Athletic Training Curriculum (Begins Fall 2013)

Bachelor of Science
CIP 51.0913

ACCREDITED BY:
This program is currently accredited by the Commission on Accreditation of Athletic Training Education (CAATE).

University Studies Requirements 44 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 111 Essentials of Chemistry and Biochemistry *or*
CHE 201 General College Chemistry
MAT 140 College Algebra *or* higher math

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
MAT 135 Introduction to Probability and Statistics
University Studies Electives (See advisor before choosing)

Additional prerequisites for PT School ++
BIO 120 Scientific Etymology
BIO 220 Clinical Terminology
CHE 201 General College Chemistry
CHE 202 General Chemistry and Qualitative Analysis
MAT 150 Algebra and Trigonometry*
**(MAT 140 and MAT 145 may be substituted for MAT 150)*
PSY 260 Lifespan Development
PHY 132 General Physics II
PHY 133 General Physics II Laboratory

Required Courses 79 hrs
BIO 227 Human Anatomy
BIO 228 Human Anatomy Laboratory
BIO 229 Human Physiology
BIO 230 Human Physiology Laboratory
EXS 099 Transitions
EXS 101 Concepts and Careers in Exercise Science and Athletic Training
EXS 271 Clinical Experience: Introduction ~
EXS 295 Acute Care of the Physically Active
EXS 296 Acute Care of the Physically Active Lab
EXS 301 Care and Prevention of Injuries #
EXS 304 Evidence-based Practice in Musculoskeletal Evaluation #
EXS 305 Bracing, Splinting, and Taping
EXS 320 Evaluation of Non-orthopedic Conditions
EXS 333 Theory and Techniques in Strength and Conditioning
EXS 350 Exercise Physiology
EXS 353 Exercise Prescription
EXS 370 Kinesiology
EXS 371 Clinical Experience: Application*~
EXS 372 Clinical Experience: Integration*~
EXS 375 Biomechanics in Sport and Exercise
EXS 380 Sports Medicine Pharmacology
EXS 385 Sport and Exercise Psychology
EXS 390 Therapeutic Modalities
EXS 400 Research Design and Statistics for Allied Health
EXS 402 Evaluation of the Lower Extremity
EXS 403 Evaluation of the Upper Extremity
EXS 420 Rehabilitation Techniques
EXS 421 Rehabilitation Techniques Lab
EXS 471 Administration in Exercise Science
NTN 230 Nutrition

* Repeatable Courses: Students must complete a total of 12 hours from EXS 371 and EXS 372, but no more than 9 hours from each.
~ Students must obtain a grade of B or better.
# Students must obtain a grade of C or better to progress in the ATEP sequence of courses.

Total Curriculum Requirements ..... 123 hrs

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

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

+ EXS 270: Clinical Experience: Observation may be taken to partially fulfill requirements for admission into the Athletic Training Program.
++ Students may need other requirements prior to admittance to PT school. MSU makes no guarantee of being accepted into PT school.