

## Associate of Science Biology Concentration

[www.pima.edu/biology-as](http://www.pima.edu/biology-as)

Study the science of living systems while preparing to transfer to a university. Students learn through lecture and hands-on lab experiences.

**Title IV Financial Aid eligible:** Yes

### What can I do with this degree?

**Career options:** Seek employment as a technician in laboratories, manufacturing firms, or government.

**Academic options:** Transfer to a university program in the biological sciences

### CHOOSE YOUR COURSES WITH YOUR COLLEGE ADVISOR

### Placement

Students must meet prerequisite standards before taking MAT 220 and WRT 101 required in the pathway below. If you are not prepared for these courses based on placement results you will need to take courses to build your skills prior to taking them. The sequence of courses follows.

Math: ICS 081 > MAT 092 > MAT 1097 > MAT 188 > MAT 189 > MAT 220

Reading: ICS 079 > REA 081 > REA 091

Writing: ICS 079 > WRT 090 > WRT 101 (or WRT 101S can replace both WRT 090 and WRT 101)

### Semester Pathway

This pathway is a suggested sequence of courses for full-time students. Part-time students or those with specific interests or transfer needs are encouraged to work with an advisor to develop a unique academic map.

**General Education Note:** When General Education (Gen. Ed.) credits are listed below, select from the appropriate General Education course list linked from the program website. Some programs recommend specific courses.

For this pathway, select Gen. Ed. course(s) to fulfill the I, C and G requirements.

#### Semester 1 (Semester Total: 17 credits)

**BIO 182IN:** General Biology II (4 credits)

**CHM 151IN:** General Chemistry I (4 credits)

**MAT 220:** Calculus I (5 credits)

**STU 100:** College Study Skills (1 credit)

or **STU 107:** University Transfer Preparation (1 credit)

**WRT 101:** English Composition I (3 credits)

#### Semester 2 (Semester Total: 15 credits)

**BIO 181IN:** General Biology I (4 credits)

**CHM 152IN:** General Chemistry II I (4 credits)

**MAT 231:** Calculus II I (4 credits)

or **MAT 167:** Introductory Statistics (3 credits)

**WRT 102:** English Composition II (3 credits)

**Semester 3 (Semester Total: 14 credits)**

**CHM 235IN:** General Organic Chemistry I (4 credits)

**PHY 121IN:** Introductory Physics I (4 credits)  
or **Second Language:** 101-level language course (4 credits)

**Gen. Ed.:** AGEC Social & Behavioral Sciences List (3 credits)

**Gen. Ed.:** AGEC Fine Arts List (3 credits)

**Semester 4 (Semester Total: 16 credits)**

**CHM 236IN:** General Organic Chemistry II (4 credits)

**PHY 122IN:** Introductory Physics II (4 credits)  
or **Second Language:** 102-level language course (4 credits)

**STU 210:** Transfer Strategies (2 credits)

**Gen. Ed.:** AGEC Social & Behavioral Sciences List (3 credits)

**Gen. Ed.:** AGEC Humanities List (3 credits)

**PROGRAM TOTAL: 62 credits**

Program/Major/Concentration Codes: **AOSASI/ASI1/ASIB**

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**Find more information about this program at:**  
[www.pima.edu/biology-as](http://www.pima.edu/biology-as)