

## MARICOPA COMMUNITY COLLEGES TRANSFER PATHWAY

### PLANT SCIENCES B.S.

Plant Sciences provides a solid foundation in biological sciences and opportunities to customize your education with diverse and interdisciplinary electives. Students can explore courses in a wide range of related disciplines from computer science and engineering to biochemistry, metabolic engineering, and environmental science. Our students are prepared for competitive careers in research and industry doing biotechnology, plant breeding, precision agriculture, pharmacy, microbiology, crop consulting, and more.

### TRANSFER EQUIVALENCIES

On the following page you will find course equivalencies for Plant Sciences. 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.



Students majoring in Plant Sciences will take classes such as *principles and techniques of plant propagation and culture*, *plant biotechnology*, and *plant breeding and genetics*, depending on their interests and future career goals.

## Plant Sciences:

### 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
SPA 101, FRE 101, etc.	Second Language

### 2nd Semester

Maricopa CC Transfer Course	University of Arizona Course
ENGL 102	ENG 102 First Year Composition
BIO 181	MCB 181R & MCB181L General Biology I
CHM 152 & CHM 152LL	CHEM 152 General Chemistry II
SPA 102, FRE 102, etc.	Second Language

### 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
AGS 164	PLS 240 Plant Biology
BIO 182	ECOL 182R & ECOL 182L General Biology II

### 4th Semester

Maricopa CC Transfer Course	University of Arizona Course
AGEC-A or AGECS	Tier I General Education
AGEC-A or AGECS	Tier I General Education
PHY 111	PHYS 102 & PHYS 181 General Physics II
AGEC-A or AGECS	Tier II General Education