assistant Professor of Accounting (2019) M.B.A. Hope College. CPA

**Linda Keway**, Visiting Lecturer, Department of Counselor Education (2017) and Career Services (2013) B.A., University of Michigan; M.A., Eastern Michigan University; M.A., Michigan State University; Ed.D., Western Michigan University

**Bethany Kilcrease**, Professor of History (2009) B.A., Calvin College; Ph.D., Boston College

**Christopher LaPorte**, Associate Professor of Art (2004) B.F.A., Aquinas College; M.F.A., New York Academy of Art

**Nathan Lareau**, Visiting Assistant Professor of Art (2019) B.F.A. Aquinas College; M.F.A. Ohio University

**Richard Latimer**, Assistant Professor Computer Information Systems (2016) B.S., Ferris State University, M.S., Grand Valley State University

**Jen Lendrum**, Assistant Professor of Sociology (2019) B.A. Madonna University; M.A. Wayne State University; Ph.D. Wayne State University

**Michael Lorr**, Professor Sociology (2014) B.A., DePaul University, M.A., DePaul University, Ph.D., University of Wisconsin, Milwaukee.

**Daniel Mancilla**, Assistant Professor of English (2019) B.A., Western Illinois University, M.F.A., Western Michigan University, Ph.D., Western Michigan University

**Dennis Marshall**, Professor of Theology (1998) B.L.A., Wheeling Jesuit College; M.A., Ph.D., Duquesne University

**Barbara Witham McCargar**, Associate Professor of Music (1991) B.M., Aquinas College; M.M., University of Michigan

**Shari McCarty**, Associate Professor of Mathematics (2008) B.S., M.M., Aquinas College, M.S. in Nova Southeastern University; Ed.D., Novat Southeastern University

**Richard McCluskey**, Associate Professor of Geography (1999) B.S., Michigan State University; M.S., Ph.D., Pennsylvania State University

**Michael McDaniel**, Professor of Mathematics (1998) B.A., St. John Fisher College; M.S., Ph.D., George Washington University

**Jennifer Meador**, Assistant Professor of Psychology and Counselor Education (2023) B.A., Spring Arbor University; M.A., Spring Arbor University; Ph.D., Western Michigan University

**Thomas Olive**, Assistant Professor of Business (2023) BSBA, Drake University; M.M., Northwestern University

**Kerri Orders**, Assistant Professor of Business (2018) B.A. University of Michigan; M.M. Boston University.

**Mark O'Toole**, Associate Professor of Business Administration, B.S. University of Pittsburgh, M.M. Aquinas College.

**Molly Patterson**, Associate Professor of Political Science (2005) B.A., Carleton College; M.A., Ph.D., University of California-Irvine

**L. Robert Peters, Jr.**, Associate Professor of Biology (2012) B.S., Central Michigan University; Ph.D., University of Michigan

**Thomas Polett**, Professor of Music (2019) B.S. Mansfield University of Pennsylvania; M.M. Arizona State University; D.M.A. University of Georgia.

**James Rasmussen**, Associate Professor of Geography (2011) B.S., University of Michigan; M.S., Montana State University; Ph.D., University of Florida

**Marcos Romero**, Professor of Spanish (2005) B.A., University of Montana; M.A.; Ph.D., University of New Mexico

**Shelli Rottschafer**, Professor of Spanish (2006) B.A., Hope College; M.A., Miami University; Ph.D., University of New Mexico

**Gretchen Rumohr**, Professor of English (2008) B.S., Hope College; M.Ed., Aquinas College; Ph.D., Western Michigan University

**Sister Damien Marie Savino**, Dean of Science & Sustainability, Associate Professor of Engineering (2016) B.S., McGill University of Connecticut; M.A., Ph.D., The Catholic University

**Julie Schatz-Stevens**, Professor of Psychology (2013) A.A., University of North Dakota; B.S. University of Mary; M.A., University of Notre Dame; Ph.D., University of Notre Dame

**Stacy Slomski**, Visiting Instructor of Education (2017). B.A. Aquinas College; M.A., Aquinas College; M.A. Notre Dame.

