

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 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 (Year 1 and 2)

### Year 1 and 2: Sciences

#### Biological Sciences

- BIO SCI 93: From DNA to Organisms (4)
- BIO SCI 97: Genetics (4)
- BIO SCI M115: Allied Health Microbiology (5)  
*(Includes lab component)*
- BIO SCI D170: Applied Human Anatomy (5)  
*(Includes lab component)*

#### Chemistry

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

#### Nursing Science

- NUR SCI 50: Nutrition Across the Lifespan (4)
- NUR SCI 116: Life-Span Developmental Psychology (4)
- NUR SCI 125: Research Methods & Applications in Health Care (4)

#### Pharmaceutical Sciences

- PHRMSCI 120: Human Physiology (4)
- PHRMSCI 120L: Human Physiology Lab (2)

### Year 1 and 2: Other Nursing Requirements

#### Philosophy

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

#### Psychology

- One of the following options:
  - PSYCH 7A: Introduction to Psychology (4)
  - PSCI 9: Introduction to Psychology (4)
  - AP Psychology - Score 4 or 5
  - IB Higher Level Psychology - Score 6 or 7

#### Public Health

- PUBHLTH 1: Principles of Public Health (4)

#### Sociology/Anthropology

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

#### Statistics

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

### 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 bolded courses must be taken in this sequence and they must be taken at UC Irvine.

#### First Year

|                   |  |   |
|-------------------|--|---|
| Fall<br>Quarter   | <b>Chem 1A: General Chemistry</b>        | 4 |
|                   | <b>Bio Sci 93: From DNA to Organisms</b> | 4 |
|                   | Public Health 1                          | 4 |
|                   | General Education                        | 4 |
| Winter<br>Quarter | <b>Chem 1B: General Chemistry</b>        | 4 |
|                   | Sociology/Anthropology Requirement       | 4 |
|                   | General Education                        | 4 |
|                   | General Education                        | 4 |
| Spring<br>Quarter | <b>Chem 1C: General Chemistry</b>        | 4 |
|                   | Psychology Requirement*                  | 4 |
|                   | Statistics Requirement*                  | 4 |
|                   | General Education                        | 4 |

#### Second Year

|                   |  |   |
|-------------------|--|---|
| Fall<br>Quarter   | <b>Bio Sci 97: Genetics</b>  | 4 |
|                   | <b>Nur Sci 116: Life-Span Developmental Psychology</b>                 | 4 |
|                   | General Education  | 4 |
|                   | General Education  | 4 |
| Winter<br>Quarter | <b>Nur Sci 50: Nutrition Across the Lifespan</b>                       | 4 |
|                   | <b>Nur Sci 125: Research Methods &amp; Applications in Health Care</b> | 4 |
|                   | <b>Phrm Sci 120: Human Physiology (Lecture)</b>                        | 4 |
|                   | <b>Phrm Sci 120L: Human Physiology Lab</b>                             | 2 |
| Spring<br>Quarter | <b>Bio Sci D170: Applied Human Anatomy</b>                             | 5 |
|                   | <b>Bio Sci M115: Allied Health Microbiology</b>                        | 5 |
|                   | Philosophy Requirement   | 4 |
|                   | General Education  | 4 |

\*Students **must** complete the Nursing Psychology and Nursing Statistics requirement before Fall Quarter of their Second Year.

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<br>Quarter   | Nur Sci 108W: Frameworks for Professional Nursing Practice | 5 |
|                   | Nur Sci 109A: Physical Assessment                          | 4 |
|                   | Nur Sci 119: Pathophysiology                               | 4 |
| Winter<br>Quarter | Nur Sci 109B: Nursing Skills                               | 4 |
|                   | Nur Sci 117: Applied Pharmacology                          | 4 |
|                   | Nur Sci 121A: Medical Surgical Nursing I                   | 4 |
| Spring<br>Quarter | Nur Sci 121B: Medical Surgical Nursing II                  | 6 |
|                   | Nur Sci 101: Nursing Informatics                           | 2 |
|                   | Nur Sci 128: Human Behavior & Mental Health Care           | 7 |

#### Fourth Year

|                   |  |   |
|-------------------|--|---|
| Fall<br>Quarter   | Nur Sci 173: Maternity and Women's Health Care         | 7 |
|                   | Nur Sci 172: Pediatrics: Care of Children and Families | 6 |
| Winter<br>Quarter | Nur Sci 174: Critical Care and Specialty Health Care   | 6 |
|                   | Nur Sci 176: Leadership and Management in Health Care  | 4 |
|                   | Nur Sci 179AW Scholarly Concentration I                | 2 |
| Spring<br>Quarter | Nur Sci 171: Community-Based Health Care               | 6 |
|                   | Nur Sci 175: Clinical Preceptorship                    | 4 |
|                   | Nur Sci 179B Scholarly Concentration II                | 2 |