

Curriculum for BS degree in Biotechnology

First Year

First Semester		Hours	Second semester		Hours
23-101	General Biology I	4	23-102	General Biology II	4
24-101	General Chemistry I	4	24-102	General Chemistry II	4
01-101	English Composition I	3	01-102	English Composition II	3
25-122	Trigonometry	3	25-251	Calculus I	4
23-191	University Seminar I	1	23-192	University Seminar II	1
			21-100	Introduction to Biotech	1
Total hours		15	Total hours		17

Second Year

First Semester		Hours	Second semester		Hours
23-215	Cell Biology	4	23-210	Genetics	4
24-301	Organic Chemistry I	4	24-302	Organic Chemistry II	4
07-xxx	Foreign Language	3	07-xxx	Foreign Language	3
34-20x	History	3	xx-xxx	History/Social Science	3
01-20x	Af Am/World Lit	3	01-20x	Af Am/World Lit	3
Total hours		17	Total hours		17

Students with GPA of 3.0 or higher can apply to Biotechnology major

Third Year

First Semester		Hours	Second semester		Hours
23-310	Molecular Biology	4	21-301	Biotechnology Lab 1	4
34-395	Global Societies	3	xx-xxx	Arts and Humanities	3
26-201	Physics I	4	26-202	Physics II	4
35-301	Topics in Bioinformatics	3	01-200	Speech	3
xx-xxx	Free elective	3	16-100	Fitness and Wellness	2
			21-299	Research Seminar	1
Total hours		17	Total hours		17

Fourth Year

First Semester		Hours	Second semester		Hours
21-302	Biotechnology Lab II	4	21-403	Adv. Biotech. Inst.	4
24-403	Biochemistry	4	xx-xxx	Biotechnology elective	3/4
25-241	Statistics*	3	xx-xxx	Biotechnology elective	3/4
21-461	Research (Senior Capstone I)**	3	23-499	Senior Capstone II	1
			21-399	Research Seminar	1
Total hours		14			13-15

Total 127-129

* Other Statistics course option with advisor approval

** Capstone Course