

CHEMICAL PHYSICS MAJOR

Bachelor of Science
 As of fall 2021

Major Requirements: 67 semester hours. **At least 30 semester hours must be taken at Aquinas.** All major seminars sponsored by the Departments of Chemistry or Physics. A GPA of 2.0 must be maintained with no

AQUINAS REQUIREMENTS

_____	CY 111 General Chemistry I	4.0
_____	CY 112 General Chemistry II	4.0
_____	CY 215 Quantitative Analysis	4.0
_____	CY 311 Physical Chemistry I	4.0
_____	CY 312 Physical Chemistry II	4.0
_____	CY 336 Advanced Inorganic Chemistry	4.0
_____	CY 346 Instrumental Methods of Analysis (WI)	4.0
_____	CY 400 Undergrad Seminar / Research (SC)	1.0
_____	CY 401 Undergrad Seminar / Research (SC)	2.0
_____	CS 152 Spreadsheets (prerequisite for CY 112)	1.0
_____	MS 121 Calculus I	4.0
_____	MS 122 Calculus II	4.0
_____	MS 231 Multivariate Calculus	4.0
_____	MS 241 Differential Equations	3.0
_____	MS 252 Statistics or MS 494 Statistics	3.0
_____	PC 213 Gen Physics w/Calc: Mechanics, Sound, and H	4.0
_____	PC 214 Gen Physics w/Calc: Electricity, Magnetism, Light, and Nuclear Physics	4.0
_____	PC 215 Modern Physics	4.0
_____	PC 316 Applied Mathematics for the Physical Sciences	4.0

TRANSFER EQUIVALENTS

<u>CHEM 101 LEC</u>	<u>General and In</u>
<u>CHEM 102 LEC</u>	<u>General and In</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
<u>CIS 101</u>	<u>or</u>
<u>MATH 161</u>	<u>Calculus I</u>
<u>MATH 162</u>	<u>Calculus II</u>
<u>MATH 283</u>	<u>Calculus III</u>
<u>MATH 295</u>	<u>Differential Equations</u>
<u>MATH 215</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____

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

College

Students must attend at least 8
more than one C-

Organic Chemistry
Organic Chemistry

CIS 102

Mathematics with Linear Algebra

Students and/or courses