

WECIB COURSE PLANNER

Biotechnology: Bioanalytical Lab Technology

FALL SEMESTER	TOTAL CREDITS	SPRING SEMESTER	TOTAL CREDITS
Fall Grade 11 (3rd & 4th periods)	8	Spring Grade 11 (3rd and 4th periods)	8
BIO 111 (General Biology I, 6 contact hours) Lecture & Lab MAT 003, ENG 002	4	BIO 112 (General Biology II, 6 contact hours) Lecture & Lab PR: BIO 111, C or better	4
BTC 181 (Basic Lab Techniques, 6 contact hours) Lecture & Lab	4	BTC 275 (Industrial Microbiology, 6 contact hours) Lecture & Lab PR: BIO 111, C or better	4
Fall Grade 12 (1st and 2nd periods)	7	Spring Grade 12 (1st and 2nd periods)	7
ISC 121 (Environmental Health & Safety) (3 contact hours) Lecture	3	BTC 150 (Bioethics, 3 contact hours) Lecture PR: ENG 002	3
BTC 281 (Bioprocess Techniques, 8 contact hours) Lecture & Lab PR: BTC 181	4	BIO 250 (Genetics, 6 contact hours) Lecture & Lab PR: BIO 112, C or better	4
Fall Grade 13	15 - 17	Spring Grade 13	16 - 18
MAT 171 (Precalculus Algebra) PR: MAT 071 (added w/HS GPA of 2.8 or better)	4	ENG 112 (Writing & Research in the Disciplines) PR: ENG 111, C or better	3
ENG 111 (Writing & Inquiry) PR: ENG 011 (added w/HS GPA of 2.8 or better)	3	PSY 150 (General Psychology) PR: ENG 002	3
CIS 110 (Introduction to Computers)	3	CHM 151 (General Chemistry I) CHM 090 (covered by any HS CHM w/C or better; MAT 171, ENG 002)	4
HUM 110 (Technology & Society) PR: ENG 002 (2.8 or higher for 10 th graders)	3	BTC 285 (Cell Culture, only offered in Spring) PR: BTC 275	4
Major elective	2 – 4	Major elective	2 – 4
Summer School/Additional Course	4		
CHM 152 (General Chemistry II) PR: CHM 151, C or better	4		
		TOTAL CREDITS	67
BioLaboratory Certificate – 16 credit hours	16		
14 credit hours toward Biotech AAS degree	14		
TOTAL BIOTECH CREDITS	30		

Major Elective Options (select one set):			
AGR 160 (3 credits, only offered in Fall) HOR 168 (3 credits, only offered in Spring) *	6	* Students completing these two electives may qualify for BioAgriculture Certificate	
ISC 278 (2 credits) BTC 270 (4 credits, only offered in Spring) **	6	** WBL 112 may substitute for ISC 278	

07.23.25

This sheet is for advising and planning purposes only and does not guarantee placement in selected courses. Students should work with College Liaison and Advisor to determine courses that will result in the greatest transferrable credit for the intended program upon transfer to a 4-year school. Mandatory high school courses are not listed on this form. Refer questions about high school courses to your high school Dean of Students.