



WESTERN MICHIGAN UNIVERSITY

Harper College

Fall 2016

Western Michigan University Secondary Education - Earth Science Curriculum Guide

General Information:

- A Secondary Provisional Certificate is valid for teaching your subject areas (major and minor) in grades 6-12;
- Students must choose at least one teachable major and one teachable minor. For a list of **teachable majors and minors** see the content areas in secondary education on the WMU Secondary Education website;
- Students are encouraged to meet with an education advisor as early as possible prior to transfer for assistance with their choice of majors and minors;
- Course sequencing at WMU in Secondary Education requires at least two years to complete, and 60 credits of the overall degree must be completed at the junior/senior level. These are also reasons why it is so important to communicate with your WMU advisors;
- Students who choose **Earth Science** as their teaching major will follow requirements in the Geosciences department for their major, as well as requirements for teacher preparation in the College of Education and Human Development (**CEHD**);
- All applicants intending to pursue a teaching program at WMU will designate “pre-education” at the time of admission to WMU. After completion of the requirements in the next section, pre-education students must apply to the upper level as indicated below;
- For students who started at Harper before Fall 2014, and will transfer directly to WMU, **your requirements may be different**. Please check with the CEHD advising office (contact information is listed below);
- At the end of their professional education program, students must complete a minimum of one semester of Internship (Student Teaching).

Pre-Professional Requirements for Secondary Education CAS Majors:

After satisfying the following requirements students should complete the Professional Education Admission application for admission to upper professional level education courses.

- Completion of at least 60 credit hours;
- Completion of all WMU Intellectual Skills Development classes IF REQUIRED (e.g. MATH 1090, LS 1040, ENG 1000);
- Completion of an approved college level writing class;

- Completion of ES 2000 or an approved course with a grade of CB (2.5) or better;
- Achievement of a cumulative grade point average (GPA) of 3.00 or better; **
- Achievement of passing scores on the Michigan Test for Teacher Certification (MTTC)- Professional Readiness Exam (PRE) (#96), or passing by an alternate method. Please contact the CEHD advising office if you have questions. Students from states other than Michigan will have to take the test after they transfer to WMU;
- Completion of a background check through Castle Branch at portal.castlebranch.com/wc48 with Submission of Judgment of Sentence or Register of Action for any convictions, if necessary;
- Submission of a formal application to the Office of Admissions and Advising, Western Michigan University, Kalamazoo, MI 49008-5275;
- Please visit the WMU College of Education website for additional information.

** Any student with a cumulative GPA between 2.75 and 2.99 who has met all of the other requirements may apply for provisional admission to the professional education program. Provisional admission decisions will be made by secondary education faculty and admission is not guaranteed.

Courses that can be taken at Harper:

WMU courses

GEOG 1050
 GEOG 3010
 GEOS 1300
 GEOS 1310
 MATH 1180
 CHEM 1100 and 1110
 PHYS 1030 and 1040
 PHYS 1130 and 1140

Harper courses

GEG 111 and 112
 GEO 201
 GEO 101
 GEO 102
 MTH 140
 CHM 121
 AST 101
 PHY 121

- Each required course must be completed with at least a 2.0 average.

General education requirements:

- Please refer to the [WMU general education transfer guide](#).
- Please contact College of Education (CEHD) advisors if you have questions about general education requirements.

Contact information:

Dr. Duane Hampton - Department of Geosciences
 duane.hampton@wmich.edu
 (269) 387- 5496

Derek Andree - College of Education and Human Development (CEHD)
 wmich.edu/education/advising
 (269) 387- 3474