Biology: Pre-Nursing Option A.S. Degree - CalGETC

This degree is designed for students intending to apply to Associates Degree in Nursing (ADN) programs or transfer to a nursing program at a 4-year college or university. It does not prepare the student for immediate employment as a nurse. Students earning a nursing degree will need to complete several lower-division nursing classes after transferring.

Total Units: 61

First Year

Semester 1

14 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
CHEM 305 Introduction to Chemistry	5		F, S, Su	Cal-GETC Area 5A & 5C
NUTRI 300 Nutrition	3		F (O), S(O), Su(O)	
CalGETC Area 1A-English Composition	3	Recommend meeting with a counselor	F, S, Su	Cal-GETC Area 1A
CalGETC Area 2-Math & Quantitative Reasoning [1]	3	Recommend meeting with a counselor	F, S, Su	Cal-GETC Area 2

[1] Suggestion-STAT C1000E: Introduction to Statistics

Semester 2

14 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
BIOL 430 [1] Anatomy and Physiology	5	CHEM 305, 309 or 400	F, S	Cal-GETC Area 5B & 5C
PSYC C1000 General Principles	3	Advisory: ENGL C1000, ENGL C1000H, or ESLW 340; and LIBR 318	F(O), S(O)	Cal-GETC Area 4

Career Options/Outlook:

A registered nurse assesses patient health problems and needs, develop and implements nursing care plans, and maintains medical records; administers nursing care to ill, injured, convalescent, or disabled patients; may advise patients on health maintenance and disease prevention or provide case management; consult and coordinate with healthcare team members to assess, plan, implement, or evaluate patient care plans. Licensing or registration is required. **Career opportunities require more than an associate degree.**

A sample of reported job titles:

Charge Nurse, Director of Nursing (DON), Emergency Department RN (Emergency Department Registered Nurse), Oncology RN (Oncology Registered Nurse), Operating Room Registered Nurse (OR RN), Public Health Nurse (PHN), Registered Nurse (RN), School Nurse, Staff Nurse, Staff RN (Staff Registered Nurse)

Projected job openings in

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
Local Area 1B-Critical Thinking & Composition	3		F, S, Su	Cal-GETC Area 1B
CalGETC Area 3B-Humanities	3		F, S, Su	Cal-GETC Area 3B

[1] Recommended to not take BIOL 430 and BIOL 440 at the same time

Year 2

Semester 3

17 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
BIOL 431 Anatomy and Physiology	5	BIOL 430	F, S	Cal-GETC Area 5B & 5C
FCS 324 Human Development: A Life Span	3		F(O), S(O), Su(O)	
CalGETC Area 3A-Arts	3		F, S, Su	Cal-GETC Area 3A
Elective[1]	3		F, S, Su	
Elective[1]	3		F, S, Su	

[1] Units required are determined by the number of units needed to total 60 units for graduation. See side note for suggestions. Refer to Course Number for the appropriate course level necessary for the degree.

Semester 4

16 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
BIOL 440[1] General Microbiology	4	CHEM 305, 309, or 400	F, S, Su	Cal-GETC Area 5B & 5C
CalGETC Area 1C-Oral Communication	3		F, S, Su	Cal-GETC Area 1C
CalGETC Area 4-Social & Behavioral Sciences	3		F, S, Su	Cal-GETC Area 4

California (2020-2030):

21,200

Projected growth in California (2020-2030):

11% growth

Median Salary in California (2021):

$125,340/yr

Source:

https://www.onetonline.org/link/summary/29-1141.00

Honors option:

The CRC Honors Program is designed specifically for academically accomplished students and for students with the potential for high achievement. Students who complete 15 units or more in honors-designated courses will earn special recognition as an Honors Scholar, a distinction that may entitle the student to guaranteed transfer and scholarship opportunities at select transfer colleges and universities.

Transfer notes:

Individual nursing programs may have specific prerequisite requirements. Please meet with a counselor for specific transfer course evaluation or transferring to a specific 4-year institution.

General Education (GE):

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
CalGETC Area 6-Ethnic Studies	3		F, S, Su	Cal-GETC Area 6
Elective[2]	3		F, S, Su	

^You must have passed the prerequisite course(s) with a “C” or better; Corequisite must be taken during the same semester; Advisory means it is recommended but not required to enroll in the course.

*(O) = online available (P) = partially online

[1] Recommended to not take BIOL 430 and BIOL 440 at the same time

[2] Units required are determined by the number of units needed to total 60 units for graduation. See side note for suggestions. Refer to Course Number for the appropriate course level necessary for the degree.

Non-specified GE courses identified by CRC or Cal-GETC Area without pre- or co-requisites can be taken at any semester.

About this map:

This program map 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 map is not a guarantee of course availability or financial aid applicability.

Zero Textbook Costs (ZTC):

The Zero Textbook Costs designation and logo are added to any course that provides free access to all required instructional materials. These are typically shared with students through Canvas. Courses that are designated as ZTC may still require students to purchase supplemental materials such as lab coats, a calculator, art supplies, etc. See full definitions and searching tips on the Zero Textbook Costs page of the college website.

Catalog Year: 2026-2027
Published August 25, 2026

Counselor Contact: Ray Mapeso or Anna Davtian | Faculty Contact: Eric Neff