



COLLEGE OF ARTS & SCIENCES
B.Ed. in Secondary Science, Biology (Licensure Track)

Spring and Summer 2026 Approved Degree Worksheet

GENERAL EDUCATION COURSES (33-34 CREDITS)

Biblical Worldview: All Required

- ☐ GENE 100 The Making of a Christian Mind (3)
- ☐ GENE 402 The Making of a Christian Leader (3)

Communication: 6 credits

- ☐ COMM 110 Public Speaking (3) Campus Only¹
- ☐ UNIV 100 Regent Foundations of Success (3) Online Only²
- ☐ ENGL 101 English Composition (3)

Critical Thinking & Moral Reasoning: 6 credits

- ☐ ENGL 102 Research and Academic Writing (3)
- ☐ GENE 250 The Making of the Christian Life (3)

Cultural Foundations - Literature: 3 credits

- ☐ ENGL 205 Literature of the Western World (3)

Cultural Foundations - Economics: 3 credits

- ☐ ECON 101 Introduction to Economics (3)
- ☐ ECON 120 Microeconomics (3)

Cultural Foundations - U.S. History or Government: 3 credits

- ☐ HIST 201 U.S. History I (to 1877) (3)
- ☐ HIST 202 U.S. History II (from 1877) (3)
- ☐ GOVT 201 The American Republic (3)

Quantitative & Scientific Literacy - Natural Science: All Required

- ☐ EASC 101 Intro to Earth Science w/Lab (4)* Online only
- ☐ BIOL 121 General Biology I (4)*

Quantitative & Scientific Literacy - Math: 4 credits

- ☐ MATH 211 Calculus (4)*

* Required for major.

¹COMM 110 must be taken by on campus students only

²UNIV 100 must be taken by online students only

GENERAL EDUCATION COURSES & MAJOR REQUIREMENTS

Science Related Requirements (46 credits)

- ☐ BIOL 122 General Biology II (4)
- ☐ BIOL 201 Human Anatomy & Physiology (4)
- ☐ BIOL 221 Cell Biology (3)
- ☐ BIOL 240 Ecology (3)
- ☐ BIOL 321 Gen Microbiology (4)
- ☐ BIOL 331 Genetics (4)
- ☐ CHEM 121 General Chemistry I (4)
- ☐ CHEM 122 General Chemistry II (4)
- ☐ CHEM 221 Organic Chemistry I (4)
- ☐ CHEM 421 Biochemistry (4)
- ☐ EASC 101 Earth Science (4)
- ☐ PHYS 221 University Physics (4)

Professional Studies Requirements (36 credits)

- ☐ UIS 200 Orientation to Teaching (1)
- ☐ UIS 350 Technology for Educators (2)
- ☐ UED 401 Secondary Curriculum Fundamentals (3)
- ☐ UED 407 Classroom Mgmt. for Secondary Classrooms (3)
- ☐ UED 441 Child & Adolescent Growth & Development (3)
- ☐ UED 442 Foundations of Education (3)
- ☐ UED 444 Content Reading and Differentiation (3)
- ☐ UED 480A Practicum I (1)
- ☐ UED 480B Practicum II (1)
- ☐ UED 493 Teaching Science in Secondary Education (2)
- ☐ UED 494 Adv. Methods of Teaching Sci. in Secondary Ed. (2)
- ☐ UED 495 Field Experience/Student Teaching (11)
- ☐ UED 496 Field Experience E-Portfolio (1)

Students Must Complete 1 Elective from below (3 credits)

- ☐ NSCI 320 Biophysical Statistics (3)
- ☐ MATH 201 Statistics (3)

General Elective Courses: Select (3 credits)

- ☐ _____

On Campus Only (15 credits)

On campus students must complete an additional 15 credits in one of the areas below. Honors courses are only available to Honors College Students.

☐ **Christianity & Culture**

- ☐ BIBL 105 Introduction to the Bible (3)
- ☐ BIBL 106 Christian Doctrine (3)
- ☐ GENE 150 The Good, True, & Beautiful (3)
- ☐ HIST 207 Western Civilization I (3)
- ☐ HIST 208 Western Civilization II (3)

☐ **Honors College**

- ☐ HONS 150 The Good Person (3)
- ☐ HONS 200 The Great Family (3)
- ☐ HONS 250 The Just Society (3)
- ☐ HONS 300 The Exceptional Country (3)
- ☐ HONS 350 The Flourishing World (3)

General Notes

- Check Degree Works or the Catalog for course pre-requisite information.
- 50% of major requirements must be taken at Regent University
- A minimum cumulative 2.0 GPA is required to maintain good academic standing
- Some majors also require a minimum grade in all major courses.
- As a general rule, 100 and 200 level courses should be taken prior to upper level (300 and 400) level courses.

Major Related Notes

- The B.Ed. in Secondary Science, Biology is offered on campus only.
- Students in this program will learn to teach according to the Virginia Standards of Learning.
- This major leads to initial teacher licensure. See the Undergraduate Catalog, Teacher Education section, for specific requirements for application to the required professional studies courses (UED), pre-service teaching, & licensure courses.
- Students should take UIS 200 *Orientation to Teaching during* their first year.
- Licensure track Teacher Education students must earn a minimum cumulative GPA of 3.0 in their Major coursework.
- UED 495 requires completion of all licensure requirements and all courses except UED 495 and UED 496.
- UED 496 is taken concurrently with UED 495.
- Students are strongly advised to not have an additional job while taking UED 495 and UED 496.
- All science related courses, and MATH 212, require a grade of C or higher.
- Secondary Science majors must take EASC 101 and BIOL 121.
- BIOL 122 is a prerequisite for three courses: BIOL 221, BIOL 321, BIOL 331
- CHEM 121 has a prerequisite of B- or higher in MATH 102.
- CHEM courses should be done in order of ascending number, as they are prerequisites for each other.
- PHYS 221 has a prerequisite of MATH 212, which has a prerequisite of MATH 211.
- Courses offered Fall only: BIOL 201, 221, 321, PHYS 221, NSCI 320, CHEM 121, 221, 421, UIS 350, UED 401, 407, 442
- Courses offered Spring only: BIOL 122, 331, CHEM 122, UED 441, 444

All official degree information is found in Degree Works and the Undergraduate Catalog

[Degree Works \(for Active Degree seeking students only\)](#)

[Course Planning Tool \(Active students only\)](#)

[Academic Catalogs](#)

[Academic Calendar](#)

[Academic Advising](#)

