

**General Information:**

1. Degree Policies and Procedures are in the Catalog at [www.CCAurora.edu](http://www.CCAurora.edu).
2. If you plan on transferring to another institution, contact an advisor before registering.
3. You must apply for graduation by mid-semester prior to your final term. See Semester of Classes for the exact deadline date.

**Program Info:**

Imagine...protecting people against disease. Restoring the environment. Improving the quality of life. How can I do this, you ask? Pursue a career in Biotechnology! Our biotech program places you in the forefront of scientific discovery. Whether you're looking to join the workforce and need specific skills as a biotechnology technician, or if you want to apply your coursework to a four-year degree in life science; CCA can help.

This degree is designed for students intending to transfer to a public college or university in Colorado; however, taking biotech courses may not work for all science majors, and prerequisite courses may be needed upon transfer. Discuss transfer with your advisor and the intended transfer institution early in your program.

**GENERAL EDUCATION REQUIREMENTS**
**Communication – (CO 1 & CO2 – 6 credits)**
**Take both courses:**

	ENG 121 & ENG 122 English Composition I & II
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**Community College System Core Requirement – (3 credits)**
**Choose one course:**

	SPE 115 Public Speaking OR SPE 125 Interpersonal Communication
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**Mathematics – (MA1 – 3-5 credits)**
**Choose one course:**

	MAT 121 College Algebra
	MAT 122 College Trigonometry
	MAT 201 Calculus I
	MAT 202 Calculus II

**Physical & Life Sciences – (SC1-10 credits)**
**Take both courses:**

	BIO 111 General College Biology I
	CHE 111 General College Chemistry I

**Social & Behavioral Sciences – 9 credits (Select at least one HIS course (GT-HI1) and one or two courses from at least one different category GT-SS1, GT-SS2, or GT-SS3)**

	<b>History:</b> You must choose one course. You may take up to two courses: HIS 101, HIS 102, HIS 111, HIS 112, HIS 201, HIS 202, HIS 247	GT-HI1
	<b>Select one or two courses from the categories below:</b> <b>Economics &amp; Political Science:</b> ECO 201, ECO 202, POS 105, POS 111, POS 205, POS 225	GT-SS1
	<b>Geography:</b> GEO 105, GEO 106	GT-SS2
	<b>Anthropology, Psychology, Sociology:</b> ANT 101, ANT 111, PSY 101, PSY 102, PSY 205, PSY 226, PSY 235, PSY 238, SOC 101, SOC 102, SOC 215	GT-SS3

**Arts & Humanities – 9 credits (Select three courses with no more than 2 courses from any one of the following categories (GT-AH1, GT-AH2, GT-AH3 or GT-AH4))**

	<b>Select a total of three courses from the categories below:</b> <b>Art, Music, Theatre:</b> ART 110, ART 111, ART 112, MUS 120, MUS 121, MUS 122, THE 105, THE 211, THE 212	GT-AH1
	<b>Humanities, Literature:</b> HUM 121, HUM 122, HUM 123, LIT 115, LIT 201, LIT 202, LIT 205, LIT 211, LIT 212, LIT 221, LIT 222	GT-AH2
	<b>Philosophy:</b> PHI 111, PHI 112, PHI 113, PHI 114, PHI 214	GT-AH3
	<b>Foreign Languages*:</b> FRE 211, FRE 212, GER 211, GER 212, JPN 211, JPN 212, RUS 211, RUS 212, SPA 211, SPA 212 <small>*Many CO 4-year institutions require foreign language for admission. Check with your college of transfer intent</small>	GT-AH4

**Biotechnology Requirements**
**Math/Science Electives – (20 credits)**

	BIO 204 Microbiology
	CHE112 General College Chemistry II
	BIO269 Nucleic Acid Techniques
	BIO268 Cell Biology & Immunology
	CHE211L Organic Chemistry Lab
	ENG131 Technical Writing

**Associate of Science, Biotechnology Option**
**Total Required:**
**61 credits**
**Recommended Progression of Biotech requirements**
**1<sup>st</sup> semester:**

	BIO 111 General College Biology I
	ENG 131 Technical Writing

**2<sup>nd</sup> semester:**

	CHE 111 General College Chemistry I
	BIO 204 Microbiology

**3<sup>rd</sup> semester:**

	CHE 112 General College Chemistry II
	BIO 269 Nucleic Acid

**4<sup>th</sup> semester:**

	CHE 211L*Organic Chemistry Lab
	BIO 268 Cell Biology and Immunology

\* it is recommended that CHE 211 be taken along with CHE 211L