Teacher Education

Strength and Conditioning
CPR/ First Aid Instructor Trainer

Substitutions or waivers within this program must be approved by the Exercise Science Department.

Minor/Teacher Certification 31 Hours
BIOL101  Biology and Society (4)
ESAT103  Foundations and Careers in ESAT and AT (2)
ESAT218  Rhythmic Activities (1)
ESAT222  Instructional Methods in Physical Education (3)
ESAT225  Human Anatomy (3)
ESAT230  Motor Learning and Development (3)
ESAT250  Human Physiology (3)
ESAT333  Adapted Physical Education (3)
ESAT402  Capstone: Administration of Physical Education and Sport (3)

Choose 6 credits from the following (may take all):
ESAT236  Sports Technique I (2)
ESAT237  Sports Technique II (2)
ESAT238  Sports Technique III (2)
ESAT303  Outdoor Pursuits (2)
ESAT304  Teaching Program Design of Strength and Conditioning (2)

CERTIFICATE REQUIREMENT: Students must have current certification in CPR/AED for adult and child and First Aid upon graduation.

Substitutions or waivers within this program must be approved by the Exercise Science Department.

PHYSICS - PENDING MDE APPROVAL

Required Methods for Secondary Certification
TED 300  Clinical Experience (1)
TED 341  Teaching Sciences in the Middle and Secondary School (2)

MTTC Test Required for DE Endorsement:
#019 (Physics)

Minor (S) 29 Hours
PHYS110  Descriptive Astronomy (4)
PHYS205  General Physics I (3)
PHYS206  General Physics II (3)
PHYS209  General Physics Laboratory I (1)
PHYS210  General Physics Laboratory II (1)
PHYS370  Modern Physics (3)
PHYS390  Astrophysics (3)
PHYS401  Classical Mechanics I (3)
PHYS403  Electromagnetic Theory (3)
PHYS406  Statistical and Thermal Physics (3)
PHYS420  Experimental Physics I (2)

PSYCHOLOGY

Required Methods for Secondary Certification
TED 300  Clinical Experience (1)
TED 343  Teaching Social Studies in the Middle and Secondary School (2)

MTTC Test Required for CE Endorsement:
#11 (Psychology)

Minor (E, S) 20 Hours
PSYC100  General Psychology (3)
PSYC212  Research Methods for Non-Majors (4)
PSYC205  Developmental Psychology (3)
PSYC303  Abnormal Psychology (4)
PSYC311  Personality Theory/Research (3)

One additional PSYC elective course (3)

SOCIAL STUDIES

Required Methods for Secondary Certification
TED 300  Clinical Experience (1)
TED 343  Teaching Social Studies in the Middle and Secondary School (2)

MTTC Test Required for RX Endorsement:
#105 (Elementary Social Studies)
#84 (Secondary Social Studies)

Note: The Social Studies major/minor exists only within the Teacher Education Program. They do not meet the requirements for a degree when completed without all other Teacher Education requirements.

(Michigan RX Endorsement allows you to teach the following classes: Social Studies, Economics, Geography, History, Political Science, American Government, U.S. History, Civics, Western Hemisphere and/or Eastern Hemisphere)

Major (E, S) 48 hours
ESS104  Regional Geography (3)
ECON201  Principles of Microeconomics (3)
ECON202  Principles of Macroeconomics (3)
ECON223  Economics of Developing Countries (3)
HIST105  U.S. History to 1876 (3)
HIST106  U.S. History since 1865 (3)
HIST123  Global History I (3)
HIST124  Global History II (3)
HIST295  Historical Theories and Methods (3)