

Clinical Exercise Physiology—Pre-Physician Assistant

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 16 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
	Gen Ed/WS	3

JUNIOR YEAR

Fall Semester 16 Credits

EXSS 2300	Nutrition for Exercise and Sport	3
Or 3000	Or Applied Nutrition	
EXSS 3120	Strength & Conditioning	3
EXSS 4200	Professional & Career Development ...	3
CHEM 2000	Organic Chemistry I (AIA)	4
	Gen Ed/ Exploration	3

Spring Semester 15 Credits

EXSS 3450	Exercise Testing & Prescription	4
EXSS 4045	Cardiovascular & Electrophysiology ...	3
	Gen Ed/ Exploration	3
	Gen Ed/ Exploration	3
	Free elective	2

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/ Exploration	3

Spring Semester 14 Credits

EXSS 2400	Health Promotion (PW)	3
EXSS 2072	Exercise Physiology II	4
CHEM 1400	General Chemistry II	4
	Gen Ed/ Exploration	3

SENIOR YEAR

Fall Semester 13 Credits

EXSS 3600	Exercise Response & Adaptation in Special Populations	3
EXSS 4005	Biomechanics & Motor Control of Human Movement	4
BIOL 3030	Biochemistry (AIA)	3
	Gen Ed/ Integration (AIA)	3

Spring Semester 12 Credits

EXSS 4040	Fitness Management.....	3
EXSS 4950	Internship (AIA/IHIP)	6
BIOL 2700	Medical Microbiology	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.