

## MARICOPA COMMUNITY COLLEGES TRANSFER PATHWAY

### NATURAL RESOURCES B.S.

#### Global Change Ecology & Management

Global change ecology and management is a new option designed to prepare students to work effectively as natural resource scientists and managers in a rapidly changing world. We are responding to growing student concern about, and interest in, global change impacts and how society will deal with them. We are recruiting and training a new generation of natural resources leaders ready to address evolving management changes in the face of global change. We offer this new option out of the conviction that there is no area of natural resource science or management that will be unaffected by global change in all its manifestations. The global change ecology and management program draws on School of Natural Resources and the Environment strengths in the biological, physical, and socio-economic sciences. Class options draw from course offerings within and outside of the School of Natural Resources and the Environment, tapping into strengths in this area across the university. Newly developed courses will complement and build on the existing curriculum to provide a strong foundation of knowledge.

#### TRANSFER EQUIVALENCIES

On the following page you will find course equivalencies for the Natural Resources' global change ecology and management emphasis. 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 the global change ecology and management emphasis, students will take classes such as *global sustainability and natural resources*, *climate change adaptation*, and *ecological surveys and sampling* to prepare to manage the Earth's changing ecosystems.

## Natural Resources: Global Change Ecology & Management

### 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	Tier I General Education
SPA 101, FRE 101, etc.	Second Language

### 2nd Semester

Maricopa CC Transfer Course	University of Arizona Course
MAT 206 or PSY 230	MATH 163 or PSY 230 Statistics
ENG 102	ENG 102 First Year Composition
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
ECN 211 or ECN 212	Satisfies ECON 200 Basic Economic Issues
AGEC-A	Tier II General Education
BIO 181	MCB 181R & MCB 181L General Biology I
PHY 111	PHYS 102 & PHYS 181 General Physics I

### 4th Semester

Maricopa CC Transfer Course	University of Arizona Course
COM 225 or COM 230	COMM 119 Public Speaking or COMM 113 Introduction to Small Group Communication
BIO 182	ECOL 182R & ECOL 182L General Biology II
AGEC-A	Tier II General Education
Elective	Elective