

Nursing Science, B.S.

Nurse professionals are members of interdisciplinary teams who work with people of all ages, cultural backgrounds, and lifestyles to help them achieve the highest level of wellness possible. The Bachelor of Science degree program in Nursing Science prepares graduates to function as generalists in professional nursing practice and to collaborate with other health care providers in clinics, hospitals, and community health settings. The undergraduate curriculum is designed to provide theory and research-based clinical experiences that integrate critical thinking, compassion, and caring behaviors that build clinical expertise. Students who successfully complete the B.S. degree in Nursing Science are eligible to take the licensure examination to become a registered nurse.

Most of the courses required for the major require completion of prerequisites. The sample program shown is a preferred sequence that accounts for all prerequisites. Most required courses are offered in sequence and only once a year. Full-time enrollment is required.

All students interested in the Nursing Science major should be aware that they will be required to do the following: (1) meet the physical and mental requirements necessary to perform nursing practice functions as outlined in Chapter 6, Article 2, Item 2725 of the *Business and Professions Code of California*; (2) complete a criminal background check prior to entering the clinical portion of the major in the junior year as required by health care facilities in which students will have clinical experiences; (3) purchase uniforms and other required equipment such as stethoscopes; (4) have access to transportation for off-campus clinical experiences beginning in the junior year.

Meeting the UCI admission criteria does not guarantee admission into the major. The admission process is competitive due to limited enrollment.

Freshmen: Preference will be given to those who rank the highest using the selection criteria as stated in the Admissions section (<http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/>) of the *Catalogue*.

Transfer students: Admission to the major is limited and selective. Junior-level applicants with the highest grades overall and who satisfactorily complete course prerequisites will be given preference for admission to the Nursing Science major. The following list of prerequisites is required for transfer students applying for fall 2019 entry and beyond. All applicants must complete the following with grades of B or better: one year of general chemistry equivalent to UCI's CHEM 1A - CHEM 1B - CHEM 1C; one quarter/semester of organic chemistry equivalent to UCI's CHEM 51A; one quarter/semester of genetics equivalent to UCI's BIO SCI 97; one quarter/semester of biochemistry equivalent to UCI's BIO SCI 98; one quarter/semester of human physiology with laboratory equivalent to UCI's BIO SCI E109 and BIO SCI E112L; one quarter/semester of microbiology with laboratory equivalent to UCI's BIO SCI M122 and BIO SCI M118L; one quarter/semester of human anatomy with laboratory equivalent to UCI's BIO SCI D170; one quarter/semester of philosophy equivalent to UCI's PHILOS 4 or PHILOS 5; one quarter/semester of psychology equivalent to UCI's PSYCH 7A/PSCI 9; one quarter/semester of public health equivalent to UCI's PUBHLTH 1; one quarter/semester of sociology equivalent to UCI's SOCIOL 1; and one quarter/semester of statistics equivalent to UCI's STATS 7 or STATS 8. Applicants must have a cumulative GPA of 3.0 or higher to be considered.

Change of Major: Due to strict limits on the number of students who can be admitted to the program and rigid sequencing of much of the upper-division curriculum, change-of-major students need to apply in the month of November for winter quarter admission, at the earliest in sophomore year. Students should review the UCI Change of Major Criteria website (<http://www.changeofmajor.uci.edu/>) and the Sue and Bill Gross School of Nursing website (<http://www.nursing.uci.edu/>) for information regarding change of major admission requirements, application instructions, and selection criteria. Change-of-major students who are intending to apply to the Sue and Bill Gross School of Nursing should be aware that the School cannot waive course prerequisites for any School of Biological Sciences or School of Physical Sciences courses, prior to admission into the Nursing Science major. As such, change of major students must adhere to the course prerequisites that these Schools have established and have published in the course descriptions that appear in the *Catalogue*.

All major requirements must be passed with a C or better if taken at UCI. Students are required to take all lower- and upper-division science courses required for the major at UCI once they have matriculated at UCI. Non-science, lower-division courses required for the major that have been taken at another institution must be completed with a B or better. General education courses (not required for the major) taken at another institution must be completed with a C or better. All Nursing Science courses must be taken at UCI. Students must maintain a 2.75 GPA in their upper-division Nursing Science courses to remain in good standing. If Nursing Science students fail any courses required for the major, they should contact Student Affairs for the repeat policy. Students interested in studying abroad should contact Student Affairs.

All students must meet the University Requirements (<http://catalogue.uci.edu/informationforadmittedstudents/requirementsforabachelorsdegree/>).

