Exercise Science: Pre-Physical Therapy Curriculum

Bachelor of Science Degree
CIP 31.0505

University Studies Requirements ..........46-48 hrs

Oral and Written Communication
ENG 105 Critical Reading, Writing, and Inquiry
COM 161 Public Speaking

Scientific Inquiry, Methodologies, and Quantitative Skills
BIO 101 Biological Concepts or
BIO 221 Zoology: Animal Form and Function
CHE 201 General College Chemistry
MAT 150 Algebra and Trigonometry*
*(MAT 140 and MAT 145 may be substituted for MAT 150)

World’s Historical, Literacy, and Philosophical Traditions
CIV 201 World Civilization I or
CIV 202 World Civilizations II
HUM 211 Western Humanities Tradition

Global Awareness, Cultural Diversity, & the World’s Artistic Traditions
See advisor before choosing 3 hour elective.

Social and Self-Awareness and Responsible Citizenship
PHI 202 Ethics
PSY 180 General Psychology

University Studies Electives
CSC 125 Internet and Web Page Design or
CSC 199 Introduction to Information Technology
PHY 130 General Physics I
PHY 131 General Physics I Laboratory
SOC 133 Introduction to Sociology

Designated Writing-Intensive Course
EXS 400 Research Design and Statistics for Allied Health

Designated Technology-Intensive Course
CSC 125 Internet and Web Page Design or
CSC 199 Introduction to Information Technology

Core Courses ................................................. 41 hrs

BIO 229 Human Physiology
BIO 230 Human Physiology Laboratory
EXS 099 Transitions
EXS 295 Acute Care of the Physically Active
EXS 301 Care and Prevention of Injuries
EXS 310 Exercise Concepts in Special Populations
EXS 333 Theory and Techniques in Strength and Conditioning
EXS 375 Biomechanics in Sport and Exercise
EXS 380 Sports Medicine Pharmacology
EXS 400 Research Design and Statistics for Allied Health
EXS 450 Exercise Physiology
EXS 471 Administration in Exercise Science
EXS 475 Kinesiology
EXS 485 Sport and Exercise Psychology
NTN 230 Nutrition

Pre-Physical Therapy Courses ................. 36 hrs

BIO 120 Scientific Etymology
BIO 220 Clinical Terminology
BIO 227 Human Anatomy
BIO 228 Human Anatomy Laboratory
CHE 202 General Chemistry and Qualitative Analysis
PSY 260 Lifespan Development
EXS 390 Therapeutic Modalities
EXS 402 Evaluation of the Lower Extremity
EXS 403 Evaluation of the Upper Extremity
EXS 420 Rehabilitation Techniques
EXS 470 Professional Experience
PHY 132 General Physics II
PHY 133 General Physics II Laboratory

Total Curriculum Requirements ..........123-125 hrs