



**Biotechnology**  
 Associate in Science Degree  
 Career-Oriented Program  
 GRADUATION CHECKLIST

**2018-19**  
**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	Cr	Semester Taken	Grade
<b>First Semester (Fall) – 13 credits</b>				
Gen Ed: Written Communication	ENG*101 (or ENG*101E): Composition	3		
MxCC General Education Requirement (1 of 2)	BIO*109: Principles of Biotechnology	3		
Program Requirement	CSC*101: Introduction to Computers <b>OR</b> Higher	3		
Program Requirement	CHE*121: General Chemistry I	4		
<b>Second Semester (Spring) – 15 credits</b>				
Gen Ed: Quantitative Reasoning for Career Programs	MAT*167: Principles of Statistics	3		
Gen Ed: Scientific Knowledge OR Scientific Reasoning	BIO*121: General Biology I	4		
Program Requirement	CHE*122: General Chemistry II	4		
Program Requirement	BIO*222: Molecular Biotechniques	4		
<b>Third Semester (Fall) – 15 credits</b>				
Program Requirement	MAT*173: College Algebra <b>OR</b> Higher	4		
Program Requirement	BIO*235: Microbiology	4		
Program Requirement	BIO*263: Molecular Genetics	4		
MxCC General Education Requirement (2 of 2)	<b>Choose one:</b> COM*173: Public Speaking <b>OR</b> ENG*202: Technical Writing	3		
<b>Fourth Semester (Spring) – 17 credits</b>				
Gen Ed: Aesthetic Dimensions		3		
Gen Ed: Social Phenomena		3		
Program Requirement	BIO*296: Biotechnology Internship	3		
Program Requirement	CHE*220: Biochemistry	4		
Program Requirement	CHE*250: Instrumental Analysis	4		
<b>TOTAL CREDITS</b>		<b>60</b>		

MIDDLESEX COMMUNITY COLLEGE

Deadline to Apply:

**GRADUATION CHECKLIST**

Graduation Year: 20\_\_\_\_\_

Fall: November 12, 2018

**2018-2019**

Year of Catalog being used\_\_\_\_\_

Spring/Summer: April 15, 2019

**Biotechnology  
Associate in Science Degree  
Career-Oriented Program**

\_\_\_\_\_  
NAME (as you would like it to appear on the Diploma) @ \_\_\_\_\_  
BANNER ID

\_\_\_\_\_  
STREET ADDRESS TOWN ZIP PHONE#

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 Records Office if you \_Do Not wish your information to be printed or announced.

Other college transfer credits to be used? Yes  No  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

\_\_\_\_\_  
ADVISOR'S SIGNATURE & DATE

\_\_\_\_\_  
STUDENT'S SIGNATURE & DATE