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 *(Please refer to the Assessment Center for English placement)*
- **Bio 004** Anatomy 4 semester unit minimum *(with lab)*
- **Bio 005** Physiology 4 semester unit minimum *(with lab)*
- **Bio 014** Microbiology 4 semester unit minimum *(with lab)*

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

**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.

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

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

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

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

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

**Intermediate Chemistry**
CHEM 010 OR SCC CHEM 001 or
CHEM 051

Please note: transferability of CHEM 051 may be limited.

See a Counselor or www.assist.org for more details.
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

<table>
<thead>
<tr>
<th></th>
<th>Sem Units</th>
<th>Letter Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>High School Chemistry (two semester grades) <strong>or CHEM 160</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 010* *<em>or CHEM 001</em> *<em>or CHEM 051</em></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Chemistry is not required for the ADN but is a prerequisite for SCC Physiology & Microbiology

**Nursing Major Requirements**

*Nursing major courses cannot be taken P/NP*

<table>
<thead>
<tr>
<th><strong>ENGL 001</strong></th>
<th><strong>Sem Units</strong></th>
<th><strong>Letter Grade</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BIO 004</strong> <em>(Anatomy)</em></td>
<td><strong>Sem Units</strong></td>
<td><strong>Letter Grade</strong></td>
</tr>
<tr>
<td><em>(formerly BIO 006)</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>BIO 005</strong> <em>(Physiology)</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>BIO 014</strong> <em>(Microbiology)</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CDFS 070</strong> <em>(Life-span) formerly HUDV070</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>NUTR 010</strong></td>
<td><strong>Sem Units</strong></td>
<td><strong>Letter Grade</strong></td>
</tr>
<tr>
<td><strong>NURS 052</strong> <em>(Pharmacology)</em> <em>Recommendation: Take within one year of entering the RN Program.</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PSYC 001</strong> *(recommended, SCC requirement may change to PSYC 001) <strong>or SOCS 022</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SCC General Education Requirements:**

*Can be fulfilled by SCC Opt A (shown below), the CSU GE, or the IGETC pattern. All GE patterns require a Cross-Cultural course.*

<table>
<thead>
<tr>
<th></th>
<th>Sem Units</th>
<th>Letter Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ENGL 062</strong>****</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>COUN 007</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>COUN 083</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CDFS 053</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PHIL 001, PHIL 003</strong>*, 004***, 005***</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Foreign Language</strong>*</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>COUN 062</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>COUN 007</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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.**

---

*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

8/15/2013