



Biology: Pre-Nursing Option A.S. Degree

This degree is designed for students intending to 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: 56-61

First Year

Semester 1

14-15 Units

COURSE	UNITS	PRE-REQS [^]	SEMESTERS OFFERED*	GE AREA
CHEM 305 ^Z Introduction to Chemistry	5	Elementary Algebra or higher	F, S, Su	CRC Area IV
NUTRI 300 ^Z Nutrition	3		F (O), S(O), Su(O)	CRC Area III(b)
CRC Area II(a)-Writing Competency ^Z	3	Recommend meeting with a counselor	F, S, Su	CRC Area II(a)
CRC Area II(b)-Math Competency ¹ ^Z	3-4	Recommend meeting with a counselor	F, S, Su	CRC Area II(b)

^Z At least one section of this course is offered with free textbooks and is labeled as zero textbook costs (ZTC). If it is a GE area class or elective, there may be several ZTC offerings to fulfill the GE requirement. Use the Free Textbook filter to find these courses. Learn more on the [ZTC page of the college website](#).

¹ Suggestion-STAT 300 Intro to Probability & Statistics (4 units), Pre-req: MATH 120, 125 or STAT 100; F, S, Su

Semester 2

14 Units

COURSE	UNITS	PRE-REQS [^]	SEMESTERS OFFERED*	GE AREA
BIOL 430 ^Z Anatomy and Physiology	5	CHEM 305, 309 or 400	F, S	CRC Area IV
PSYC 300 ^Z General Principles	3	Advisory: ENGRD 310, ENGRD 312, ENGWR 300, or equivalent	F(O), S(O)	CRC Area V(b)
CRC Area I-Humanities ^Z	3		F, S, Su	CRC Area I
Elective ¹	3		F, S, Su	

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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 California (2020-2030):

21,200

Projected growth in California (2020-2030):

11% growth

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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.

Year 2

Semester 3

15-17 Units

COURSE	UNITS	PRE-REQS [^]	SEMESTERS OFFERED*	GE AREA
BIOL 431 ^Z Anatomy and Physiology	5	BIOL 430	F, S	
FCS 324 ^Z Human Development: A Life Span	3		F(O), S(O), Su(O)	CRC Area III(b)
CRC Area V(a)-American Institutions ^Z	3		F, S, Su	CRC Area V(a)
CRC Area III(a)-Physical Edu Activity ^Z	1-2		F, S, Su	CRC Area III(a)
Elective ¹	3-4		F, S, Su	

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Semester 4

13-15 Units

COURSE	UNITS	PRE-REQS [^]	SEMESTERS OFFERED*	GE AREA
BIOL 440 ^Z General Microbiology	4	CHEM 305, 309, or 400	F, S, Su	CRC Area IV
CRC Area VI-Ethnic/Multicultural Studies ^Z	3		F, S, Su	CRC Area VI
Elective ¹	3		F, S, Su	
Elective ¹	3		F, S, Su	
Elective ¹	0-2		F, S, Su	

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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):

Non-specified GE courses identified by CRC Area, CSU Area or IGETC Area without pre- or co-requisite can be taken at any semester.

Suggestion for Electives:

COMM 301 Intro to Public Speaking, 311 Argumentation & Debate, 315 Persuasion, 331 Group Discussion, 361 The Communication Experience, or

ENGWR 301 College Composition & Literature, 302 Advanced Composition & Critical Thinking, or

PHIL 300 Intro to Philosophy, 320 Logic & Critical Reasoning, 325 Symbolic Logic, or

^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

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SOC 305 Critical Thinking in the Social Sciences

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: 2023-2024
Published May 15, 2023

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