Articulation Agreement by Major
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====Accounting (Minor in)====

The Minor in Accounting

The Paul Merage School of Business faculty offers an undergraduate minor in Accounting consisting of seven upper-division courses. In addition, two lower-division introductory accounting courses, one lower-division microeconomics course, and one lower-division single variable calculus course are prerequisites to the minor program.

In establishing the undergraduate minor in Accounting, the faculty anticipated two types of students to be drawn to courses in accounting: 1) students preparing for careers in accounting or in other fields that require some knowledge of accounting, and 2) students planning to pursue a graduate degree in accounting who wish early guidance and undergraduate work appropriate to this career objective.

Preparation for Transfer at the Junior Level

Students are eligible to apply for the minor in Accounting if they have upper-division standing and have completed Management 30A and 30B with a grade no lower than B (3.0) and all other prerequisite courses with a grade no lower than C (2.0). Completion of the prerequisite courses does not guarantee admission to the minor in Accounting. Admission is on a competitive basis and students must submit an application, transcripts, and a statement of purpose. Applications are accepted on a quarterly basis. Interested students are encouraged to obtain further information from the Undergraduate Programs Office, SB2 Suite 202; http://www.merage.uci.edu/.

The following are prerequisites for enrolling in the upper-division undergraduate minor courses: Economics 20A, Mathematics 2A, Management 30A, and Management 30B.

Transfer students should check with their college counselor for established equivalencies for these prerequisite courses. Students not taking Management 30A and 30B at UCI during regular session or summer session must complete Management 131A with a minimum grade of B.

Note: Individual courses that students may select within the minor may require additional prerequisites. Students may not receive both the minor in Accounting and the minor in Management. Open to non-Merage School majors only.

Note: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.
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<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
<th>Equivalent</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 20A</td>
<td>Basic Economics I</td>
<td>4</td>
<td>ECO 8</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>MATH 2A</td>
<td>Single-Variable Calculus</td>
<td>4</td>
<td>MAT 1A</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MGMT 30A</td>
<td>Principles of Accounting I</td>
<td>4</td>
<td>ACC 1A</td>
<td>Principles of Accounting I</td>
</tr>
<tr>
<td>MGMT 30B</td>
<td>Principles of Accounting II</td>
<td>4</td>
<td>ACC 1B</td>
<td>Principles of Accounting II</td>
</tr>
</tbody>
</table>

END OF ACCOUNTING (Minor in)
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====Aerospace Engineering, B.S.====
Preference will be given to junior-level applicants with the highest grades overall who have satisfactorily completed the following major-preparation courses with a grade of C or better by the end of spring term prior to transfer.

- Both Single Variable Calculus I (C-ID MATH 210 or MATH 211)
  + Single Variable Calculus II (C-ID MATH 220 or MATH 221)
  or Single Variable Calculus Sequence (C-ID MATH 900S or 910S)
- Multivariable Calculus (C-ID MATH 230)
- Both Ordinary Differential Equations (C-ID MATH 240)
  + Introduction to Linear Algebra (C-ID MATH 250)
  or Differential Equations and Linear Algebra (C-ID MATH 910S)
- All 3 Calculus-Based Physics for Scientists and Engineers: A (C-ID PHYS 205)
  + Calculus-Based Physics for Scientists and Engineers: B (C-ID PHYS 210)
  + Calculus-Based Physics for Scientists and Engineers: C (C-ID PHYS 215)
  or Calculus-Based Physics for Scientists and Engineers: ABC (C-ID PHYS 200S)
- General Chemistry for Science Majors I, with Lab (C-ID CHEM 110)
  or General Chemistry for Science Majors Sequence A (C-ID CHEM 120S)
- Programming and Problem Solving in MATLAB (C-ID ENGR 220)
  or Introduction to Programming Concepts and Methodologies for Engineers (C-ID ENGR 120)

Students must have a cumulative GPA of 3.0 in required courses.
--------------------------------------------------------------------------------
The following courses are not required for transfer consideration, however the degree cannot be completed in two years without them:
- Statics (C-ID ENGR 130)
- Circuit Analysis (C-ID ENGR 260) + Circuit Analysis Lab (C-ID ENGR 260L)
- Materials Science and Engineering (C-ID ENGR 140)
  or Materials Science and Engineering (C-ID ENGR 140B)
--------------------------------------------------------------------------------
Additional courses listed will transfer and be used toward the degree but will not have a meaningful impact on the time to complete the degree. Students should not delay transfer in order to complete these courses.
--------------------------------------------------------------------------------
For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.
--------------------------------------------------------------------------------