Major Requirements

Complete the following courses:

BIO SCI 97	Genetics
BIO SCI 98	Biochemistry
BIO SCI D170	Applied Human Anatomy
BIO SCI E109	Human Physiology
BIO SCI E112L	Physiology Laboratory
BIO SCI M122	General Microbiology

BIO SCI M118L	Experimental Microbiology Laboratory
CHEM 1A- 1B- 1C	General Chemistry and General Chemistry and General Chemistry
CHEM 51A	Organic Chemistry
PHILOS 4 or PHILOS 5	Introduction to Ethics Contemporary Moral Problems
Select one of the following:	
PSCI 9	Introduction to Psychology
PSCI 11A	Psychology Fundamentals
PSCI 11B	Psychology Fundamentals
PSCI 11C	Psychology Fundamentals
PSYCH 7A	Introduction to Psychology
PSYCH 9A	Psychology Fundamentals
PSYCH 9B	Psychology Fundamentals
PSYCH 9C	Psychology Fundamentals
PSYCH 78A	Self-Identity and Society
Select one of the following:	
ANTHRO 2A	Introduction to Sociocultural Anthropology
ANTHRO 2D	Introduction to Language and Culture
ANTHRO 41A	Global Cultures and Society
SOC SCI 1A	Principles in the Social Sciences
SOCIOL 1	Introduction to Sociology
SOCIOL 2	Globalization and Transnational Sociology
SOCIOL 3	Social Problems
SOCIOL 31	Self-Identity and Society
SOCIOL 44	Births, Deaths, and Migration
SOCIOL 62	Families and Intimate Relations
Select one of the following:	
PSYCH 10A	Probability and Statistics in Psychology I
SOC SCI 10A	Probability and Statistics in Social Sciences I
SOCIOL 10A	Probability and Statistics
STATS 7	Basic Statistics
STATS 8	Introduction to Biological Statistics
Complete the following course:	
PUBHLTH 1	Principles of Public Health
Complete the following Nursing Science courses:	
NUR SCI 110W	Frameworks for Professional Nursing Practice
NUR SCI 112LA	Foundations of Professional Practice
NUR SCI 112LB	Foundations of Professional Practice
NUR SCI 114A	Applied Pharmacology I
NUR SCI 114B	Applied Pharmacology II
NUR SCI 116	Human Growth and Development through the Lifespan
NUR SCI 118A	Human Health and Disease I
NUR SCI 118B	Human Health and Disease II
NUR SCI 120	Adult Health Care
NUR SCI 125	Research Methods and Applications in Health Care
NUR SCI 130	Maternity and Women's Health Care
NUR SCI 132	Pediatrics: Care of Children and Families
NUR SCI 135	Older Adult Health Care
NUR SCI 140	Human Behavior and Mental Health Care

NUR SCI 150	Critical and Specialty Health Care
NUR SCI 160	Leadership and Management in Health Care
NUR SCI 170	Community-Based Health Care
NUR SCI 175L	Clinical Preceptorship
NUR SCI 179AW	Scholarly Concentration I
NUR SCI 179B	Scholarly Concentration II

NOTE: Double majors with Nursing Science, Pharmaceutical Sciences, Public Health Sciences, Biomedical Engineering: Premedical, or with any of the School of Biological Sciences majors are not permitted. Students majoring in Nursing Science may not minor in Biological Sciences.

Honors at graduation, e.g., *cum laude*, *magna cum laude*, *summa cum laude*, are awarded to approximately the top 16 percent of the graduating seniors. To be eligible for honors, a general criterion is that students must have completed at least 72 units in residence at a University of California campus. Other important factors are considered (see Honors Recognition (<http://catalogue.uci.edu/honors/>)).

Freshman

Fall	Winter	Spring
CHEM 1A	CHEM 1B	CHEM 1C
PSYCH 7A or PSCI 9	SOCIOL 1	WRITING 39C
PUBHLTH 1	WRITING 39B	General Education/ Elective
	General Education/ Elective	General Education/ Elective

Sophomore

Fall	Winter	Spring	Summer
BIO SCI 97	BIO SCI 98	BIO SCI D170	BIO SCI E112L
CHEM 51A	BIO SCI E109	BIO SCI M122	
PHILOS 4 or 5	STATS 7 or 8	BIO SCI M118L	
General Education/ Elective	General Education/ Elective		

Junior

Fall	Winter	Spring
NUR SCI 110W	NUR SCI 112LB	NUR SCI 120
NUR SCI 112LA	NUR SCI 114B	NUR SCI 140
NUR SCI 114A	NUR SCI 118B	
NUR SCI 116	NUR SCI 125	
NUR SCI 118A	NUR SCI 135	

Senior

Fall	Winter	Spring
NUR SCI 130	NUR SCI 150	NUR SCI 170
NUR SCI 132	NUR SCI 160	NUR SCI 175L
	NUR SCI 179AW	NUR SCI 179B