

Registered Nursing Program

The Registered Nursing Program at Solano Community College is a two-year Associate Degree Program fully approved by the State Board of Registered Nursing and is subject to its regulations regarding the education and training of nurses. Successful completion of the program, Solano College general education and A.S. degree qualify the student to take the National Council Licensing Examination (NCLEX) to become licensed as a Registered Nurse. The practice of nursing requires knowledge of the biological, behavioral, and physical sciences, as well as knowledge of, and the ability to speak, to read, and write the English language fluently. This program follows the policy of non-discrimination set forth by the Governing Board of Solano College.

Prerequisites

To be eligible to apply to the Registered Nursing Program, students must have completed the following four prerequisites. See www.solano.edu for the most up to date information about the RN application timelines.

Please note that these courses also have prerequisites/recommendations (see below):

Engl 001	Composition	3 units <i>(Please refer to the Assessment Center for English placement)</i>
Bio 004*	Anatomy	4 semester unit minimum <i>(with lab)</i>
Bio 005*	Physiology	4 semester unit minimum <i>(with lab)</i>
Bio 014*	Microbiology	4 semester unit minimum <i>(with lab)</i>

You must achieve a composite score of 73 or above to qualify for the waiting list. Composite score is determined by a combination of: a) overall college GPA, b) English 1 grade, c) core Biology (Anatomy, Physiology & Microbiology) GPA, and d) core Biology course repetitions. All courses taken toward the RN Degree must be completed with a grade of "C" or better.

Note: Grades of A or B are recommended for the four prerequisites for RN program application: English 001, Anatomy, Physiology, and Microbiology. The composite score is severely lowered by any repeat of Anatomy, Physiology or Microbiology with a W, D, or F.

***Online courses not accepted for BIO 004, 005 or 014**

Recommendations/Prerequisites for Anatomy, Physiology and Microbiology; students need to provide a transcript for proof of prerequisite completion (*unofficial is ok*).

**Strongly Recommended
before Anatomy:**

Proficiency in reading and writing English *plus* eligibility for Elementary Algebra *plus* the following courses:

Medical Terminology NURS 111

College-Level Reading
ENGL 062 *or*
95 or higher CPT Score *or*
previous Degree *or*
SAT 500+, ACT 23+

College Study Techniques COUN 007

Human Biology-BIO 016



BIO 004 (Anatomy) *(formerly BIO 006)*
BIO 004 and CHEM 010 or CHEM 051
are **required** before Physiology.

Highly Recommended: Take Anatomy the semester right before Physiology.



Required Prerequisites for Physiology and Microbiology
If you have completed these prerequisites in high school or college see a Counselor or Admissions & Records for prerequisite clearance.

Arithmetic-MATH 310 *or* BUS 181 *or*
One year high school Math with a "C" or better.

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Pre-Algebra-MATH 320 *or*
One year high school Pre-algebra with a "C" or better.

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Elementary Algebra-MATH 330 (or 330A and 330B)
(formerly MATH 102) *or*
One year high school Algebra 1 with a "C" or better.

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Intermediate Algebra-MATH 104 *or*
One year HS Algebra 2 with a "C" or better.
(Recommended for BSN Students for Statistics Prerequisite)

OR

Math for Health Occupations-MATH 114
(If not planning transfer or BSN)

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Introductory Chemistry
CHEM 160 *or* one year HS Chem with a "C" or better.

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Intermediate Chemistry-CHEM 010 OR SCC CHEM 001

OR

Chem for the Health Sciences-CHEM 051
Please note: transferability of CHEM 051 may be limited.
See a Counselor or www.assist.org for more details.



PHYSIOLOGY BIO 005



MICROBIOLOGY BIO 014

NURSING MAJOR AND GENERAL EDUCATION REQUIREMENT CHECK SHEET

These are all the courses that should be taken prior to entering the Nursing Program. The Nursing Major Requirements (see left^) must be completed for a letter grade of "C" or better. The General Education must be completed with a "C" or better or "Pass" if the course is taken P/NP.

Physiology & Microbiology Prerequisites	Sem Units	Letter Grade	SCC General Education Requirements: <i>Can be fulfilled by SCC Opt A (shown below), the CSU GE, or the IGETC pattern. All GE patterns require a Cross-Cultural course.</i>	Sem Units	Letter Grade
High School Chemistry (two semester grades) or CHEM 160*					
CHEM 010* <i>or</i> CHEM 001* <i>or</i> CHEM 051*			*Natural Science <i>courses with an * complete this area</i>		
Chemistry is not required for the ADN but is a prerequisite for SCC Physiology & Microbiology			Social and Behavioral Science (Select One) AMST 001, AMST 002, HIST 017, HIST 018, HIST 028, HIST 029, HIST 037, IR 001, PLSC 001, PLSC 005, SOC 002		
^Nursing Major Requirements <i>Please note: Nursing major courses cannot be taken P/NP</i>					
ENGL 001			***Humanities Select a course with *** or select from "Area C" on "Opt A" General Ed Pattern		
BIO 004* (Anatomy) <i>(formerly BIO 006)</i>					
BIO 005* (Physiology)			****Reading Requirement ENGL 062 or 95 or higher on Reading Assessment or AA/AS Degree or higher or SAT 500+ or ACT 23+		
BIO 014* (Microbiology)					
CDFS 070 (Life-span) formerly HUDV070					
NUTR 010*			MATH 104 or MATH 114 or higher level math		
NURS 052 (Pharmacology) <i>Recommendation: Take within one year of entering the RN Program.</i>			**Cross-Cultural Studies Select **SOCS 022 or (Select One) ART 012, CINA 011, COUN 055, ENGL 012, ENGL 036, HIST 037, CDFS 053, HUMN 003, MUSC 013, PLSC 005, SOCS 022, THEA 013		
PSYC 001 (recommended, SCC requirement may change to PSYC 001) or SOCS 022**					
Complete <u>one</u> Communications course from this list:					
COMM 001 (recommended, SCC requirement may change to COMM 001, formerly SPCH001), 002, 006, 010, 060 or COMM 015*** formerly SPCH			Two Kinesiology (formerly PE) activity courses. HED002 or 003 may be substituted for one activity.		
			1. 2.		
ENGL 004, 005, 046, 047 ENGL 002***			*Please note: If you have a BA/BS Degree from a regionally accredited institution in the US or Canada, your General Education requirements are complete.		
ENGL 062****					
COUN 083			The following classes are recommended while on the SCC RN waitlist:		
PHIL 001, PHIL 003***, 004***, 005***			NURS 101 Preparation for Nursing MATH 114 Prep for Nurse 50A		
Foreign Language***			COUN 062 Helping Skills COUN 007 College Study Techniques <i>(if not previously taken)</i>		

*Courses can be double counted for Natural Science

**Social Science 22 can be double counted for Cross Cultural Studies

*** Nursing major Communications course can double count for Humanities

**** Meet Reading Requirement for Graduation