<table>
<thead>
<tr>
<th>MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A  &amp;  Single-Variable Calculus (4)</td>
</tr>
<tr>
<td>MATH 2B  &amp;  Single-Variable Calculus (4)</td>
</tr>
<tr>
<td>MATH 2D  &amp;  Multivariable Calculus (4)</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
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</tr>
</thead>
</table>

MATH 2E    Multivariable Calculus (4)|MAT 1C Calculus III (4)

MATH 3A    Introduction to Linear Algebra (4)|MAT 3 Linear Algebra (3)

MATH 3D    Elementary Differential Equations (4)|MAT 2 Differential Equations (4)

| PHYSICS 7C & Classical Physics (4)|PHY 4A & Mechanics (4) |
| PHYSICS 7LC & Classical Physics Laboratory (1) |
| PHYSICS 7D & Classical Physics Laboratory (1) |PHY 4B & Electricity and Magnetism (4) |
| PHYSICS 7LD & Classical Physics Laboratory (1) |
| PHYSICS 7E Classical Physics (4)|PHY 4C Heat, Light and Waves (4) |

| ENGR 1A & General Chemistry for Engineers (4)|CHE 1A General Chemistry, I (5) |
| CHEM 1LE Accelerated General Chemistry Laboratory (3)|CHE 1AH Honors General Chemistry, I (5) |
| CHEM 1A General Chemistry (4) |
| CHEM 1LE Accelerated General Chemistry Laboratory (3) |

| ENGRMAE 10 Introduction to Engineering Computations (4)|CIS 17A Programming Concepts and Methodologies II: C++ (3) |

MAJOR PREPARATION COURSES NECESSARY TO GRADUATE IN 2 YEARS

| ENGR 54 Principles of Materials Science and Engineering (4) |
| ENGRMAE 60 Electric Circuits (4) |
| EECS 70A Network Analysis I (4) |

ADDITIONAL MAJOR REQUIREMENTS

| PHYSICS 52A Fundamentals of Experimental Physics (2)|PHY 4C Heat, Light and Waves (4) |
| ECON 20A Basic Economics I (4)|ECO 8 Principles of Microeconomics (3) |
| ECON 23 Basic Economics for Engineers (4) |
| ENGRMAE 30 Statics (4)|ENE 35 Statics (3) |

Same as: ENGR 30, ENGRCEE 30
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================================================================================
ENGRMAE 80  Dynamics  (4)|No course articulated  
Same as: ENGR 80, ENGRCEE 80 |
-------------------------------------------------------------------------------
ENGRMAE 91  Introduction to  (4)|No course articulated  
Thermodynamics |
-------------------------------------------------------------------------------
ADDITIONAL MAJOR ELECTIVES
-------------------------------------------------------------------------------
One additional approved science course | One course (or lecture/lab  
| combination) from the following:  
| AMY 10  Survey of Human Anatomy (3)  
|  & Physiology  
| ANT 1  Physical Anthropology (3)  
| BIO 1  General Biology (4)  
| BIO 2A  Invertebrate Zoology (5)  
| BIO 2B  Vertebrate Zoology (5)  
| BIO 3  Field Botany (4)  
| BIO 5  General Botany (4)  
| BIO 6  Introduction to Zoology (4)  
| BIO 7  Marine Biology (4)  
| BIO 8  Principles of Ecology (4)  
| BIO 9  Introduction to the (3)  
|  Natural History of  
|  Southern California  
| BIO 10  Life Science Principles (3)  
| BIO 17  Human Biology (4)  
| BIO 19  Environmental Science (3)  
| BIO 34  Human Genetics (3)  
| BIO 50A  Anatomy and Physiology (4)  
|  I  
| BIO 50B  Anatomy and Physiology (4)  
|  II  
| BIO 55  Microbiology (4)  
| BIO 60  Introduction to (5)  
|  Molecular and Cellular  
|  Biology  
| BIO 61  Introduction to (5)  
|  Organismal and  
|  Population Biology  
|  (Majors)  
| CHE 1A  General Chemistry, I (5)  
| CHE 1B  General Chemistry, II (5)  
| CHE 2A  Introductory Chemistry, (4)  
|  I  
| CHE 3  Fundamentals of (4)  
|  Chemistry  
| CHE 10  Chemistry for Everyone (3)  
| CHE 12A  Organic Chemistry, I (5)  
| CHE 12B  Organic Chemistry, II (5)  
| GEG 1  Physical Geography (3)  
| GEG 1L  Physical Geography (1)  
| Laboratory
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|================================================================================|
|GEG 1H & Honors Physical         (3)\ | Geography                      |
|GEG 1L  Physical Geography       (1)\ | Laboratory                    |
|GEG 5   Weather and Climate      (3)\ | Physical Science               |
|PHS 1   Introduction to          (3)\ | Physical Science               |
|PHY 2A  General Physics I        (4)\ | Mechanics                     |
|PHY 2B  General Physics II       (4)\ | Electricity and Magnetism     |
|PHY 4A  Mechanics                (4)\ | Heat, Light and Waves         |
|PHY 4B  Electricity and Magnetism(4)\ | Introduction to General       |
|PHY 10 & Introduction to General (3)\ | Physics                      |
|PHY 11  Physics Lab              (1)\ | Biological Psychology         |
|PSY 2   Biological Psychology   (3)\ |                                                                 |

