

## 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

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 II	4.0
PG 380 - Lifespan for Health Sciences	3.0
SY 103 - Cultural Anthropology (GP)	3.0

**Core Credits 32.0**

### OPTIONAL CONCENTRATIONS:

**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

### TRANSFER REQUIREMENTS

BIOL 105	Anatomy and Physiology I
BIOL 106	Anatomy and Physiology II
PEA 103	WEIGHT TRAINING
AH 101	MEDICAL TERMINOLOGY
HE 100A	COMMUNITY FIRST AID AND SAFETY
HE 102	NUTRITION FOR FITNESS AND SPORT
HE 202A	SPORTS INJURIES AND PREVENT
PEP 200	Essentials of Personal Training
BUS 105	Business Statistics or
MATH	115 or 215
PSYC 201	GENERAL PSYCHOLOGY

BIOL 103	INTRODUCTORY BIOLOGY
CHEM 101	LE( General and Inorganic Chemistry
CHEM 102	LE( General and Inorganic Chemistry
HE 130	Community Health
PHYS 201	L&L Principles of Physics
PHYS 202	L&L Principles of Physics
ANTH 110	INTRODUCTION TO CULTURAL ANTHF

PEA 201	AEROBIC MOVEMENT FOR FITNESS
OFC 111	SPORTS OFFICIATING FOR BASEBALL,

