

## Biotechnology Program Details

Associate in Applied Science					Total Credit Hours: 65 Minimum						
Course Title		Hours Per Week				Course Title		Hours Per Week			
		Cl	Lb	Cn	Cr			Cl	Lb	Cn	Cr
<b>FALL - 1st Year</b>					<b>SPRING - 2nd Year</b>						
BIO 111	General Biology I	3	3	0	4	BIO 285	Research & Measurement	2	4	0	4
CHM 131	Introduction to Chemistry	3	0	0	3	COE 111	Co-op Work Experience I	0	0	10	1
CHM 131A	Intro to Chemistry Lab	0	3	0	1	ENG 114	Prof Research & Reporting	3	0	0	3
CIS 110	Intro to Computers	2	2	0	3	-----	Technical Specialty Elective	*	*	0	*
ENG 111	Expository Writing	3	0	0	3	-----	Technical Specialty Elective	*	*	0	*
MAT 115	Mathematical Models	2	2	0	3						
								<b>5+</b>	<b>4+</b>	<b>10</b>	<b>8+</b>

Course Title		Hours Per Week				Course Title		Hours Per Week			
		Cl	Lb	Cn	Cr			Cl	Lb	Cn	Cr
<b>SPRING - 1st Year</b>					<b>FALL - 2nd Year</b>						
BIO 112	General Biology II	3	3	0	4	BTC 181	Basic Lab Techniques	3	3	0	4
CHM 132	Organic & Biochemistry	3	3	0	4	CIS 172	Intro to the Internet	2	3	0	3
MAT 151	Statistics I	3	0	0	3	-----	Technical Specialty Elective	*	*	0	*
MAT 151A	Statistics Lab I	0	2	0	1	-----	Technical Specialty Elective	*	*	0	*
PSY 118	Interpersonal Psychology	3	0	0	3	-----	Humanities Electives ***	3	0	0	3
								<b>8+</b>	<b>6+</b>	<b>0</b>	<b>10+</b>

Course Title		Hours Per Week			
		Cl	Lb	Cn	Cr
<b>** Technical Specialty Elective</b>					
Select a minimum of 14 credit hours from:					
BIO 250	Genetics	3	3	0	4
BIO 275	Microbiology	3	3	0	4
BTC 281	Bioprocess Techniques	2	6	0	4
BTC 285	Cell Culture	2	3	0	3
BTC 286	Immunological Techniques	3	3	0	4
BTC 288	Biotech Lab Experience	0	6	0	2

**\*\*\*Humanities Elective**

Select from	HUM 130	HUM 220	PHI 215	PHI 240
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**Note:** MAT 115 and PSY 118 may be substituted for appropriate higher-level courses in the same disciplines.