

Exercise Science - Clinical Health Professions (B.S.)

Degree Type
B.S.

Objective: To prepare students for a graduate degree in a health professions discipline (ie. athletic training, physical therapy, occupational therapy, physician assistant studies) or other health-related field (public health, nutrition/dietetics, clinical exercise physiology, kinesiology.)

Item #	Title	Semester Hours
	Exercise Science - Core and Support Courses	24
GNST 205	Introduction to Healthcare Professions	1
BIOL 120	Integrated Anatomy and Physiology I	4
BIOL 121	Integrated Human Anatomy & Physiology II	4
	MATH 121 or MATH 124/125 or MATH 151	3-4
PSYC 102	Introduction to Psychology as a Social Science	3

Contextual and Support

Chosen in consultation with advisor.

Calculus I required for PHYS 201/202.

Item #	Title	Semester Hours
BIOL 201	Organismal Biology	4
BIOL 300	Genetics	4
BIOL 425	General Physiology	4
BIOL 430	Biochemistry	4
CHEM 111	General Chemistry I	4
CHEM 112	General Chemistry II	4
CHEM 211	Organic Chemistry I	4
CHEM 240	Intro. to Biochemistry	3
EXSC 285	Research Experience in Exercise Science	1
EXSC 370X	Nutrition	2
EXSC 420	Therapeutic Interventions	3
HHP 223	Prevention, Care & Safety Education	3
HHP 231	Personal Health	3
PHIL 221	Health Care Ethics	3
PHYS 110	College Physics I	4
PHYS 111	College Physics II	4
PHYS 201	General Physics I	4
PHYS 202	General Physics II	4
PSYC 101	Introduction to Psychology as a Natural Science	4
PSYC 231	Lifespan Development	3
PSYC 316	Physiology Psychology	4
PSYC 318	Health Psychology	3
PSYC 321	Abnormal Psychology	3
SOCI 101	Introduction to Sociology	3
SOCI 105	Introduction to Sociology for Healthcare Professionals	3
SOCI 250	Food and Justice	3
SOCI 252	Sociology of Health	3
	Total Credits	51-52

Exercise Science - Core and Support Courses

Elective Credits 24

Item #	Title	Semester Hours
EXSC 110	Introduction to Exercise Science	3
EXSC 213	Medical Terminology	3
EXSC 261X	Applied Anatomy & Kinesiology	3
EXSC 310X	Exercise Physiology	4
EXSC 370X	Nutrition	2
EXSC 410	Exercise Testing & Prescription for Spec	4
EXSC 440	Research in Exercise Science	3

MATH 121 or MATH 124/125 or MATH 151

Elective Credits 3-4

Item #	Title	Semester Hours
MATH 121	College Algebra	3
MATH 124	Precalculus	3
MATH 125	Precalculus Lab	1
MATH 151	Calculus I	4