EXERCISE SCIENCE (B.S.) - PROFESSIONAL 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		**8**
BIO 209	Anatomy/Physiology I	
BIO 209L	Anatomy/Physiology I: Lab	
BIO 210	Anatomy/Physiology II	
BIO 210L	Anatomy/Physiology II: Lab	
Exercise Science		**38**
EXS 261	First Aid	
EXS 262	Foundations of Ex Sci & Sport	
EXS 263	H1:TH1:DV:CIT:Persl/Com Health	
EXS 264	Org/Admin of Ex Sci & Sport	
EXS 362	Care/Prev of Athletic Injuries	
EXS 363	Adv Athletic Injury Management	
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	
Chemistry		**4**
CHEM 109	FD:T1:Gen Org/Biochem I	
CHEM 109L	Gen Org/Biochem I/Lab	
Other Requirements		**9**
NS 207	Nutrition	
PSYC 210	T1:DV:FD: HumanDevelAcrossLife	
MATH 221	Statistics	
Electives		**6**
Need a total of 6 credit hours		
BIO 309	Human Physiology	
EXS 364	Sports Psychology	
EXS 365	TH1:H2B:SportinAmericanSociety	
EXS 498	Introduction to Research	
or EXS 499	Introduction to Research	
PHIL 304	H3:TH1:TH2: Bioethics	
PSYC 251	Physiological Psychology	
PSYC 401	DV:Abnormal Psychology	
SOC 311	H1:DV:Medical Sociology	
Total Hours		**65**