# Elementary Education Interest

**SUPPLEMENTAL GENERAL EDUCATION GUIDE**

Elementary Education majors have requirements in the following 3 CONTENT AREAS:

- **SCIENCE**
- **MATH**
- **SOCIAL STUDIES**

## SCIENCE

### Courses that work for both:

It is recommended (but not required) that you choose Gen Ed courses that fall into two different SCIENCE content areas. Note that not all courses are offered every semester.

**Biological Sciences**
- BIOL 1140 Human Biology
- BIOL 1141 Introductory Animal Biology
- BIOL 1251 How the Brain Works (and Why it Doesn’t)
- BIOL 1260 Plants and Human Affairs
- BIOL 1261 Introduction to Botany
- BIOL 1311 Human Genetics in the 21st Century
- BIOL 1370 Understanding Evolution

**Chemical/Physical Sciences**
- CHEM 1050 Chemistry of our World
- CHEM 1070 General Chemistry I
- CHEM 1100 Chemistry in Industry & the Economy
- CHEM 1110 Principles of Chemistry I
- PHYS 1200 Physics of Everyday Experience
- PHYS 1400 Basic Physics

**Earth/Space Sciences**
- ASTR 1070 Stars, Galaxies, and the Universe
- ASTR 1080 Exploration of the Solar System
- ASTR 1085 Citizen Astronomy
- EES 1030 Introduction to Earth Science
- EES 1040 Evolution and the History of Life
- EES 1050 Introduction to Geology
- EES 1070 Age of Dinosaurs
- EES 1080 Intro. to Environmental Science
- EES 1400 Natural Disasters

### GEN ED

(7 s.h., including at least one lab course)

**Natural Sciences**

- MATH 1140 Math Basis of Elementary Geometry (offered Spring semesters) prior to admission to the Elementary TEP. After admission to the Teacher Education Program, additional course options in the math content area become available.

### MATH

You can satisfy the Math Content area and complete your QFR Gen Ed at the same time by choosing one of these courses. Talk with your advisor about which is best for you, given your background and goals.

**MATH**
- 1120 Logic of Arithmetic (offered Fall semesters)

One from:
- STAT 1010 Statistics and Society
- STAT 1020 Elementary Statistics and Inference

You may also take MATH:1140 Math Basis of Elementary Geometry (offered Spring semesters) prior to admission to the Elementary TEP. After admission to the Teacher Education Program, additional course options in the math content area become available.
### Social Studies

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<th>Courses that work for both:</th>
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**If you have not already earned 9 s.h. of Social Studies Content or have not completed these Gen Ed areas, you can complete both at the same time by choosing from the courses below.**

#### Historical Perspectives*  
- **HIST 1261** American History to 1877 (fall)

#### International and Global Issues (choose one)  
- **GEOG 1070** Contemporary Environmental Issues  
- **GEOG 1090** Globalization and Geographic Diversity  
- **GEOG 2910** The Global Economy

#### Social Sciences*  
- **POLI 1100** Introduction to American Politics

* At least one of these courses should be completed prior to taking EDTL:3161 Social Studies for Elementary Teachers, which is taken after admission to the Teacher Education Program.

If you have completed these Gen Ed requirements with other courses, please contact Misty Brents at misty-brents@uiowa.edu. In Summer sessions, contact Carter Burks at carter-burks@uiowa.edu. In your email include your name, ID#, and the course you have previously taken that satisfied the above Gen Ed areas.

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### Required Courses for the Elementary Education Major

The following courses are required for the Elementary Education major and should be taken prior to TEP admission if possible:

- PSQF 1075 Educational Psychology & Measurement (3 s.h.)
- EDTL 2122 Create, Imagine, Play, Human Development in Arts (3 s.h.) *(Literary, Visual & Performing Arts Gen Ed)*
- EDTL 4900 Foundations of Special Education (3 s.h.) *(Diversity and Inclusion Gen Ed starting Spring 2021)*
- EPLS 3000 Foundations of Education (3 s.h.)

After admission to the Teacher Education Program, students are required to take EPLS 4180 Human Relations for the Classroom Teacher, which is approved as a *Values and Culture Gen Ed*.

Endorsements may also be declared after admission to the major.

**All TEP Core Courses, including content courses from this sheet, must be completed with a grade of C- or higher.**