



General Science A.S. Degree - pre-nursing

PART 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: 2024-25

GE Pattern: local AA/AS

Total Units: 61.25

First Year

Semester 1

9 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
GE	ENGWR 300 / 480 ^H	College Composition	3	Ila WC
GE	NUTRI 300	Nutrition	3	IIIb
GE	ANTH 310 / 481 ^H	Cultural Anthropology	3	VI

Semester 2

7 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
GE	STAT 300 / 480 ^H	Introduction to Probability and Statistics	4	IIb MC
Elec	AH 311	Medical Language for Health-Care Providers	3	

Second Year

Semester 3

6.75 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
RE	CHEM 309	Integrated General, Organic, and Biological Chemistry	5	IV
RC	CHEM 83	Strategies for Problem Solving in General, Organic and Biological Chemistry	0.75	
Elec	HCD 330	Life and Career Planning	1	

Semester 4

5.5 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
RE	BIOL 430	Anatomy and Physiology	5	
RC	GENSCI 90	Science Skills and Strategies I	0.5	

Third Year

Semester 5

6 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
RE	BIOL 431	Anatomy and Physiology	5	
GE		any PE activity course	1	IIIa

Semester 6

8 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:

- Students can substitute ESLW 340 for ENGWR 300/480.
- 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.
- BIOL 430 has a prerequisite of CHEM 305, 309, or 400. BIOL 442 has a prerequisite of CHEM 306, 309, or 400. CHEM 309 is recommended because it is more relevant to students going into allied health fields and it increases the likelihood of success in BIOL 442.
- 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 301 is part of the Registered Nursing degree, but can be taken prior to enrolling in the program.

CAT.	COURSE	TITLE	UNIT	GE AREA
RE	BIOL 442	General Microbiology and Public Health	5	
GE	HIST 311 / 484 ^H	History of the United States (1865 - Present)	3	Va

Fourth Year

Semester 7

9 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
GE	HUM 310	Modern Humanities	3	I
GE	PSYC 300 / 480 ^H	General Principles	3	Vb
Elec	PHYS 310	Conceptual Physics	3	

Semester 8

10 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Elec	SPAN 401	Elementary Spanish I	4	
Elec	COMM 301	Introduction to Public Speaking	3	
Elec	PSYC 370	Human Development: A Life Span	3	

^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
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

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

- 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:

- ENGWR 300 or 480
- NUTRI 300
- PSYC 300 or 480

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