



Biotechnology
 Associate in Science Degree
 Career-Oriented Program
GRADUATION CHECKLIST

2021/2022
CATALOG

This program is a Career-Oriented Degree that provides skills and knowledge, often in the form of a credential or qualification, that allow for direct entry into the work force. These degrees may serve as transfer degrees with or without a guarantee that additional credits will not be needed at the baccalaureate level within the CSU system.

Category	Course	Prerequisite(s)	Cr	Grade	Semester Taken
First Semester (Fall) – 13 credits					
Gen Ed: Written Communication	ENG*101 (or ENG*101E): Composition	Placement and/or See course description	3		
Gen Ed: Historical Knowledge	BIO*109: Principles of Biotechnology	Eligible for ENG*101.	3		
Program Requirement	CSC*101: Introduction to Computers OR Higher	See course description	3		
Program Requirement	CHE*121: General Chemistry I	MAT*137E or MAT*137 with a grade of "C-" or better, eligible for ENG*101, and one of the following: either High School Chemistry or CHE*101 or CHE*111	4		
Second Semester (Spring) – 15					
Gen Ed: Quantitative Reasoning	MAT*167: Principles of Statistics	Eligible for ENG*101 or ENG*101 E and MAT*137 or MAT*137 E (or higher) with a grade of "C" or better OR eligible for ENG*101 or ENG*101 E and math placement	3		
Gen Ed: Scientific Knowledge or Reasoning	BIO*121: General Biology I	Eligible for ENG*101 and eligible for MAT*137 or higher	4		
Program Requirement	CHE*122: General Chemistry II	CHE*121 with a grade of "C-" or better.	4		
Program Requirement	MAT*173: College Algebra OR Higher	See course description	4		
Third Semester (Fall) – 15 credits					
Program Requirement	BIO*222: Molecular Biotechniques	CHE*112 or higher and either BIO*121 or BIO*235.	4		
Program Requirement	BIO*235: Microbiology	ENG*101E or 101, CHE*111 or higher with a grade of "C" or better, and either BIO*105 or BIO*121 taken within the past five years. All with a grade of "C" or better.	4		
Program Requirement	BIO*263: Molecular Genetics	CHE*112 or BIO*121 or BIO*235.	4		
Gen Ed: Written Communication or Gen Ed: Oral Communication	Choose one: <input type="radio"/> COM*173: Public Speaking OR <input type="radio"/> ENG*202: Technical Writing	See course description	3		
Fourth Semester (Spring) – 17 credits					
Gen Ed: Aesthetic Dimensions		See course description	3		
Gen Ed: Social Phenomena I		See course description	3		
Program Requirement	BIO*296: Biotechnology Internship	Permission of the program coordinator.	3		
Program Requirement	CHE*220: Biochemistry	BIO*121 and CHE*122 with a "C" or better in both.	4		
Program Requirement	CHE*250: Instrumental Analysis	CHE*121 with a grade of "C-" or better.	4		
TOTAL CREDITS			60		

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Deadline to Apply:

GRADUATION CHECKLIST

Graduation Year: 20 _____

Fall: December 1st

2021-2022

Year of Catalog being used _____

Spring/Summer: April 15th

NAME (First Name, Middle Initial/Name is optional, Last Name) @ _____
BANNER ID

STREET ADDRESS TOWN ZIP PHONE#

Please note: All graduation correspondence will be sent to your college assigned email.

Please be advised that your name and academic major will be printed in the commencement brochure and your academic major will be announced at the graduation ceremony if you choose to attend. Please notify the Enrollment Services Office if you do not wish your information to be printed or announced.

Other college transfer credits to be used? Yes No

From which college? _____

Are they on file at MxCC? Yes No

Are you applying for more than one degree? Yes No

If yes, which curriculum? _____

Graduation Requirements:

Have been met Will be met at the end of: Fall semester Spring Semester Summer Semester

Minimum Required GPA for Graduation is 2.0 Current GPA: _____

ADVISOR'S SIGNATURE* & DATE

STUDENT'S SIGNATURE* & DATE

**Typed name is acceptable for signature.*

Electronic Submissions: This form must be submitted to MX-Registrar@mxcc.edu from student's official college email address.