

# PRE-MEDICAL SCIENCES, UCRT

**Requirements for Students Matriculating in or before Academic Year 2023-2024.** Learn more about University Academic Regulation 3.1 (<http://catalog.okstate.edu/university-academic-regulations/#matriculation>).

**Total Hours:** 63

Code	Title	Hours
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413	Composition II Critical Analysis and Writing II	3
MATH 1483 or STAT 2013 or STAT 2023 or STAT 2053 or STAT 4013	Mathematical Functions and Their Uses (A) (or higher, not MATH 1493) Elementary Statistics (A) Elementary Statistics for Business and Economics (A) Elementary Statistics for the Social Sciences (A) Statistical Methods I (A)	3
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
BIOL 1604	Animal Biology	4
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
CHEM 3053	Organic Chemistry I	3
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1114 or PHYS 2014	College Physics I (LN) University Physics I (LN)	4
PHYS 1214 or PHYS 2114	College Physics II (LN) University Physics II (LN)	4
PSYC 1113	Introductory Psychology (S)	3
SOC 1113	Introductory Sociology (S)	3
3 additional hours from: ENGL, PHIL, PSYC, SOC, or any Humanities (H)		3
BIOL 3023 or MICR 3033	General Genetics Cell and Molecular Biology	3
BIOC 3653 or BIOC 3713	Survey of Biochemistry Biochemistry I	3
Select two of the following: <sup>1</sup>		6
BIOL 3204	Physiology	
BIOL 3214	Human Anatomy	
BIOL 3233	Human Reproduction	
BIOL 4024	Histology	
BIOL 4073	Principles of Neuroscience	
BIOL 4104	General Parasitology <sup>1</sup>	
BIOL 4134	Embryology <sup>1</sup>	
BIOL 4253	Pharmacology	
BIOL 4273	Environmental Physiology	

BIOL 4283	Endocrinology
BIOL 4293	Behavioral Neuroendocrinology
<b>Total Hours</b>	<b>63</b>

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Choosing BIOL 3204, BIOL 3214, BIOL 4024, BIOL 4104 or BIOL 4134 increases overall hours.

## Other Requirements

- Minimum GPA 3.00 with no grade below "C." Minimum 15 hours in residence at OSU.
- A bachelor's degree from Oklahoma State University or another accredited college or university is required.