**Joseph Spencer**, Associate Professor of Mathematics (1995) B.S., Manchester College; M.S., Ph.D., Michigan State University

**Daniel Wagner**, Associate Professor of Philosophy (2017) A.A. Flathead Valley Community College; B.A., The University of Montana; M.A., Gonzaga University; Ph.D.; University of St. Thomas.

**David Weinandy**, Professor of Communication (1991) B.A., B.S.S.W., M.A., Ph.D., Bowling Green State University

**Jochen Wierich**, Associate Professor and Lena Meijer Endowed Chair in the History of Art (2019) B.A. Universität Düsseldorf; M.A. Universität Frankfurt; Ph.D. College of William and Mary

**Molly Wilson**, Assistant Professor of Counselor Education (2017) B.A. Knox College; M.A., University of Toledo; Ph.D., University of Wyoming.

**Bradford Winkler**, Associate Professor of Political Science (1979) B.A. The College of Wooster; M.A., Bowling Green State University; J.D., Thomas M. Cooley Law School



## **Emeriti Faculty**

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Date in parentheses indicates year of first appointment at Aquinas College

**Joyce Alman**, Associate Professor Emerita of Accounting (1974 - 1994) B.A., Michigan State University; CPA.; MBA, Western Michigan University

**C. Edward Balog**, President Emeritus (2006 - 2011) B.A., M.A., West Virginia University; Ph.D., University of Illinois

**Glenn Barkan**, Professor Emeritus of Political Science (1973 - 2009) B.A., Hobart College; M.A., Ph.D., Claremont Graduate School

**Timothy Bennett**, Associate Professor Emeritus of Education (1996 - 2011) BS, Michigan State University; M.A., Grand Valley State University; M.A., Michigan State University

**Frederick Bernard**, Associate Professor Emeritus of English (1955 - 1986) B.A., M.A., Wayne State University

**Paul Bieneman**, Professor Emeritus of Geography (1975 - 2011) BS, University of Wisconsin, Stevens Point; M.A., Ph.D., University of Oklahoma

**Michael Blomme**, Professor Emeritus of Chemistry (1980 - 2002) BS Humboldt State University; MS Ed.D. University of Michigan

**Larry Blovits**, Professor Emeritus of Art (1967 - 1993) BFA, M.F.A., Wayne State University

**Paul Brewer**, Associate Professor Emeritus of Music (1999 - 2019) B.A., M.M., Central State University, Oklahoma; D.A., University of Northern Colorado

**Sister Lenora Carmody**, O.P., Professor Emerita of Mathematics Education (1963 - 1989) B.A., Aquinas College; M.A. University of Illinois; Ph.D., The Ohio State University

**Donald Chaffee, Jr.**, Professor Emeritus in-the-College (1992 - 2013) A.B., Middlebury College; Ph.D., University of California, Davis

**Li-Heng Chen**, Professor Emeritus of Chemistry (1983 - 2020) B.S., National Taiwan University; M.S., State University of New York at Stony Brook; Ph.D., Texas A & M University.

**Barbara Taylor Cragg**, Professor Emerita of Geography (1986 - 2000) B.A., M.I.S., University of Montana; Ph.D., University of Oregon

**W. Michael Cushion**, Associate Professor Emeritus of Sociology (1996 - 2017) B.A., University of Nevada; M.A., Ph.D., Michigan State University

**Pamela Dail Whiting**, Associate Professor Emerita of English (1998 - 2017) B.A., M.A., Michigan State University; M.F.A., Vermont College

**Thomas Dooley**, Professor Emeritus of Computer Information Systems (1977 - 2006) A.B., Ph.L. St. Louis University; M.A., Marquette University; M.S., University of Wisconsin, Milwaukee

**Gary Eberle**, Professor Emeritus of English (1987-2017) B.A., M.A., University of Detroit

**Susan English**, Dean of the School of Education, Associate Professor of Education (1994 - 2022) B.A., Calvin College; M.A.T., Aquinas College; Ph.D., Capella University

**Bruce Frayman**, Professor Emeritus of Psychology (1976 - 2012) BS, Purdue University; M.A., Ph.D., University of Notre Dame

