# General Science A.S. Degree - pre-nursing

FULL TIME

This program roadmap represents one possible pathway to complete the program. **Please see a counselor** to create an education plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability.

**Catalog:** 2026-27

**GE Pattern:** local AA/AS

**Total Units:** 61.25

## First Year

### Semester 1

13 Units

| CAT. | COURSE | UNIT | PREREQUISITES | GE AREA |
|---|---|---|---|---|
| GE | STAT C1000<br>Introduction to Probability and Statistics **or**<br>STAT C1000H[H]<br>Introduction to Probability and Statistics - Honors | 4<br><br>4 | | L2 |
| GE | ENGL C1000<br>College Composition **or**<br>ENGL C1000H[H]<br>Honors College Composition | 3<br><br>3 | | L1A |
| GE | NUTRI 300<br>Nutrition | 3 | | L7B |
| Elec | any elective course | 3 | | |

### Semester 2

12.25 Units

| CAT. | COURSE | UNIT | PREREQUISITES | GE AREA |
|---|---|---|---|---|
| RE | CHEM 305<br>Introduction to Chemistry | 5 | | L5 |
| RC | CHEM 83<br>Strategies for Problem Solving in General, Organic and Biological Chemistry | 0.75 | | |
| RC | GENSCI 90<br>Science Skills and Strategies I | 0.5 | | |
| RC | AH 311<br>Medical Language for Health-Care Providers | 3 | | |
| GE | COMM C1000<br>Introduction to Public Speaking | 3 | | L1B |

## Second Year

### Semester 3

11 Units

## TRANSFER PATH

### Potential Transfer Majors:

The courses in this roadmap prepare students to apply for the Registered Nursing program at ARC. Other programs may have different requirements.

### Advising Notes:

- This degree can be completed using either the local AA/AS general education (GE) pattern or the Cal-GETC transfer GE pattern. See a counselor to determine which pattern is best for you based on your academic goals.
- This map is designed for students who are able to take 12 units or more each semester, which is considered a full-time load. It shows one possible way to finish the program as quickly as possible. See a counselor to adjust the coursework to meet your specific needs.
- Students can substitute ESLW 340 for ENGL C1000/C1000H (formerly known as ENGWR 300/480).
- **Elective Courses:** any elective courses numbered 100-499, or having a 4-digit number starting with C.
- Students are advised to take only one lab science class per semester, to maximize their likelihood of success.
- Students are advised to not take a lab science class over the

| CAT. | COURSE | UNIT | PREREQUISITES | GE AREA |
|---|---|---|---|---|
| RE | BIOL 430<br>Anatomy and Physiology | 5 | (see below) | |
| GE | ANTH 310<br>Cultural Anthropology **or**<br>ANTH 481[H]<br>Honors Cultural Anthropology | 3<br><br>3 | | L4 |
| GE | any Area L3 (Arts & Humanities) course | 3 | | L3 |

**BIOL 430 prerequisite:** CHEM 305, 309, or 400

### Semester 4

12 Units

| CAT. | COURSE | UNIT | PREREQUISITES | GE AREA |
|---|---|---|---|---|
| RE | BIOL 431<br>Anatomy and Physiology | 5 | BIOL 430 | |
| RC | PSYC C1000<br>General Principles **or**<br>PSYC C1000H[H]<br>Honors General Principles | 3<br><br>3 | | |
| GE | any Area L6 (Ethnic Studies) course | 3 | | L6 |
| GE | any Area L7A (Physical Education) course | 1 | | L7A |

## Third Year

### Semester 5

13 Units

| CAT. | COURSE | UNIT | PREREQUISITES | GE AREA |
|---|---|---|---|---|
| RE | BIOL 442<br>General Microbiology and Public Health | 5 | (see below) | |
| Elec | any elective course | 3 | | |
| Elec | any elective course | 3 | | |
| Elec | any elective course | 2 | | |

**BIOL 442 prerequisite:** CHEM 305, and: BIOL 300, C1000, 310 or 431

[H] honors courses

| EXPLANATION OF CATEGORIES | | |
|---|---|---|
| GE | General Education | A course that fulfills a specific general education requirement for a degree, which can be replaced with another course that meets the same requirement |

summer, to maximize their likelihood of success.

- For students preparing for programs that do not require AH 311, BIOL 102 may be substituted to increase the likelihood of success in BIOL 430 and 431.
- CHEM 83 and GENSCI 90 are not degree applicable, but they help students maximize the likelihood of success. Their units do not count toward the 60 units needed for this degree.
- COMM C1000 is part of the Registered Nursing degree, but can be taken prior to enrolling in the program.
- ANTH 310/481 or SOC 300/480 is also part of the Registered Nursing degree, but can be taken prior to enrolling in the program.

### Other Notes:

To enroll in the Registered Nursing program at ARC, students must have a minimum cumulative GPA of 3.0 in the following prerequisite courses, passing each course with a "C" or better:

- BIOL 430
- BIOL 431
- BIOL 440 or 442

Students must also have a minimum cumulative GPA of 2.5 in the following prerequisite courses, passing each course with a "C" or better:

- ENGL C1000/C1000H or ESLW 340
- NUTRI 300
- PSYC C1000/C1000H

The Registered Nursing program at ARC has eligibility requirements and a selection process. See the college website for more information.

| EXPLANATION OF CATEGORIES | | |
|---|---|---|
| Elec | Degree Elective | A degree-applicable course that is part of a degree roadmap to ensure that there is a total of at least 60 units, which is a requirement for an associate degree |
| RE | Restricted Elective | A course selected from a list of elective courses specified for this program in the course list in the catalog, which can be replaced with another course from the same list |
| RC | Recommended Course | A course that is not part of this program but is included in its roadmap |

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