



SCHOOL OF NURSING

# Bachelor of Science in Nursing Prerequisite and Corequisite Courses



**IMPORTANT information to consider before you enroll in any science courses:**

1. The recommended science sequence for Sac State, Expressed Interest Nursing students is:
  - [BIO 10](#) Basic Biological Concepts (*A basic or introductory biology course is not a prerequisite for the nursing major—it is a prerequisite for BIO 39 Microbiology. An introductory biology lab is **not** required.*)
  - [CHEM 6A](#) Introduction to General Chemistry **OR** [CHEM 1A](#) General Chemistry I
  - [BIO 25](#) Human Anatomy and Physiology I
  - [BIO 26](#) Human Anatomy and Physiology II
  - [BIO 39](#) Microbiology for Allied Health Students
2. Are you considering any other majors? If you change your major in the future, which major would you choose? The Expressed Interest Nursing science sequence above will meet the requirements for most CSU and community college nursing programs, but these courses are not acceptable for Biological Sciences majors or [Pre-Health Professional](#) students considering medical, dental, pharmacy, veterinary, or optometry school;\_ and some other majors.
3. [CHEM 5](#) is an honors-level, accelerated course for nursing only—it is **not** accepted by any other majors. It is only recommended for students who satisfy the prerequisite requirements and those able to handle an accelerated format. The benefits—it is designed for the nursing profession.
4. If any major you are considering requires CHEM 6B, BIO 131 Systemic Physiology, or BIO 139 General Microbiology, **do not enroll in CHEM 5**. CHEM 5 Chemistry for Nurses is not an acceptable prerequisite course for these classes. CHEM 5 is an acceptable prerequisite for BIO 39 Microbiology for Allied Health Students **only**.
5. The science courses included in the table below are acceptable for the nursing major. We recommend you select courses which satisfy the requirements of the nursing major and a possible backup major. You do **not** need to be an Expressed Interest Nursing student to apply—we **accept applications from any major**.


Required Prerequisite Courses <i>A grade of C- or better is required.</i>	Acceptable Sacramento State Courses
<b>An oral communication course</b> (Any <a href="#">GE Area A1</a> course)	<a href="#">COMS 4</a> Introduction to Public Speaking <a href="#">COMS 5</a> The Communication Experience
<b>A written communication course</b> (Any <a href="#">GE Area A2</a> course)  <i>(Sac State students may substitute ENG 20 series grade if higher; may <u>not</u> be in progress. Sac State, Honors students may substitute HONR 3 grade; may <u>not</u> be in progress.)</i>	<a href="#">ENGL 5</a> Accelerated Academic Literacies ( <i>Note: Replaced ENGL 1A</i> ) <a href="#">ENGL 5M</a> Accelerated Academic Literacies – Multilingual ( <i>Note: Replaced ENGL 2</i> ) <a href="#">ENGL 11</a> Academic Literacies II ( <i>ENGL 10</i> ) <a href="#">ENGL 11M</a> Academic Literacies II Multilingual ( <i>ENGL 10M</i> ) <b>OR</b> ENGL1A or ENGL 2
<b>A critical thinking course</b> (Any <a href="#">GE Area A3</a> course)	<a href="#">ANTH 4</a> Language, Culture, and Critical Thinking <a href="#">COMS 2</a> Argumentation <a href="#">EDUC 10</a> or <a href="#">EDUC 10H</a> Critical Thinking and the Educated Person <a href="#">ENVS 11</a> Environmental Issues and Critical Thinking <a href="#">JOUR 50</a> Mass Media and Critical Thinking <a href="#">PHIL 4</a> Critical Thinking <a href="#">PHYS 30</a> Science and Pseudoscience <a href="#">SOC 8</a> Sense and Nonsense in Social Issues and Research

