



Bachelor of Science in Exercise Science

Department of Health, Physical Education and Recreation
Western Michigan University

Guided Course Selections for those interested in:

Medical School

Required Cognates:

Students should choose the two semester chemistry option:

- CHEM 1110/1110 General Chemistry I and Lab (4 credits)
- CHEM 1120/1130 General Chemistry II and Lab (4 credits)

Students should choose the two semester physics option:

- PHYS 1130/1140 General Physics I and Lab (5 credits)
- PHYS 1150/1160 General Physics II and Lab (5 credits)

Required Major Courses:

- Students should choose PSY 4630 Health Psychology (3 credits)
- Students should consider a clinically related internship for HPER 4980 Exercise Science Internship

Personal Option Program (POP) Courses:

Students must complete 20 credit hours from the POP course list.

Recommended Courses (Option 1):

- BIOS 1500 Molecular and Cellular Biology (4 credits)
- Two semesters of organic chemistry
 - CHEM 3750/3760 Organic Chemistry I and Lab (4 credits)
 - CHEM 3770/3780 Organic Chemistry II and Lab (4 credits)
- HPER 4800 Heart Disease and Rehabilitation (3 credits)
- CHEM 3550/3560 Introduction to Biochemistry and Lab (4 credits)

Recommended Courses (Option 2):

- BIOS 1500 Molecular and Cellular Biology (4 credits)
- BIOS 2500 Genetics (3 credits)
- CHEM 3700/3710 Introduction to Organic Chemistry and Lab (4 credits)
- CHEM 3550/3560 Introduction to Biochemistry and Lab (4 credits)
- HPER 4800 Heart Disease and Rehabilitation (3 credits)
- MDSC 2010 Medical Terminology (1 credit)

Notice to Students:

These suggested courses are recommendations only. The student is responsible for researching the academic requirements for medical school. The requirements for medical school differ between universities.