**Charles Frydrych, Jr.**, Associate Professor Emeritus of Physics (1967 - 2007) B.A., Aquinas College; MS Western Michigan University

**V. James Garofolo**, Professor Emeritus of Education (1979 - 2004) B.A., Albright College; MAT., Colgate University; Ph.D., Syracuse University

**Susan Gasster**, Professor Emerita of French and Spanish (1991 - 2011) BS, Georgetown Language Institute; Ph.D., George Washington University

**Leo Graff, Jr.**, Professor Emeritus of History (1962 - 2002) B.A., College of St. Thomas; M.A., Ph.D., University of Idaho

**Sister Yvonne Greiner**, O.P., Associate Professor Emerita of Theology (1980 - 2004) BM, M.A., Aquinas College; M.M., M.A. University of Notre Dame

**Susan Haworth-Hoepfner**, Professor Emerita of Sociology (1999 - 2019) B.A., St. Mary's College, Minnesota; M.A., University of Alabama; Ph.D. Wayne State University

**Jerome Heckenmueller**, Professor Emeritus of Psychology (1973 - 1995) BS, Xavier University; M.A., Ph.D., Wayne State University

**Harwood Hoover, Jr.**, Professor Emeritus of Business Administration (1978 - 2014) B.A., University of Colorado; MBA, Western Michigan University; Ph.D., Michigan State University

**Lee Jacokes**, Professor Emeritus of Psychology (1965 - 2004) BS, Aquinas College; M. A., University of Detroit; Ph.D., Michigan State University

**Kurt Kaiser**, Professor Emeritus of Art (1997 - 2013) B.A., St. John's University; M.F.A., University of Colorado

**Lenore Kalenda**, Professor Emerita of Health, Recreation, and Physical Education (1967 - 1995) BS, Western Michigan University; M.A., Ph.D., Michigan State University

**James Karsina**, Professor Emeritus of Art (1970 - 1997) BS, Winona State University; M.A., M.F.A., University of Iowa

**Michael Keller**, Vice President Emeritus (1990 - 2011) and Assistant Professor of French (1969 - 1990) BS, University of Maine; M.A., Michigan State University

**Michaeleen Kelly**, Professor Emerita of Philosophy (1980 - 2013) B.A., St. Mary's College; Ph.D., University of Notre Dame

**Allene Kieff**, Associate Professor Emerita of Business Administration (1986 - 2008) B.A., University of Houston; M.A., Sam Houston State University

**Eugene Kozminski**, Associate Professor Emeritus of Physics (1981 - 2015) BS, Aquinas College; M.A., Western Michigan University

**Harry Knopke**, President Emeritus (1997 - 2006) B.A., Dominican College, Wisconsin; M.S., Ph.D., University of Wisconsin-Madison

**Shirley Lewis**, Professor Emerita-in-the-College (1987 - 2006) BS Wayne State University; MEd. Illinois State University; Ed.D. Western Michigan University

**Robert Marko**, Professor Emeritus of Theology (1989 - 2020) B.A., Duquesne University; M.A., University of Pittsburgh; M.S.Ed., Ph.D., Duquesne University

**Sister Ann Mason**, O.P., Associate Professor Emerita of Mathematics (1974 - 2013) BS, Aquinas College; M.S., University of Notre Dame; M.A., Aquinas College

**Jeffrey McKelvey**, Professor Emeritus of Biology (1986 - 2021) B.S., West Virginia Wesleyan College; M.S.,

Ph.D., Bowling Green State University

**Vicki McMillan**, Associate Professor Emerita of English (1997 - 2020) B.A., Aquinas College; M.A., M.F.A., Western Michigan University

**Joyce McNally**, Professor Emerita of Business Administration (1982 - 1999) B.BA, MBA, Grand Valley State University; D.BA International Graduate School

**Sister Marie Celeste Miller**, O.P., Associate Professor Emerita of Art (1983 - 2012) B.A., Aquinas College; M.A., Breadloaf School of English, Middlebury College; Ph.D., Emory University

