

Recommended W&M Content Courses for Elementary Education Majors

In addition to other program requirements, candidates seeking an endorsement in Elementary Education PK-6 must complete **six semester hours** in each of the following disciplines:

- English
- Mathematics
- Science – Courses should be in the laboratory science areas of Earth science, biology, chemistry, and physics. The required six semester hours *must* come from two different science disciplines.
- History and social sciences – Courses should be in the areas of history, geography, civics or government, or economics.

Recommendations for W&M Courses in each Discipline

While there are other courses that can satisfy requirements, this list includes our recommendations for undergraduate courses at William & Mary. If a course satisfies a COLL requirement, this is noted next to the course.

MATHEMATICS

Most courses with the MATH prefix will satisfy this requirement.

PSYC 301 - Elementary Statistics (Math Proficiency)
MATH 103 - Pre-calculus Mathematics
MATH 104 - The Mathematics of Powered Flight (COLL 200, NQR, Math Proficiency)
MATH 106 - Elementary Probability and Statistics (Math Proficiency)
MATH 108 - Brief Calculus with Applications (Math Proficiency)
MATH 110 - Topics in Mathematics
MATH 111 - Calculus I (NQR, Math Proficiency)
MATH 210 – Linearity
MATH 211 - Linear Algebra (Math Proficiency)

ENGLISH

Most courses with the ENGL or LING prefix will satisfy this requirement. Only one course in public speaking can count towards this requirement. It is highly recommended that candidates take courses in two different areas (e.g., linguistics and literature, writing and linguistics).

LING 220 - Study of Language (COLL 200, CSI)
LING 230 - Topics in Linguistics
LING 250 - African-American English (COLL 200, CSI)
LING 260 - Speech Sound Analysis (COLL 200, CSI, NQR)
ENGL 210 - Topics in Literature
ENGL 211 - Literature Transformed (ALV)
ENGL 215 - Popular Genres (ALV)
ENGL 250 - Interpreting Literature
WRIT 101 or 101A - Writing

WRIT 301 - Crafting the Essay
CRWR 212 - Introduction to Creative Writing (Arts Proficiency)
SPCH 102 - Fundamentals of Oral Communication (Arts Proficiency)
SPCH 201 or 201A - Public Speaking (ALV, Arts Proficiency)
SPCH 205 - Oral Interpretation of Literature (Arts Proficiency)

SCIENCE

The required six semester hours *must* come from two different laboratory science disciplines.

Biology:

BIOL 203/203L - Introduction to Molecules, Cells, Development with Lab (COLL 200, NQR)
BIOL 204/204L - Introduction to Organisms, Ecology, Evolution with Lab (COLL 200, NQR)
KINE 200 - Introduction to the Human Body (COLL 200, NQR)

Chemistry:

CHEM 101 - Chemistry, Energy, & Environment (COLL 200, NQR)
CHEM 201 - Color, Light, and Chemistry (COLL 200, NQR)

Earth Science:

GEOL 101 - The Dynamic Earth: Physical Geology (COLL 200, NQR)
GEOL 110 - Earth's Environmental Systems: Physical Geography (COLL 200, NQR)
GEOL 203 - Age of Dinosaurs (COLL 200, NQR)
GEOL 207 - Planetary Geology (NQR)
GEOL 212 - Global Climate Change (COLL 200, NQR)
GEOL 250 - Geologic Evolution of Virginia
ENSP 101 - Introduction to Environmental Science and Policy
ENSP 201 - Watershed Dynamics

Physics:

PHYS 101 - General Physics I with PHYS 101L Lab (NQR)
PHYS 121 - Physics of Music (COLL 200, NQR)
PHYS 171 - Planetary and Stellar Astronomy (COLL 200, NQR)
PHYS 172 - Stellar and Galactic Astronomy and Cosmology (COLL 200, NQR)
PHYS 201 - Modern Physics (COLL 200, NQR)
PHYS 213 - Introduction to Modern Optics (COLL 200, NQR)

HISTORY AND SOCIAL SCIENCES

Courses should be in the areas of history, geography, civics or government, or economics.

HIST – While many courses with the HIST prefix will satisfy this requirement, it is recommended that candidates focus on the contributions of ancient civilizations to modern institutions, Virginia history, and US history, which are currently taught in Virginia schools.
HIST 121 – American History to 1877 (CSI)
HIST 122 – American History since 1977 (CSI)
HIST 132 – Latin American History since 1824 (COLL 200, CSI)
HIST 192 – Global History since 1500 (COLL 200, CSI)
HIST 214 – The Era of Jamestown (COLL 200, CSI)
HIST 226 – American West 1890-(COLL 200, CSI)
HIST 261- History of Ancient Rome (COLL 200, CSI)

GOVT 381 - Human Geography
GOVT 384 - The Geography of Latin America and the Caribbean
GOVT 386 - The Geography of Europe
GOVT 201 - Introduction to American Government and Politics (CSI)
GOVT 202 - Introduction to Political Theory
GOVT 203 - Introduction to Comparative Politics (CSI)
GOVT 204 - Introduction to International Politics (CSI)
ECON 101 - Principles of Microeconomics (CSI)
ECON 102 - Principles of Macroeconomics (CSI)