## **Kinesiology Department**

Clinical Exercise Science (Pre AT, PT, OT) As of Fall 2021

Major Requirements: 65 semester hours. At least 18 semester hours must be taken at Aquinas. Only courses with a grade of C- or better will count toward the major.

## AQUINAS REQUIREMENTS

## TRANSFER REQUIREMENTS

BY 155 - Human Anatomy & Physiology I (NL)	4.0
BY 156 - Human Anatomy & Physiology II	4.0
KN 108 - Weight Training	1.0
KN 145 - Medical Terminology	2.0
KN 158 - Emergency Medical Response (First	
Aid/CPR)	3.0
KN 200 - Surface Anatomy	2.0
KN 250 - Physiology of Exercise	4.0
KN 251 - Nutrition for Sports Performance	3.0
KN 256 - Kinesiology	4.0
 KN 302 - Research Design in an Evidence Bas	4.0
 KN 350 - Medical Aspects of Athletics (SC)	3.0
 KN 357 - Therapeutic Exercise	3.0
 KN 364 - Human Growth and Development	3.0
 KN 367 - Administration for Administration for	
the Exercise Science Professional	3.0
 KN 404 - Conditioning I	2.0
KN 405 - Conditioning II (SC)	2.0
KN 458 Evaluation Procedures I	3.0
KN 459 Evaluation Procedures II	3.0
KN 397 - Internship	6.0
 MS 151 Elementary Statistics	3.0
 PG 100 - Intro to Psychology (GE)	3.0
 Core Credits	65.0
Additional Pre AT, PT, OT	
BY 171 - Cellular Biology (NL)	4.0
 CY 111 - General Chemistry I (NL)	4.0
 CY 112 - General Chemistry II	4.0
 KN157 Health Education - Community	3.0
 KN370 Psychology of Sport and Injury	3.0
 PC 201 - General Physics I	4.0
 PC 202 - General Physics I	4.0
 PG 380 - Lifespan for Health Sciences	3.0
 SY 103 - Cultural Anthropology (GP)	3.0
 Core Credits	<b>32.0</b>
OPTIONAL CONCENTRATIONS:	
<b>Coaching:</b> Fifteen (15) semester hours	4.0
 KN109 Aerobic Training	1.0
KN242 Sport Techniques & Research	30

Coaching: Fifteen (15) semester hours	
 KN109 Aerobic Training	1.0
 KN242 Sport Techniques & Research	3.0
 KN245 Sports Officiating	3.0
 KN260 Theory of Coaching	3.0
 KN361 Group Exercise	2.0
 KN370 Psychology of Sport & Injury	3.0
KN Elective	2.0

BI 121 BI 122 WE 141 or 15 GH 111	Human Anatomy and Physiology 1 Human Anatomy and Physiology 2 55 Beginning Weight Training Medical Terminology
WE 156	CPR/AED/First Aid for Professional Rescuer
GH 200	General Nutrition
EXS 198	Introduction to Athletic Training
BA 254 or PY PY 201	( 281 or MA 215 Statistics General Psychology

BI 151	Intro to Cells, Molecules, & Genes
CHM 130 or	15 General Chemistry 1 (Honors)
CHM 140 or	16 General Chemistry 2 (Honors)
EXS 225	Public Health Concepts
PH 125	College Physics 1
PH 126	College Physics II
AN 210	Cultural Anthropology

WE 125	Aerobic Conditioning Program
PE 185	Sports Officiating
EXS 230	Exercise Leadership

<b>Recreation:</b> Fifteen (15) semester hours			
KN109 Aerobic Training	1.0	WE 125	Aerobic Conditioning Program
KN147 Outdoor Recreation	3.0		
KN157 Community Health	3.0	EXS 225	Public Health Concepts
KN242 Sport Techniques & Research	3.0		·
KN245 Sports Officiating	3.0	PE 185	Sports Officiating
KN361 Group Exercise	2.0	EXS 230	Exercise Leadership
KN Elective	2.0		·
KN330 Marketing & Promoting Sport	nours 3.0		
KN330 Marketing & Promoting Sport KN332 Selling & Funding Sport KN402 Sport Law			
KN330 Marketing & Promoting Sport KN332 Selling & Funding Sport	3.0 3.0		
KN330 Marketing & Promoting Sport KN332 Selling & Funding Sport KN402 Sport Law KN430 Facility & Event Management	3.0 3.0 3.0		
KN330 Marketing & Promoting Sport KN332 Selling & Funding Sport KN402 Sport Law KN430 Facility & Event Management One (1) Course from the following:	3.0 3.0 3.0 3.0		
KN330 Marketing & Promoting Sport KN332 Selling & Funding Sport KN402 Sport Law KN430 Facility & Event Management One (1) Course from the following: HY318 History of American Sports	3.0 3.0 3.0 3.0 3.0		

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.