GEOGRAPHY-SECONDARY EDUCATION CERTIFICATION- B.S.Ed.

Social Studies

General Education Requirements

I. Required Skills and Competencies 16 cr
___ ENG 106 Writing Intensive First Year Seminar OR
___ ENG 110 Advanced Placement Writing (3 cr)
May need ENG 050 Basic Writing first, based on test results
___ HCS 100 Intro to Human Communication (3 cr)
___ Mathematical Competency-Required
___ MAT 117 Applied Statistics (4 cr)
___ HIS 105 Historical Foundations of Global Cultures (3 cr) AND
___ HIS 106 Thinking Historically in a Global Age (3 cr)

II. Categories of Knowledge 33 cr

A: Logic/Numbers for Rational Thinking (3 cr)
___ Any math course under Category A. Must be a different course than that used for Required Skills
B: Literary, Artistic & Cultural Traditions (9 cr)
___ ______________________________
___ ______________________________
___ ______________________________
C: Biological & Physical Sciences (9 cr)
___ ESS 108 Conservation of Natural Resources OR
___ BIO 145 Environmental Biology
___ ______________________________
D: Political, Economic & Geographic Science (6 cr)
___ ECO 101 Principles of Macroeconomics
___ GEO 101 World Geography
E: Social & Behavioral Science (6 cr)
___ PSY 101 General Psychology
___ GEO 140 Cultural Geography

III. Library Skills Completed as writing course

Geography Requirement 12 cr
___ GEO 101 World Geography (3 cr)*
___ ESS 110 Introduction to Geology (3 cr)* OR
___ ESS 111 Introduction to Atmosphere (3 cr)*
___ GEO 140 Cultural Geography

Electives in Geography 12 cr
___ GEO Geo: Regional Course: __________________
___ GEO Geo: Regional Course: __________________
___ GEO Geo: Topical Course: __________________
___ GEO Geo: Topical Course: __________________

Economics Requirements 6 cr
___ ECO 101 Principles of Macroeconomics (3 cr) *
___ ECO 102 Principles of Microeconomics (3 cr)

History Requirements 9 cr
___ HIS 105 Historical Foundations of Global Cultures (3 cr) *
___ HIS 106 Thinking Historically in a Global Age (3 cr) *
___ HIS 202 Recent History of the United States (3 cr)

Mathematics Requirement 4 cr
___ MAT 117 Applied Statistics (4 cr)

Political Science Requirement 9 cr
___ PLS 100 U.S. Government and Politics (3 cr)
___ PLS See Department for appropriate courses (3 cr)
___ PLS 141 Intro. to International Relations (3 cr)

Professional Education Requirements 33 cr
___ TCH 207 Org. & Psych. Foundations of Secondary Education (3 cr)
_EDU 412 Teaching of Social Studies I (3 cr)***
_EDU 413 Teaching of Social Studies II (3 cr)***
_EDU 495 Student Teaching & Professional Practicum (12 cr)***
_EEC 273 Introduction to Exceptionalities: Understanding Diverse Learners (3 cr)***
_EEC 423 Effective Instructional Strategies (3 cr)
_EEC 483 Assessing Students for Curricular Decision Making (3 cr)
_RDG 413 Teaching Reading to English Language Learners (3 cr)***
Cognate Field 6 cr
Two 200 level or above courses from History, Political Science, or Economics.
History is recommended for best PAPA exam results.
Geographic Information Systems GIS Certification 12 cr
Optional but recommended
Required:
__GEO 202 GIS I (3 cr)
__GEO 363 GIS II (3 cr)
Select any two courses:
__GEO 339 Remote Sensing (3 cr)
__GEO 352 Cartography (3 cr)
__GEO 420 GIS III (3 cr)
__GEO 425 Image Processing (3 cr)
__GEO 440 Field Techniques (3 cr)
__GEO 441 Quantitative Methods (3 cr)
A field experience is required—see your advisor
*Major requirement double counts as General Education Credits
**Double counts as both a Geography and Economics Requirement
Total Graduation Requirements 120 cr
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GPA Needed to Declare: 3.0
Helpful Hints for Advising:
Year 1 GEO101 World Geography
ESS 111 Intro to Atmosphere OR
ESS 110 Intro to Geology
SOC 101 Introduction to Sociology
PLS 100 U.S. Government and Politics
PSY 101 General Psychology
Economics should not be taken until the sophomore year.
*** All education majors must pass the first level of the PAPA assessments in reading, math, and writing between 48 and 60 credits of course work. These basic skills tests must be passed before students are permitted to take any 300 level or above education course.
Program is under revision. Contact the department of Geography/Earth Science for additional information.