

EXERCISE SCIENCE (B.S.) PRE-OCCUPATIONAL THERAPY TRACK

STUDENT LEARNING OUTCOMES

- Graduates will be able to assess the basic components of fitness, with an understanding of the health and physiological significance of each measurement.
- Graduates will be able to demonstrate the ability to analyze a biomechanical skill and communicate their findings with an emphasis placed upon performance and injury prevention.
- Graduates will demonstrate professionalism in an authentic situation and will perform as an entry level professional in the field.
- Graduates will be able demonstrate the ability to carry about research by designing a research study, collecting data, analyzing data with the proper statistical analysis and also by writing a research style paper.
- Graduates will show acceptable levels of fitness for professionals in the fields of health and wellness.
- Graduates will be able to review a specific disease pathology, evaluate specific limitations to exercise and create an effective exercise protocol for that population.

Recommended

- A Global Learning (GL) experience (<http://catalog.walsh.edu/undergraduate/academic-services/#globallearning>)

Required

- General Education Requirements (<http://catalog.walsh.edu/undergraduate/general-education-curriculum/>)
- Internship

Code	Title	Hours
Biology		14
BIO 200	Medical Terminology	
BIO 209	Anatomy/Physiology I	
BIO 209L	Anatomy/Physiology I: Lab	
BIO 210	Anatomy/Physiology II	
BIO 210L	Anatomy/Physiology II: Lab	
BIO 309	Human Physiology	
Exercise Science		30-31
EXS 261	First Aid	
EXS 262	Foundations of Ex Sci & Sport	
EXS 264	Org/Admin of Ex Sci & Sport	
EXS 362	Care/Prev of Athletic Injuries	
EXS 381	Physiology of Exercise	
EXS 385	Biomechanics	
EXS 464	Tests & Meas in Ex Sci & Sport	
EXS 474	Exercise Testing and Prescript	
EXS 484	Concepts in Exercise Science	
EXS 494	Internship	
EXS 498	Introduction to Research	
	or EXS 499 Introduction to Research	
Chemistry		4

CHEM 109	T1:Gen Org/Biochem I	
CHEM 109L	Gen Org/Biochem I/Lab	
Other Requirements		28
NS 207	Nutrition	
PSYC 120	T1:Principles of Psychology	
PSYC 210	T1:DV:Human Devel Across Lifes	
PSYC 401	DV:Abnormal Psychology	
MATH 155	Elementary Functions I	
MATH 156	Elementary Functions II	
MATH 221	Statistics	
PHYS 101	Principles of Physics I	
PHYS 101L	Principles of Physics I: Lab	
SOC 101	T1:Principles of Sociology	
Electives		6
EXS 263	H1:DV:Personal/Com Health	
EXS 363	Adv Athletic Injury Management	
EXS 364	Sports Psychology	
EXS 365	Sport in American Society	
PHIL 304	H3:Bioethics	
PSYC 251	Physiological Psychology	
SOC 311	H1:DV:Medical Sociology	
Total Hours		82-83