Biophysical Sciences (B.S.) — Concentration in Biomedical/Pre-Med

On Campus | Regent University | College of Arts & Sciences

Active students should refer to their personalized Degree Works plan, and the Academic Catalog of their acceptance term for the most accurate degree requirements.

General Education Core Curriculum

	Code	Title	Hrs
	BIBLICAL WORLDVIEW: CORNERSTONE AND CAPSTONE		
☐	GENE 100	The Making of the Christian Mind [1]	3
☐	GENE 402	The Making of a Christian Leader [1]	3
	WRITTEN AND ORAL COMMUNICATION		
☐	COMM 110	Public Speaking	3
☐	ENGL 101	English Composition	3
	CRITICAL THINKING AND MORAL REASONING		
☐	ENGL 102	Research and Academic Writing [2]	3
☐	GENE 250	The Making of the Christian Life	3
	QUANTITATIVE AND SCIENTIFIC LITERACY		
☐	MATH 211	Calculus I [3]	4
☐	BIOL 121	General Biology I [4]	4
	LITERATURE		
☐	ENGL 205	Literature of the Western World	3
	ECONOMICS		
	Economics — Choose 1 from below		
☐	ECON 101	Introduction to Economics	3
☐	ECON 120	Microeconomics	3
	U.S. HISTORY OR GOVERNMENT		
	U.S. History or Government — Choose 1 from below		
☐	HIST 201	U.S. History I (to 1877)	3
☐	HIST 202	U.S. History II (from 1877)	3
☐	GOVT 201	The American Republic	3
	Total Hours		**32–33**

[1] *GENE 100 and GENE 402 must be taken at Regent University.*

[2] *Must earn C- or better in ENGL 101 before taking ENGL 102.*

[3] *MATH 211 Calculus I is the required mathematics course for Biophysical Science majors.*

[4] *BIOL 121 General Biology I is the required natural science course for Biophysical Sciences majors.*

Concentration: Biomedical/Pre-Med

	Code	Title	Hrs
☐	PSYC 102	Introduction to Psychology	3
	Science Elective — Choose 1 from below		
☐	BIOL 210	Nutrition	3
☐	BIOL 202	Human Anatomy and Physiology II	4
☐	BIOL 215	Introduction to Microbiology	4
☐	BIOL 421	Immunology	4
☐	CHEM 100	Introduction to Chemistry	3
☐	EASC 101	Earth Science	4
☐	NSCI 222	Cosmology	3
☐	PHYS 101	Physics for Future Leaders	3
	Total Hours		**6**

Choose courses from BIOL 100–499, CHEM 100–499, EASC 100–499, NSCI 100–499, or PHYS 100–499 to reach 6 total concentration credits. Only courses in the course data above are listed; consult your advisor for additional eligible electives.

Must earn C- (1.67) or better in all concentration courses.

Major Requirements — Biophysical Sciences

	Code	Title	Hrs
☐	BIOL 122	General Biology II	4
☐	BIOL 321	General 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 222	Organic Chemistry II	4
☐	CHEM 421	Biochemistry	4
☐	MATH 212	Calculus II	4
☐	NSCI 121	Foundations of Scientific Thought	3
☐	NSCI 320	Biophysical Statistics	3
☐	NSCI 322	Origins	3
☐	NSCI 421	Bioethics	3
☐	NSCI 499	Thesis Research and Writing	3
☐	PHYS 221	University Physics I	4
☐	PHYS 222	University Physics II	4
	Total Hours		**59**

Must earn C- (1.67) or better in all major courses.

Graduation Requirements

✓ 120 Total credit hours, ✓ 2.0 Minimum overall GPA, ✓ C- minimum in all major & concentration courses

**Regent University has the right to add to or change this worksheet. This Degree Worksheet is an unofficial document.*