REGENT UNIVERSITY

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 Only[1]
- ☐ UNIV 100 Regent Foundations of Success (3) Online Only[2]
- ☐ 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.

[1]COMM 110 must be taken by on campus students only

[2]UNIV 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