

MAJOR IN BIOLOGY Pre-Medical Curriculum

This program is for students preparing for Campbell University's Doctor of Osteopathic Medical School and other similar Medical programs. Students enrolled in this curriculum must earn a grade of "C" or higher in all science courses (biology, chemistry, and physics).

NAME _____ ID No. _____ Date _____

Freshman Year

<u>First Semester</u>	<u>S.H.</u>	<u>Grade</u>	<u>Second Semester</u>	<u>S.H.</u>	<u>Grade</u>
BIOL 111 Basic Biology	4.0	_____	BIOL 202 Botany	4.0	_____
MATH 112 Trigonometry	3.0	_____	MATH 160 Statistics	3.0	_____
ENGL 100 Composition	3.0	_____	ENGL 101 Academic Writing	3.0	_____
HIST 111 or 112 West. Civ.	3.0	_____	GCC Humanities elective ²	3.0	_____
CUFS 100	1.0	_____	Foreign Language 102	3.0	_____
Connections - CUC 100	<u>0.5</u>	_____	Connections - CUC 100	<u>0.5</u>	_____
	14.5			16.5	

Sophomore Year

BIOL 203 Zoology	4.0	_____	BIOL 201 Cell/Molecular	4.0	_____
BIOL 205 Intro Bio Research	3.0	_____	CHEM 113 Gen. Chem. II	4.0	_____
CHEM 111 Gen Chem I	4.0	_____	ENGL 2__ Literature	3.0	_____
ENGL 102 Acad Writing	3.0	_____	MATH 122 Calculus	4.0	_____
Foreign Language 201	3.0	_____	GCC Social Science elective ^{3 8}	3.0	_____
Connections - CUC 200	<u>0.5</u>	_____	Connections - CUC 200	<u>0.5</u>	_____
	17.5			18.5	

Junior Year

BIOL elective ⁷	4.0	_____	BIOL 342 Genetics	4.0	_____
CHEM 227 Organic Chem I	4.0	_____	CHEM 228 Organic Chem II	4.0	_____
PHYS 221 Physics I	4.0	_____	PHYS 222 Physics II	4.0	_____
CHRS 125 Intro Christianity	3.0	_____	PE 185 Lifetime Wellness	2.0	_____
GCC elective ^{4 8}	<u>3.0</u>	_____	Fine Arts 131 ¹	<u>3.0</u>	_____
	18.0			17.0	

Senior Year

BIOL 430 ^{6 7} , 438 ⁶ or BIOL elect	4.0	_____	BIOL 327 Ecology	4.0	_____
BIOL 451 Senior Seminar	1.0	_____	BIOL 437 ⁶ or BIOL elect ⁷	4.0	_____
Open electives ^{5 8}	<u>11.0</u>	_____	Open electives ^{5 8}	<u>8.0</u>	_____
	16.0			15.0	

Minimum of 124 hours to graduate.

¹ART 131, THEA 131, or MUSC 131

²GCC Humanities and Fine Arts elective list. Choose one course from CHRS 202, 212, 224, 236, 251, 322 or higher, PHIL 121, ENGL 201, 202, 203, 204, 205, or 206, HIST 1xx, 2xx, 3xx, or 4xx (note: 2nd West. Civ. class can be taken as Humanities elective), FLAN 221, 222, 241, or 242

³GCC Social/Behavioral Science elective list. Choose one course from CRIM, ECON, GEOG, POLS, PSYC, SOCI, or COMM 240

⁴GCC elective: Choose at least one additional course from either the Humanities and Fine Arts or Social/Behavioral Sciences elective lists. (see number 3 and 4 above).

⁵Open elective: any Campbell course, including BIOL courses or courses from the GCC elective lists beyond the GCC requirement. Students are encouraged to complete more than the minimum number of hours in biology.

⁶Students are required to take one of the following: BIOL 430, BIOL 437, or BIOL 438.

See the back of this sheet for additional important information regarding Required/Recommended Electives →

Medical School

Students should check the specific requirements for each medical school program. Some schools may have additional requirements. The MCAT is required for admission to medical school.

⁷The following courses are **required** for most medical programs:

- BIOL 430 Biochemistry
- BIOL 334 Microbiology
- BIOL 221 Human Anatomy and Physiology

⁸The following courses are **recommended** for most medical programs:

- BIOL 310 Advanced Human Physiology
- PSYC 222 General Psychology
- BIOL 335 Immunology
- BIOL 336 Medical Microbiology
- SOCI 225 General Sociology or an additional Psych class (260 is a good option)

A student will significantly strengthen his/her application to medical school with the addition of work experience in a medical setting. This work may include volunteer, CNA, EMT, medical missions work, etc. Any work which includes patient contact is preferred.