|============================================================================|
|ENGR 7A  Introduction to Engineering I (2) No course articulated\ |                                                                 |
|AND     |                                                                 |
|ENGR 7B  Introduction to Engineering II (2) No course articulated|

============================================================================

END OF AEROSPACE ENGINEERING
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====African American Studies, B.A.====

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly: www.humanities.uci.edu/undergrad/academics/lang.php

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.


| AFAM 40A & African American Studies (4) | No course articulated-Courses to be completed at UCI I |
| AFAM 40B & African American Studies (4) | II |
| AFAM 40C African American Studies (4) | III |

Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level) | JPN 4 Japanese 4 (5) OR |
| SPA 4 Spanish 4 (5) |

At least one course from each area for a total of four semester courses:

- At least one course from each area (Writing, Literature, History, and Philosophy) for a total of four
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<table>
<thead>
<tr>
<th>LOWER-DIVISION WRITING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 1A  English Composition (4)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>ENG 1AH Honors English Composition (4)</td>
</tr>
<tr>
<td>ENG 1B Critical Thinking and Writing (4)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>ENG 1BH Honors Critical Thinking and Writing (4)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ENGLISH LITERATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 6 British Literature I: Anglo-Saxon through Eighteenth Century (3)</td>
</tr>
<tr>
<td>ENG 7 British Literature II: Romanticism through Postmodernism (3)</td>
</tr>
<tr>
<td>ENG 14 American Literature I: Pre-Contact through Civil War (3)</td>
</tr>
<tr>
<td>ENG 15 American Literature II: (3) 1860 to the Present</td>
</tr>
<tr>
<td>ENG 40 World Literature I: From Ancient Literatures to the Seventeenth Century (3)</td>
</tr>
<tr>
<td>ENG 41 World Literature II: Seventeenth Century Through the Present (3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HISTORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 1 History of World Civilizations I (3)</td>
</tr>
<tr>
<td>HIS 2 History of World Civilizations II (3)</td>
</tr>
<tr>
<td>HIS 6 Political and Social History of the United States (3)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>HIS 6H Honors Political and Social History of the United States (3)</td>
</tr>
<tr>
<td>HIS 7 Political and Social History of the United States (3)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>HIS 7H Honors Political and Social History of the United States (3)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>PHILOSOPHY</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHILOSOPHY</td>
</tr>
</tbody>
</table>
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| PHI 10 | Introduction to Philosophy | 3 |
| OR |
| PHI 10H | Honors Introduction to Philosophy | 3 |
| PHI 12 | Introduction to Ethics: Contemporary Moral Issues | 3 |
| PHI 35 | Philosophy of Religion | Same as: HUM 35 |
| OR |
| HUM 35 | Philosophy of Religion | Same as: PHI 35 |

OR

| HUMAN 1A | Humanities Core Lecture | 4 |
| HUMAN 1B | Humanities Core Lecture | 4 |
| HUMAN 1C | Humanities Core Lecture | 4 |
| HUMAN 1AS | Humanities Core Writing | 4 |
| HUMAN 1BS | Humanities Core Writing | 4 |
| HUMAN 1CS | Humanities Core Writing | 4 |

