



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: 2024-25

GE Pattern: local AA/AS

Total Units: 77

Start Term: Spring

## Prior to Enrolling in the Program

### Prerequisite Courses

18 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Req	AH 311	Medical Language for Health-Care Providers	3	
Req	BIOL 430	Anatomy and Physiology	5	IV
Req	BIOL 431	Anatomy and Physiology	5	
RE	BIOL 442 <sup>1</sup>	General Microbiology and Public Health	5	

<sup>1</sup> or BIOL 440

The biology courses listed above have prerequisites. See a counselor.

This program has eligibility requirements and a selection process. Detailed information about the program and pre-enrollment applications may be found in the college catalog and on the college website.

## CAREER PATH

### Career Options:

This degree prepares students for licensure as a Respiratory Care Practitioner in the state of California, at the Advanced Registered Respiratory Therapist level.

Career opportunities include positions in hospitals, physician's offices, home health care services, and medical supply companies.

### Advising Notes:

- Students can substitute ESLW 340 for ENGWR 300/480.
- It is highly recommended that students complete all of their general education coursework prior to enrolling in the program.

### Scheduling Notes:

- RC 110, 111, 130, 131, and 132 are offered in the spring.
- RC 123 is offered in the summer.
- RC 121, 122, 124, 140, and 142 are offered in the fall.

### Other Notes:

- Students must have a high school diploma, GED, CHSPE or higher to enter the program. Information about the program and pre-enrollment applications may be found in the college catalog.
- The Respiratory Care program currently accepts students once per year for the spring semester, which begins in January. The deadline to

## First Year

### Semester 1 (Spring)

14 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Req	RC 110	Cardiopulmonary Pathologies for Respiratory Care	4	
Req	RC 111	Principles of Respiratory Care	7	
RE	PSYC 390	Psychology of Death and Dying	3	IIIb

### Semester 2 (Summer)

3 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Req	RC 123	Clinical Externship I	3	

### Semester 3 (Fall)

11 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Req	RC 121	Concepts of Airway Care & Mechanical Ventilation	4	
Req	RC 122	Airway Care & Mechanical Ventilation Laboratory	1	
Req	RC 124	Respiratory Care Pharmacology	3	
GE	ENGWR 300 / 480 <sup>H</sup>	College Composition	3	Ila <b>WC</b>

## Second Year

### Semester 4 (Spring)

**13 Units**

CAT.	COURSE	TITLE	UNIT	GE AREA
Req	RC 130	Respiratory Care in Neonatal and Pediatric Populations & Diagnostic Studies	3	
Req	RC 131	Respiratory Care in Neonatal and Pediatric Populations & Diagnostic Studies Laboratory	1	
Req	RC 132	Clinical Externship II	6	
GE	MATH 300	Introduction to Mathematical Ideas	3	IIb <span style="background-color: #ccc; border: 1px solid #000; border-radius: 50%; padding: 2px;">MC</span>

### Semester 5 (Summer)

**6 Units**

CAT.	COURSE	TITLE	UNIT	GE AREA
GE	ANTH 310 / 481 <sup>H</sup>	Cultural Anthropology	3	Vb, VI
GE	POLS 301 / 481 <sup>H</sup>	Introduction to Government: United States	3	Va

### Semester 6 (Fall)

**12 Units**

CAT.	COURSE	TITLE	UNIT	GE AREA
Req	RC 140	Professional Development in Respiratory Care	2	
Req	RC 142	Clinical Externship III	6	
GE	PHIL 300	Introduction to Philosophy	3	I
GE		any PE activity course	1	IIIa

<sup>H</sup> honors courses

submit an application is the second Friday in October.

- To enroll in this program, 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 110, BIOL 430, BIOL 431, BIOL 440 or 442.

#### EXPLANATION OF CATEGORIES

Req	Required Core	A course that is required for this program
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
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

### Graduation Requirement

A course that fulfills a specific graduation requirement which can be replaced by another course that meets the same graduation requirement.

MC = Math Competency

WC = Writing Competency