



Biotechnology
Associate in Science Degree
Career-Oriented Program
GRADUATION CHECKLIST

2019-20
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 |
|--|--|-----------|----------------|-------|
| First Semester (Fall) – 13 credits | | | | |
| Gen Ed: Written Communication | ENG*101 (or ENG*101E): Composition | 3 | | |
| Gen Ed: Historical Knowledge | BIO*109: Principles of Biotechnology | 3 | | |
| Program Requirement | CSC*101: Introduction to Computers OR Higher | 3 | | |
| Program Requirement | CHE*121: General Chemistry I | 4 | | |
| Second Semester (Spring) – 15 credits | | | | |
| Gen Ed: Quantitative Reasoning | 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 | MAT*173: College Algebra OR Higher | 4 | | |
| Third Semester (Fall) – 15 credits | | | | |
| Program Requirement | BIO*222: Molecular Biotechniques | 4 | | |
| Program Requirement | BIO*235: Microbiology | 4 | | |
| Program Requirement | BIO*263: Molecular Genetics | 4 | | |
| Gen Ed: Written Communication | Choose one: COM*173: Public Speaking OR ENG*202: Technical Writing | 3 | | |
| Fourth Semester (Spring) – 17 credits | | | | |
| 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 | | |
| TOTAL CREDITS | | 60 | | |

MIDDLESEX COMMUNITY COLLEGE

Deadline to Apply:

GRADUATION CHECKLIST

Graduation Year: 20_____

Fall: December 13, 2019

2019-2020

Year of Catalog being used_____

Spring/Summer: April 15, 2020

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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