

Exercise Science Emphasis

Supporting Courses

30-36

BIOLOGY 202	Principles of Biology: Cellular and Molecular Processes
CHEM 211 & CHEM 213	Principles of Chemistry I and Principles of Chemistry I Laboratory
CHEM 212 & CHEM 214	Principles of Chemistry II and Principles of Chemistry II Laboratory
ENG COMP 105	Expository Writing ¹
HUM BIOL 116	First Aid and Emergency Care Procedures ²
HUM BIOL 204	Anatomy and Physiology
HUM BIOL 207	Laboratory Safety
HUM BIOL 210	Prevention and Treatment of Athletic Injuries
MATH 260	Introductory Statistics

Choose one of the following courses:

COMM 133	Fundamentals of Public Address (Or Oral Communication)
ENGLISH 104	Introduction to Literature (Or any English Literature course)

Or one year of any college-level foreign language

Upper-Level Courses

30

HUM BIOL 333	Principles of Sports Physiology
HUM BIOL 350	Exercise Physiology
HUM BIOL 351	Kinesiology
NUT SCI 300	Human Nutrition

Choose one of the following courses:

BIOLOGY 303	Genetics
BIOLOGY 307	Cell Biology
HUM BIOL 310	Human Genetics

Exercise Science Electives (choose 13 credits from the following courses): ³

BIOLOGY 302	Principles of Microbiology
BIOLOGY 304	Genetics Laboratory
BIOLOGY 308	Cell Biology Laboratory
BIOLOGY 340	Comparative Anatomy of Vertebrates
HUM BIOL 403	Human Physiology Laboratory
HUM BIOL 423	Immunology Lab
HUM BIOL 427	Cancer Biology Laboratory
NUT SCI 327	Nutritional Biochemistry

Additional Upper-Level Electives

BIOLOGY 302	Principles of Microbiology
BIOLOGY 303	Genetics
BIOLOGY 304	Genetics Laboratory
BIOLOGY 307	Cell Biology
BIOLOGY 308	Cell Biology Laboratory
BIOLOGY 309	Evolutionary Biology
BIOLOGY 340	Comparative Anatomy of Vertebrates
BIOLOGY 346	Comparative Physiology
BUS ADM 382	Introductory Management
CHEM 300	Bio-Organic Chemistry
CHEM 301	Bio-Organic Chemistry Laboratory
HUM BIOL 310	Human Genetics
HUM BIOL 324	The Biology of Women
HUM BIOL 402	Human Physiology

HUM BIOL 403	Human Physiology Laboratory
HUM BIOL 405	Biotechnology and Ethics
HUM BIOL 413	Neurobiology
HUM BIOL 422	Immunology
HUM BIOL 423	Immunology Lab
HUM BIOL 426	Cancer Biology
HUM BIOL 427	Cancer Biology Laboratory
HUM BIOL 444	Endocrinology
HUM BIOL 495	Research in Human Biology
HUM BIOL 497	Internship
HUM BIOL 498	Independent Study
NUT SCI 302	Ethnic Influences on Nutrition
NUT SCI 327	Nutritional Biochemistry
NUT SCI 350	Life Cycle Nutrition
NUT SCI 427	Advanced Nutrition and Metabolism
PSYCH 300	Research Methods in Psychology
PSYCH 308	Physiological Psychology
PSYCH 435	Abnormal Psychology
PSYCH 450	Health Psychology

Total Credits

60-66

- 1 Satisfied with an ACT English score of 32 or higher.
- 2 Students may earn credit for this requirement with current First Aid and CPR certification; see faculty adviser for approval.
- 3 Select upper-level courses with assistance of a faculty adviser. A maximum of two PSYCH courses can be applied to the major. Minimum of three upper-level laboratory courses.