**Sister Mary Navarre**, O.P., Professor Emerita of Education (1977 - 2006) B.A., M.A., Aquinas College; MAT., Oakland University; Ed.D. Boston University

**R. Paul Nelson**, President Emeritus (1990 - 1997)

**Sister Rosemary O'Donnell**, O.P., Assistant Professor Emerita of Communication (1971 - 2014) B.A., Aquinas College; M.A., Marquette University

**Miriam Pederson**, Professor Emerita of English (1993 - 2013) B.A. Bethel College; M.F.A., Western Michigan University

**Ronald Pederson**, Professor Emeritus of Art (1982 - 2012) B.A., Bethel College; M.F.A., University of Minnesota

**Michael Pichot**, Professor Emeritus of French (2002 - 2023) B.A., Atlantic Union College; M.A., Eastern Michigan University; M.A., Michigan State University; Ph.D., Pennsylvania State University

**Gary Robertson**, Associate Professor Emeritus of Economics (1969 - 2013) M.A., University of Detroit

**Richard Sedlecky**, BARe. Professor Emeritus of Engineering (1956 - 2003) BS, Aquinas College; BARe, University of Detroit

**Stephen Schousen**, Professor Emeritus of Art (1982 - 2019) B.A., Marietta College; M.F.A., University of Massachusetts

**Eugene Smith**, Associate Professor Emeritus of Biology (1951 - 1985) BS, M.S., Marquette University

**Betty Smith-Banks**, Associate Professor Emerita of Accounting (1994 - 2012) B.A., Morris Brown College; CPA., MBA, Atlanta University School of Business

**Deborah Springer**, Assistant Professor Emerita of Kinesiology (1999 - 2020) B.S., Bowling Green State University; M.A., Central Michigan University

**Renee Stahle**, Professor Emerita of Communication (1987 - 2020) B.A., Saginaw Valley State College; M.A., Ph.D., Michigan State University

**Deborah Steketee**, Professor Emerita of Sustainable Business (2005 - 2022) B.A., University of Michigan; M.S., Michigan State University; Ph.D., Indiana University

**Lorraine Straw**, Professor Emerita of Psychology (1990 - 2013) B.A., College of Wooster; M.A., Ph.D., The Ohio State University

**Betty Taylor**, Assistant Professor Emerita of Health, Recreation, and Physical Education (1971 - 1995) B.A., Central Michigan University; M.A., Western Michigan University

**John Teusink**, Professor Emeritus of Biology (1969 - 2002) A.B., Hope College; M.S., Syracuse University; M.S., Central Michigan University

**Norman Tychsen**, Associate Professor Emeritus of Business Administration (1974 - 1997) BSCE, University of Minnesota; MBA, University of Chicago

**Cynthia VanGelderren**, Associate Professor Emerita of Accounting (1980 - 2019) B.B.A., University of Michigan; C.P.A., M.B.A., Western Michigan University

**Paul Weber**, Associate Professor Emeritus of Business Administration (1989 - 2013) B.BA, MBA, Western Michigan University

**Deborah Wickerling**, Associate Professor Emerita of Anthropology (1999 - 2017) B.A., Grand Valley State University; M.A., American University in Cairo, Egypt; Ph.D., University of Manchester

**Sister Catherine Williams**, O.P., Associate Professor Emerita of Music (1995 - 2012) BM, BME., Aquinas College; M.M.E., Vandercook College of Music; M.A., Aquinas College

**Michael Williams**, Professor Emeritus-in-the-College (1974 - 2004) BS, Regis College; BSM.E., MSM.E., Marquette University; Ph.L. St. Louis University; Ph.D., University of Wisconsin, Milwaukee

**Sister Alice Wittenbach**, O.P., Professor Emerita of Biology (1969 - 2005) B.A., Aquinas College; M.N.S., Ph.D., University of Oklahoma

**Masato Yamazaki**, Assistant Professor Emeritus of Economics (1987 - 2014) B.A., Keio University; B.A., Wittenberg University; M.A., The Fletcher School of Law and Diplomacy; Ph.D., Duke University

# AQUINAS COLLEGE

1700 Fulton Street East  
Grand Rapids, MI 49506-1800  
616-632-8900