

Biotechnology

Associate in Applied Science (A20100)

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TOTAL HOURS FOR CREDENTIAL				
Class	Lab	Clinic	Work	Credit
45	36	0	0	58

Fall I at Martin Community College

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
ACA 115	Success and Study Skills			0	2	0	0	1
BIO 111	General Biology I			3	3	0	0	4
CHM 131 AND	Introduction to Chemistry AND			3	0	0	0	3
CHM 131A OR	Introduction to Chemistry Lab OR			0	3	0	0	1
CHM 151	General Chemistry I			3	3	0	0	4
ENG 111	Writing and Inquiry	See Catalog		3	0	0	0	3
	Behavioral/Social Science Elective			3	0	0	0	3
Semester Totals:				12	8	0	0	15

Spring 1 at Martin Community College

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
BIO 112	General Biology II	BIO 111		3	3	0	0	4
CHM 132 OR	Organic and Biochemistry OR	CHM 131 & CHM-131A/CHM-151						
CHM 152	General Chemistry II	CHM 151		3	3	0	0	4
COM 231 OR	Public Speaking OR							
ENG 112	Writing/Research in the Disc	ENG 111		3	0	0	0	3
MAT 110 OR	Math Measurement & Literacy OR			2	2	0	0	3
MAT 171	Precalculus Algebra	See Catalog		3	2	0	0	4
	Humanities/Fine Arts Elective			3	0	0	0	3
Semester Totals:				14	8	0	0	17

Summer at Martin Community College

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
MAT 152	Statistical Methods I	See Catalog		3	2	0	0	4
Semester Totals:				3	2	0	0	4

at Pitt Community College

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
BIO 275 OR	Microbiology OR							
BTC 275	Industrial Microbiology			3	3	0	0	4
BTC 181	Basic Lab Techniques			3	3	0	0	4
BTC 250	Molecular Genetics			3	0	0	0	3
BTC 270	Recombinant DNA Tech			3	3	0	0	4
BTC 281	Bioprocess Techniques			2	6	0	0	4
BTC 285	Cell Culture			2	3	0	0	3
Semester Totals:				16	18	0	0	22

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
Semester Totals:				0	0	0	0	0

Other Course Information (if applicable)

Humanities/Fine Arts Electives: ART 111, HUM 110, HUM 115, HUM 160, MUS 110, PHI 240

Behavioral/Social Science Electives: POL 120, PSY 150, SOC 210

Note: Students wishing to pursue a Bachelors Degree in Biotechnology should take CHM 132, 151, 152, MAT 171 and should substitute ACA 122 College Success for ACA 115 Success and Study Skills.