

PIMA COMMUNITY COLLEGE TRANSFER PATHWAY

NATURAL RESOURCES B.S. WATERSHED MANAGEMENT & ECOHYDROLOGY

Watershed hydrology and management is the art and science of managing the natural resources of wild land drainage basins, with special consideration given to the quantity and quality of the water resource. Watershed managers are concerned with sustained productivity of such products as water, wood, forage, wildlife, and recreational opportunities. Watershed management graduates are qualified for careers in organizations and businesses concerned with integrated land management, the environment, or water resources. Many are employed as hydrologists. Employers include federal or state agencies, municipal water districts, private consulting firms, and conservation organizations. The study of watershed management emphasizes the combined physical, biological, and management aspects of natural resources, with special attention to water. Students receive specialized course work in subjects specific to the management of surface water resources. The curriculum also emphasizes social science, communication skills, and procedures for analyzing policy, as these tools are becoming increasingly important components of successful resource management activities.



In the watershed management and ecohydrology emphasis, students will take classes such as *Stream Ecology*, *Watershed Hydrology*, and *Introduction to Wildland Fire* to learn to manage the natural resources of wild land drainage basins, including water quality.

TRANSFER EQUIVALENCIES

On the following page you will find course equivalencies for the **Natural Resources: Watershed Management and Ecohydrology** emphasis. The information presented is a recommended outline of courses for students to take at Pima Community College 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.

Optional electives that transfer into the university as elective credit:

- BIO 105IN Environmental Biology
- BIO 115IN Wildlife of North America
- BIO 109IN Natural History of the Southwest

NATURAL RESOURCES: WATERSHED MANAGEMENT & ECOHYDROLOGY

1st Semester

Pima CC Transfer Course	University of Arizona Course
WRT 101	ENGL 101 First Year Composition
SPA 101, FRE 101, etc.	Second Language
CHM 151IN	CHEM 151 General Chemistry I
MAT 220	MATH 122A/MATH 122B Calculus I
AGEC-S	Tier I General Education

2nd Semester

Pima CC Transfer Course	University of Arizona Course
WRT 102	ENGL 102 First Year Composition
SPA 102, FRE 102, etc.	Second Semester Proficiency in Second Language
CHM 152IN	CHEM 152 General Chemistry II
AGEC-S	Tier I General Education
MAT 231	MATH 129 Calculus II

3rd Semester

Pima CC Transfer Course	University of Arizona Course
AGEC-S	Tier I General Education
PHY 121IN	PHYS 102 & PHYS 181 General Physics I
GLG 101IN	GEOS 251 Physical Geology
BIO 181IN	MCB 181R & MCB 181L General Biology I
MAT 167 or PSY 230	MATH 163 or PSY 230 Statistics

4th Semester

Pima CC Transfer Course	University of Arizona Course
AGEC-S	Tier II General Education
BIO 182IN	ECOL 182R & ECOL 182L General Biology II
AGEC-S	Tier I General Education
PHY 122IN	PHYS 103 & PHYS 182 General Physics II
ECN 201 or ECN 202	Satisfies Economics for this major
STU 210	Elective Credit