

Suggested Four-Year Plan of Study

Exercise and Sports Science



Clinical Exercise Physiology—Pre-Physical Therapy Track

FRESHMAN YEAR

Fall Semester		17 Credits
ENGL 1100	Writing I	3
EXSS 1011	Introduction to EXSS	3
BIOL 1200	Anatomy and Physiology I	4
BIOL 1800	General Biology I	4
FYE	First Year Experience	3

Spring Semester		17 Credits
ENGL 1200	Writing II.....	3
MATH 1700	Applied Statistics (QR)	3
BIOL 1300	Anatomy and Physiology II	4
PSY 1100	Intro to Psychological Science (PL)	3
BIOL 1900	General Biology II	4

SOPHMORE YEAR

Fall Semester		17 Credits
EXSS 2050	Functional Anatomy	3
EXSS 2065	Research Methods	3
EXSS 2071	Exercise Physiology I	4
CHEM 1300	General Chemistry I (SI)	4
	Gen Ed/ WS	3

Spring Semester		15 Credits
EXSS 2400	Health Promotion (PW)	3
EXSS 2072	Exercise Physiology II	4
CHEM 1400	General Chemistry II	4
MATH 1300 or MATH 2300	Precalculus or Calculus	4

JUNIOR YEAR

Fall Semester		13 Credits
EXSS 2300	Sports Nutrition.....	3
Or 3000	Or Applied Nutrition	
EXSS 3110	Weight Training for Fitness	3
Or 3120	Or Strength Training and Conditioning	
EXSS 4200	Professional & Career Development ...	3
PHYS 2300	General Physics I	4

Spring Semester		17 Credits
EXSS 3450	Exercise Testing & Prescription	4
EXSS 4045	Cardiovascular & Electrophysiology ...	3
PHYS 2400	General Physics II (AIA)	4
	Gen Ed/ Integration (AIA)	3
	Gen Ed/ Exploration	3

SENIOR YEAR

Fall Semester		16 Credits
EXSS 3600	Exercise Response & Adaptation in Special Populations	3
EXSS 4005	Biomechanics & Motor Control of Human Movement	4
	Gen Ed/ Exploration	3
	Gen Ed/ Exploration	3
	Gen Ed/ Exploration	3

Spring Semester		15 Credits
EXSS 4040	Fitness Management.....	3
EXSS 4950	Internship (AIA/IHIP)	6
	Gen Ed/ Exploration	3
	Upper level sociology or psychology....	3

Courses in bold indicate prerequisite courses for physical therapy programs. They are not required by the clinical concentration at Fitchburg State University

General Education: Foundation

3 credits Reading and Information Literacy (R and IL): First Year Experience
3 credits Writing (W): Writing I
3 credits Writing and Information Literacy (W and IL): Writing II
3 credits Quantitative Reasoning (QR) (MATH)
3 credits World Languages, Speaking and Listening (WS)

General Education: Exploration

3 credits Civic Learning (CV)
3 credits Diverse Perspectives (DP)
3 credits Ethical Reasoning (ER)
3 credits Fine Arts Expression and Analysis (FA)
3 credits Historical Inquiry and Analysis (HI)
3 credits Literary Inquiry and Analysis (LI)
3 credits Personal Wellness (PW)
3 credits Procedural and Logical Thinking (PL)
3 credits Scientific Inquiry and Analysis (SI)

General Education: Integration

9 credits AIA (3 of which must be Integrative High Impact Practice - IHIP)
OR
Minor (professional majors completing a minor or second major must include at least 9 credits in LA&S disciplines for that minor)

General Education: MAJ

There may be major courses that have been approved to fulfill up to 3 General Education requirements (at least 9 credits). Varies by major and concentration.

Suggested 4-year plan of study. Completion of 120 credits required for graduation.