Required Prerequisite Courses, Con't. <i>A grade of C- or better is required.</i>	Acceptable Sacramento State Courses, Con't. <i>(Course prerequisite requirements.)</i>
A statistics course (Any <a href="#">GE Area B4</a> statistics course)	<p><a href="#">STAT 1</a> Introduction to Statistics (MATH 9 or three years of high school mathematics which includes two years of algebra and one year of geometry; completion of ELM requirement and the Intermediate Algebra Diagnostic Test.)</p> <p style="text-align: center;">OR</p> <p><a href="#">STAT 10A*</a> &amp; <a href="#">STAT 10B*</a> Introductory Statistics with Developmental Mathematics <i>*Grades will be averaged and weighted 3 Units.</i></p> <p style="text-align: center;">OR</p> <p><a href="#">STAT 50</a> Introduction to Probability and Statistics (MATH 26A, MATH 30, or appropriate high school based AP credit.) (<b>Note: Challenging, 4-Unit course with extensive prerequisites.</b>)</p>
Chemistry*	<p>Any college-level general OR inorganic OR organic OR integrated course (with associated lab if required at the institution where the course was taken; otherwise not required). An overview or preparatory course for college-level chemistry is not acceptable. Questions? <a href="#">Click here</a> for chemistry FAQs.</p> <p><b>Recommended courses:</b>  <a href="#">CHEM 6A</a> Introduction to General Chemistry OR  <a href="#">CHEM 1A</a> General Chemistry I</p>
Human anatomy*  AND  Human physiology*	<p><a href="#">BIO 25</a> Human Anatomy and Physiology I <b>AND</b>  <a href="#">BIO 26</a> Human Anatomy and Physiology II (BIO 25 or instructor permission.)</p> <p style="text-align: center;">OR</p> <p><a href="#">BIO 22</a> Introductory Human Anatomy (BIO 1, BIO 2, or BIO 10) <b>AND</b>  <a href="#">BIO 131</a> Systemic Physiology (<b>CHEM 1B or CHEM 6B</b> and BIO 1 or BIO 2 or BIO 10 or BIO 22.)</p>
Microbiology*	<p><a href="#">BIO 39</a> Microbiology for Allied Health Sciences (BIO 10; CHEM 5 or CHEM 6A or CHEM 6B or equivalent.)</p> <p style="text-align: center;">OR</p> <p><a href="#">BIO 139</a> General Microbiology (<b>BIO 184; CHEM 20 or CHEM 24</b>)</p>

\* In-class, virtual, or online labs are acceptable effective Fall 2018 (EO 1100).

Required Corequisite Courses <i>Recommend completion prior to admission to clinical major. A grade of C- or better is required.</i>	
Pharmacology	Good news Pharmacology has been integrated across the Nursing curriculum. Students applying for admission Spring 2014 forward <b>no longer need a separate, pharmacology course</b> . Pharmacology is recommended, but not required.
Life span human development	<a href="#">CHDV 30</a>
Nutrition	<a href="#">FACS 10</a>
Introductory psychology	<a href="#">PSYC 2</a> OR PSYC 1 OR PSYC 5
A societal-cultural patterns course such as:	<a href="#">SOC 1</a> <a href="#">ETHN 11</a> <sup>○</sup> <a href="#">ANTH 101</a> <sup>○</sup> UD (Area D) <a href="#">ETHN 100</a> <sup>○</sup>  UD (Area D) <a href="#">ANTH 2</a> <a href="#">ANTH 186</a> <sup>○</sup>  UD (Area D) <a href="#">HRS 161</a> <sup>○</sup> UD (Area C)

<sup>○</sup> Satisfies GE Race and Ethnicity requirement.

 Satisfies GE Writing Intensive requirement. (This requirement may be met through completion of **NURS 120 Nursing Application of Research and Critical Analysis**, a required course in second semester of the nursing major.)

<sup>UD</sup> Satisfies GE Upper Division GE.

**Articulation Information:**

Prerequisite and corequisite courses may be completed at any regionally accredited institution. For community college articulation information, please see [www.assist.org](http://www.assist.org). For courses not listed on ASSIST, please attend [BSN group advising session](#).

**Meets General Education requirements:**

- A1** COMS 4 or COMS 5
- A2** ENGL 5 or ENGL 5M (*or any GE Area A2 course*)
- A3** COMS 2 (*or any GE Area A3 course*)
- B1** CHEM 6A or CHEM 5 or CHEM 1A
- B2** BIO 10
- B3** CHEM 6A or CHEM 5 or CHEM 1A
- B4** STAT 1 (*or any GE Area B4 statistics course*)
- B5** (Substitution of anatomy or physiology or microbiology or equivalent course - for nursing majors only)
  
- C1**
- C2**
- D** PSYC 2 or PSYC 1 or PSYC 5; SOC 1 or ANTH 2
- E** CHDV 30 or FACS 10

**Foreign Language Graduation Requirement**

Students in the Traditional, Pre-Licensure BSN program **are not required to complete the Foreign Language Graduation Requirement**. Nursing students, who change to a different degree program without an exemption, will be required to complete this requirement to graduate.

**Information on Awarding Course Credit for Previous Education/Experience**

Military SB466 Compliance – [Policy](#)  
 Military Credit (SB 466) Documentation Form – [Credit Request Form](#)