TEACHER EDUCATION (Elementary/Middle Level (4-8th Grade): Option #2- Science and Social Studies)-B.S.Ed.

General Education Requirements

I. Required Skills and Competencies 15 cr
   ___ ENG 106 Writing Intensive First Year Seminar OR
   ENG 110 Advanced Placement Writing (3 cr)
   ___ HCS 100 Intro to Human Communication (3 cr)
   ___ MAT 111 Fundamentals of Mathematics II (3 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: Language/Numbers for Rational Thinking (3 cr)
   ___ MAT 110 Fundamentals of Mathematics I (3 cr)
B: Literary, Artistic & Cultural Traditions (9 cr)
   Select ONE Literature course:
   ENG 243 or 250 or ENG 248
   Select TWO courses from different disciplines with advisement
   ___ ART 101 Art Appreciation (recommended) OR
   ART 231 Art History I OR
   ART 232 Art History II OR
   ART 274 Intro to Cultural Studio OR
   ___ MUS 110 Fundamentals of Music Skills OR
   ___ MUS 121 Introduction to Music OR
   MUS 261 World Music
   ___ THE 121 Introduction to Theater
C: Biological & Physical Sciences (9 -10 cr)
   ___ BIO 100 Basic Biology (3 cr) OR
   BIO 162 Principles of Biology: Organismal Diversity (4 cr & lab component)
   ___ CHM 105 An Observational Approach (3 cr & lab component)
   ___ ESS 110 Introduction to Geology (3 cr & lab component)
D: Political, Economic & Geographic Sciences (6 cr)
   ___ GEO 101 World Geography
   ___ ECO 101 Principles of Macroeconomics
E: Social & Behavioral Science (6 cr)
   ___ PSY 101 General Psychology AND
   ___ SOC 101 Introduction to Sociology OR
   GEO 140 Cultural Geography OR
   ANT 111 Cultural Anthropology

III. Library Skills: Complete via College Writing Competency

Cognate Areas
Math 8 cr
   ___ MAT 105 Math for Liberal Studies (3 cr)
   ___ MAT 117 Applied Statistics (4)
   ___ MAT XXX Survey of Middle Grades Mathematics (3 cr)
   ___ MAT 175 Precalculus (3 cr)

Note on prerequisites
MAT 225: Students must meet one of the following prerequisites: MAT 140A, or
Level 4 math placement on the placement test.
MAT 211: Students must meet one of the following prerequisites: a grade of '"C" or higher in MAT 175, or Level 6 math placement on the placement test.
However, a prerequisite override could be granted based on a recommendation from
the math department.

Language Arts 6 cr
   ___ RDG 232 Reading in the Elementary School
   ___ RDG 340 Seminar in Literacy Tutoring

Other Major Course Requirements
Concentration Area 1: Science: 16 cr
   ___ BIO 142 Introduction to Ecology (3 cr)
   ___ BIO 145 Environmental Biology (3 cr)
   ___ ESS 111 Intro to the Atmosphere (3 cr)
PHY 108 Astronomy (3 cr)
PHY 121 Physics I (3 cr)
PHY 123 Physics I Lab (1 cr)

Concentration Area 2: Social Studies: 21 cr

ECO 101 Macroeconomics (3 cr) (if not fulfilled in Category D)
GEO 305 Geography of Europe (3 cr) OR
GEO 308 Geography of Latin America OR
GEO 313 Geography of South and South-East Asia OR
GEO 317 Geography of East Asia OR
GEO 415 Regional Geography Studies OR
GEO 450 Field Studies

PLS 100 U.S. Government and Politics (3 cr)
PLS 311 The Legislative Process (3 cr)* OR
PLS 312 The American Presidency* OR
PLS 313 The Judicial Process* OR
PLS 342 American Foreign Policy OR
PLS 356 Politics of Developing Regions**

ECO 325 Globalization Issues and Policies
ECO 345 Economics of Growth and Development
* PLS 100 is a prerequisite for this course
** PLS 141 is a prerequisite for this course

Professional Core & Student Teaching: 27 cr

A. Middle Level Cognitive Development
TCH 206 Social Found of Middle Level Education (3 cr)

B. Early Adolescent and Adolescent Learning Theory
TCH 261 Adolescent Dev and Language Theory (3 cr)

C. Assessments and Interventions
TCH 348 Teaching Middle Level Social Studies (3 cr)
TCH 366 Teaching Middle Level Science (3 cr)

F. English Language Learners (ELL)
RDG 413 Teaching Reading to English Language Learners (3 cr)

Student Teaching
EDU 495 Student Teaching Experience 12 cr

Total Graduation Requirements a minimum of 120 cr

GPA Needed to Declare: 3.0

Students are considered for admission to Teacher Education during the first two weeks of each semester. Students are ranked by several factors including educational philosophy, current GPA, interview, a writing sample, and grades in certain classes. An application requesting admission to the department is the first step in the application procedure. See "Admission to Teacher Education" for details.

Students electing certain minors can be required to complete more credits to complete both the elementary program and the requirements of the select minor.

All students are required to complete at least 120 credit hours for graduation. The final responsibility for scheduling and fulfilling program requirements belongs to the student. Majors failing to maintain department required QPA of 3.0 will not be permitted to schedule elementary courses until they have reached the required QPA.

Students who plan to major in Teacher Education should maintain close contact with the department to ensure that they meet program requirements.

Students selecting this option will only be certified to teach science and social studies at the middle level grades 4-8.

A 4-year template is available at www.ship.edu/undeclared