

## MARICOPA COMMUNITY COLLEGES TRANSFER PATHWAY

### MICROBIOLOGY B.S.

Microbiology provides a solid foundation in modern biology with an applied focus on microorganisms such as bacteria, viruses, fungi, algae, parasites, protozoans, etc. Given the focus on microbes, students learn about infectious diseases and how microbes interact with their environment and their host organisms. The major is utilized by pre-med, pre-vet, pre-pharm, and pre-health students as well as by students who plan to pursue graduate school or employment following graduation.

### TRANSFER EQUIVALENCIES

On the following page you will find course equivalencies for Microbiology. The information presented is a recommended outline of courses for students to take at Maricopa Community Colleges that will transfer as equivalent courses to the University of Arizona. Please consult with a transfer admissions counselor and academic advisor to review specific courses as transfer pathways are subject to change.

The course equivalencies on the following page are from the AZTransfer course equivalency guide. The student's successful completion of each course will be reviewed in the pre-admission evaluation. Please note that all course work will be officially evaluated once your official transcript is processed by the University of Arizona. Students must receive a grade of a C or higher for a course to transfer.



In Microbiology students will find new ways to prevent and treat disease to improve the health of people, plants, animals, and the environment. Our microbiology major is ideal for students pursuing careers in medicine, veterinary care, and scientific research.

## Microbiology

### 1st Semester

Maricopa CC Transfer Course	University of Arizona Course
MAT 212/213 or MAT 220/221	MATH 113 Elements of Calculus or MATH 122A/MATH 122B Calculus I
ENGL 101	ENGL 101 First Year Composition
CHM 151 & CHM 151LL	CHEM 151 General Chemistry I
AGEC-A or AGECS	Tier I General Education
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### 2nd Semester

Maricopa CC Transfer Course	University of Arizona Course
PSY 230	PSY 230: Psychological Measurement & Statistics
ENGL 102	ENG 102 First Year Composition
BIO 181	MCB 181R & MCB181L General Biology I
CHM 152 & CHM 152LL	CHEM 152 General Chemistry II
AGEC-A or AGECS	Tier I General Education

### 3rd Semester

Maricopa CC Transfer Course	University of Arizona Course
CHM 235 & CHM 235LL	CHEM 241A & CHEM 243A Organic Chemistry I
AGEC-A or AGECS	Tier I General Education
PHY 111	PHYS 102 & PHYS 181 General Physics I
SPA 101, FRE 101, etc.	Second Language

### 4th Semester

Maricopa CC Transfer Course	University of Arizona Course
CHM 236 & CHM 236LL	CHEM 241B & CHEM 243B Organic Chemistry II
PHY 112	PHYS 103 & PHYS 182 General Physics II
COMM 100 or COM 225	COMM 101 Introduction to the Study of Communication or COMM 119 Public Speaking
SPA 102, FRE 102, etc.	Second Language