



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

## First Year

### Semester 1

15.5 Units

CAT.	COURSE	UNIT	PREREQUISITES	GE AREA
GE	STAT C1000 Introduction to Probability and Statistics <b>or</b>	4		L2
	STAT C1000H <sup>H</sup> Introduction to Probability and Statistics - Honors	4		
RE	CHEM 305 Introduction to Chemistry	5		L5
RC	GENSCI 90 Science Skills and Strategies I	0.5		
GE	any Area L7A (Physical Education) course	1		L7A
GE	any Area L7B (Life Development Skills) course	2		L7B
Elec	any elective course	3		

### Semester 2

14.5 Units

CAT.	COURSE	UNIT	PREREQUISITES	GE AREA
RE	BIOL 430 Anatomy and Physiology	5	(see below)	
RC	GENSCI 91 Science Skills and Strategies II	0.5		
GE	ENGL C1000 College Composition <b>or</b>	3		L1A
	ENGL C1000H <sup>H</sup> Honors College Composition	3		
GE	any Area L6 (Ethnic Studies) course	3		L6
Elec	any elective course	3		

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

## TRANSFER PATH

### Potential Transfer Majors:

The courses in this roadmap prepare students to apply for the Respiratory Care program at ARC.

### 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.
- 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 summer, to maximize their likelihood of success.
- GENSCI 90 and 91 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.

### Other Notes:

## Second Year

### Semester 3

15 Units

CAT.	COURSE	UNIT	PREREQUISITES	GE AREA
RE	BIOL 431 Anatomy and Physiology	5	BIOL 430	
GE	any Area LIB (Oral Communication & Critical Thinking) course	3		LIB
GE	any Area I (Humanities) course any Area L3 (Arts & Humanities) course	3		L3
Elec	any elective course	3		
Elec	any elective course	1		

### Semester 4

16 Units

CAT.	COURSE	UNIT	PREREQUISITES	GE AREA
RE	BIOL 440 General Microbiology	4	(see below)	
RC	AH 311 Medical Language for Health-Care Providers	3		
GE	any Area L4 (Social & Behavioral Sciences) course	3		L4
Elec	any elective course	3		
Elec	any elective course	3		

**BIOL 440 prerequisite:** CHEM 305, 309, or 400

<sup>H</sup> honors courses

- The Respiratory Care program currently accepts students once per year for the spring semester, which begins in January. The deadline to submit an application is the second Friday in October.
- To apply to the Respiratory Care program at ARC, students must have a cumulative college GPA of 2.0 and a cumulative GPA of 2.5 in the following prerequisite courses, passing each course with a “C” or better: AH 311, BIOL 430, BIOL 431, BIOL 440 or 442.
- It is highly recommended that students complete all of their general education coursework prior to enrolling in the Respiratory Care program.

#### 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
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
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