

MARICOPA COMMUNITY COLLEGES TRANSFER PATHWAY

BIOSYSTEMS ANALYTICS AND TECHNOLOGY B.S.

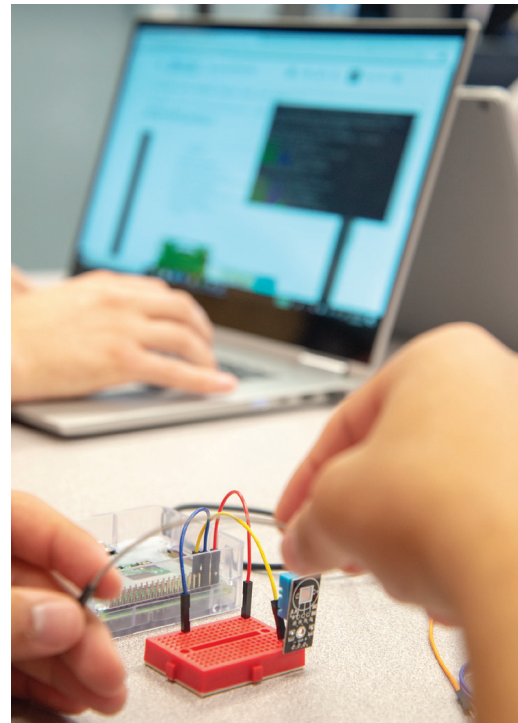
Students in Biosystems Analytics and Technology combine biological, physical and data sciences with technology to address global threats related to environmental, ecological, biological, agricultural, and human systems. They learn how to manage large-scale data from environmental and human metagenomics, remote sensing and precision observations, and sensors and controls to solve the world's food, water, and energy challenges.

Students can focus their studies in analytics; sensors & controls; controlled environment agriculture; pre-health/pre-medical; remote sensing and precision agriculture; and environment.

TRANSFER EQUIVALENCIES

On the following page you will find course equivalencies for **Biosystems Analytics & Technology**. 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 Biosystems Analytics & Technology will take classes such as *Intro to Sensors & Controls*, *Applied Biostatistics*, and *Remote Sensing Data and Methods*.

BIOSYSTEMS ANALYTICS & TECHNOLOGY

1st Semester

Maricopa CC Transfer Course	University of Arizona Course
ENGL 101	ENGL 101 First Year Composition
BIO 181	MCB 181R & MCB 181L General Biology I
SPA 101, FRE 101, etc.	Second Language
AGEC-S	Tier I General Education

2nd Semester

Maricopa CC Transfer Course	University of Arizona Course
ENGL 102	ENGL 102 First Year Composition
SPA 102, FRE 102, etc.	Second Semester Proficiency in Second Language
PHY 111	PHYS 102 & PHYS General Physics I
BIO 182	ECOL 182R & ECOL 182L General Biology II

3rd Semester

Maricopa CC Transfer Course	University of Arizona Course
CHM 151 & CHM 151LL	CHEM 151 General Chemistry I
AGEC-S	Tier I General Education
AGEC-S	Tier I General Education
MAT 220 or MAT 221	MATH 122A/MATH 122B Calculus I

4th Semester

Maricopa CC Transfer Course	University of Arizona Course
MAT 206	MATH 163 Basic Statistics
AGEC-S	Tier I General Education
CHM 152IN	CHEM 152 General Chemistry II
AGEC-S	Tier I General Education