

Nursing Science undergraduate students at UC Irvine must complete all of the University, UCI, and Lower Division Major requirements listed below before the start of Fall Quarter of Year 3. Students with questions about course planning (including AP/IB/SAT scores, planning for a minor, and study abroad) should contact staff in the Nursing Science Student Affairs Office located on the 2<sup>nd</sup> Floor of Berk Hall or via email at [nssao@uci.edu](mailto:nssao@uci.edu)

## University and UCI Requirements

- Entry Level Writing Requirement
- American History & Institutions
- General Education (GE)\*

\*The Upper Division Writing Requirement in GE Category I is satisfied with required Nursing Science Upper Division coursework taken in Year 3 and Year 4.

## Nursing Science Major Requirements – Lower Division

### Lower Division: Sciences

#### Chemistry

- CHEM 1A: General Chemistry (4)
  - o **OR** AP Chemistry - Score 4 or 5
- CHEM 1B: General Chemistry (4)
- CHEM 1C: General Chemistry (4)
- CHEM 51A: Organic Chemistry (4)

#### Biological Sciences

- BIO SCI 97: Genetics (4)
- BIO SCI 98: Biochemistry (4)
- BIO SCI E109: Human Physiology (4)
- BIO SCI E112L: Physiology Laboratory (4)
- BIO SCI M122: General Microbiology (4)
- BIO SCI M118L: Experimental Microbiology Laboratory (5)
- BIO SCI D170: Applied Human Anatomy (6)  
*(Includes lab component)*

### Lower Division: Other Nursing Requirements

#### Philosophy

- One of the following options:
  - o PHILOS 4: Introduction to Ethics (4)
  - o PHILOS 5: Contemporary Moral Problems (4)

#### Psychology

- One of the following options:
  - o PSYCH 7A: Introduction to Psychology (4)
  - o PSYCH 9A: Psychology Fundamentals (4)
  - o PSYCH 9B: Psychology Fundamentals (4)
  - o PSYCH 9C: Psychology Fundamentals (4)
  - o PSYCH 78A\*\*: Self-Identity and Society (4)
  - o PSCI 9: Introduction to Psychology (4)
  - o PSCI 11A: Psychology Fundamentals (4)
  - o PSCI 11B: Psychology Fundamentals (4)
  - o PSCI 11C: Psychology Fundamentals (4)
  - o AP Psychology - Score 4 or 5
  - o IB Higher Level Psychology - Score 6 or 7

#### Public Health

- PUBHLTH 1: Principles of Public Health (4)

#### Sociology/Anthropology

- One of the following options:
  - o SOCIOL 1: Introduction to Sociology (4)
  - o SOCIOL 2: Globalization and Transnational Sociology (4)
  - o SOCIOL 3: Social Problems (4)
  - o SOCIOL 31\*\*: Self-Identity and Society (4)
  - o SOCIOL 44: Births, Deaths, and Migration (4)
  - o SOCIOL 62: Families and Intimate Relations (4)
  - o SOC SCI 1A: Principles in the Social Sciences (4)
  - o ANTHRO 2A: Introduction to Sociocultural Anthropology (4)
  - o ANTHRO 2D: Introduction to Language and Culture (4)
  - o ANTHRO 41A: Global Cultures and Society (4)

#### Statistics

- One of the following options:
  - o STATS 7: Basic Statistics (4)
  - o STATS 8: Introduction to Biological Statistics (4)
  - o SOCIOL 10A: Probability and Statistics (4)
  - o SOC SCI 10A: Probability and Statistics in Social Sciences I (4)
  - o PSYCH 10A: Probability and Statistics in Psychology I (4)
  - o AP Statistics - Score 3, 4, or 5

\*\*PSYCH 78A and SOCIOL 31 are cross-listed courses and can only be counted once for either the Psychology or Sociology/Anthropology requirement.

### Lower Division Coursework

The sample schedule below reflects the first and second year coursework of the Nursing Science Major. While some coursework may be taken at different times, the Biological Sciences (BIO SCI) and Chemistry (CHEM) courses must be taken in this sequence and they must be taken at UC Irvine.

#### First Year

Fall Quarter	<b>Chem 1A General Chemistry</b>	4
	Psychology Requirement	4
	Public Health 1	4
Winter Quarter	<b>Chem 1B General Chemistry</b>	4
	Sociology/Anthropology Requirement	4
	General Education	4
	General Education	4
Spring Quarter	<b>Chem 1C General Chemistry</b>	4
	General Education	4
	General Education	4
	General Education	4

#### Second Year

Fall Quarter	<b>Bio Sci 97 Genetics</b>	4
	<b>Chem 51A Organic Chemistry</b>	4
	Philosophy Requirement	4
	General Education	4
Winter Quarter	<b>Bio Sci 98 Biochemistry</b>	4
	Statistics Requirement	4
	<b>Bio Sci E109 Human Physiology</b>	4
	General Education	4
Spring Quarter	<b>Bio Sci D170 Applied Human Anatomy</b>	6
	<b>Bio Sci M122 Microbiology</b>	4
	<b>Bio Sci M118L Microbiology Lab</b> <i>(or student may take over summer)</i>	5
Summer Session	<b>Bio Sci E112L Human Physiology Lab</b>	4
	<b>Bio Sci M118L Microbiology Lab</b> <i>(if student did not complete in spring)</i>	5

NOTE: Nursing Science Majors have some prerequisites for certain BIO SCI courses waived. Students preparing to apply as change of major applicants should consult the UCI General Catalogue for current prerequisite requirements in their course planning.

### Upper Division Coursework

The schedule below reflects the third and fourth year coursework of the Nursing Science Major. All courses must be taken in this sequence at UC Irvine.

#### Third Year

Fall Quarter	Nur Sci 110W Frameworks for Professional Nursing Practice	5
	Nur Sci 112LA Foundations for Professional Practice	3
	Nur Sci 114A Applied Pharmacology I	2
	Nur Sci 118A Human Health and Disease I	2
	Nur Sci 116 Life-Span Developmental Psychology	4
Winter Quarter	Nur Sci 112LB Foundations for Professional Practice	4
	Nur Sci 125 Research Methods & Applications in Health Care	4
	Nur Sci 114B Applied Pharmacology II	2
	Nur Sci 118B Human Health and Disease II	2
	Nur Sci 135 Older Adult Health Care	2
Spring Quarter	Nur Sci 120 Adult Health Care	8
	Nur Sci 140 Human Behavior & Mental Health Care	7

#### Fourth Year

Fall Quarter	Nur Sci 130 Maternity and Women's Health Care	8
	Nur Sci 132 Pediatrics: Care of Children and Families	7
Winter Quarter	Nur Sci 150 Critical Care and Specialty Health Care	6
	Nur Sci 160 Leadership and Management in Health Care	4
	Nur Sci 179AW Scholarly Concentration I	2
Spring Quarter	Nur Sci 170 Community-Based Health Care	6
	Nur Sci 175L Clinical Preceptorship	6
	Nur Sci 179B Scholarly Concentration II	2