OR

| HUM 4 | Arts and Ideas: Ancient World through the Late Medieval Period | 3 |
| OR |
| HUM 4H | Honors Arts and Ideas: Ancient World through the Late Medieval Period | 3 |
| HUM 5 | Arts and Ideas: The Renaissance through the Modern Era | 3 |
| OR |
| HUM 5H | Honors Arts and Ideas: The Renaissance through the Modern Era | 3 |

AND

| ENG 1A | English Composition | 4 |
| OR |
| ENG 1AH | Honors English Composition | 4 |
| ENG 1B | Critical Thinking and Writing | 4 |
| OR |
| ENG 1BH | Honors Critical Thinking and Writing | 4 |

END OF AFRICAN AMERICAN STUDIES
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====Anthropology, B.A====

There are no prerequisites required for the Anthropology major. The School of Social Sciences recommends that students wishing to transfer to UCI complete IGETC prior to transfer and refer to the list of courses below that will fulfill UCI lower-division major requirements.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

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| ANTHRO 2A | Introduction to Sociocultural Anthropology | 4 |
| ANT 2 | Cultural Anthropology | 3 |

| ANTHRO 2B | Introduction to Biological Anthropology | 4 |
| OR | Introduction to Archaeology | 4 |
| OR | Introduction to Language and Culture | 4 |
| OR | Same as: LINGUIS 68 |

| ANTHRO 30A | Global Issues in Anthropological Perspective | 4 |
| OR | Ethnography and Anthropological Methods | 4 |

Three additional courses in Anthropology or other Social Science discipline.

| ANTHRO 2C | Introduction to Archaeology | 3 |
| ANT 6 | Introduction to Archaeology | 3 |
| ANT 8 | Language and Culture | 3 |

| ANTHRO 2D | Introduction to Paleontology | 3 |
| ANT 3 | Prehistoric Cultures | 3 |
| ANT 4 | Native American Cultures | 3 |
| ANT 5 | Cultures of Ancient Mexico | 3 |
| ANT 6 | Introduction to Archaeology | 3 |
| ANT 7 | Anthropology of Religion | 3 |
| ANT 10 | Forensic Anthropology | 3 |
| ECO 4 | Introduction to Ecology | 3 |
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| Economic Sciences                                    |
|------------------------------------------|-------------|
| ECO 7  | Principles of Macroeconomics (3) |
| ECO 7H | Honors Principles of Macroeconomics (3) |
| ECO 8  | Principles of Microeconomics (3) |

| English                                             |
|------------------------------------------|-------------|
| ENG 16 | Introduction to Linguistics (3) |

| Geographical Sciences                              |
|------------------------------------------|-------------|
| GEG 1  | Physical Geography (3) |
| GEG 1H | Honors Physical Geography (3) |
| GEG 2  | Human Geography (3) |
| GEG 3  | World Regional Geography (3) |
| GEG 4  | Geography of California (3) |
| GEG 6  | Geography of the United States and Canada (3) |

| Political Science                                   |
|------------------------------------------|-------------|
| POL 1  | American Politics (3) |
| POL 1H | Honors American Politics (3) |
| POL 2  | Comparative Politics (3) |
| POL 4  | Introduction to World Politics (3) |
| POL 4H | Honors Introduction to World Politics (3) |
| POL 5  | The Law and Politics (3) |
| POL 11 | Political Theory (3) |
| POL 13 | Introduction to American Foreign Policy (3) |

| Psychology                                           |
|------------------------------------------|-------------|
| PSY 1  | General Psychology (3) |
| PSY 2  | Biological Psychology (3) |
| PSY 8  | Introduction to Social Psychology (3) |
| PSY 9  | Developmental Psychology (3) |
| PSY 33 | Theories of Personality (3) |
| PSY 35 | Abnormal Psychology (3) |
| SOC 1  | Introduction to Sociology (3) |
| SOC 1H | Honors Introduction to Sociology (3) |
| SOC 2  | American Social Problems (3) |
| SOC 3  | Social Inequality (3) |
| SOC 10 | Race and Ethnic Relations (3) |
| SOC 12 | Marriage and Family Relations (3) |
| SOC 15 | Women in American Society (3) |

**SCHOOL OF SOCIAL SCIENCES MATH REQUIREMENT:** All students are required to take either: 1) One semester of calculus and one semester of statistics, or 2) Two quarters of calculus and one of statistics, or 3) One year of statistics.
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<table>
<thead>
<tr>
<th>Math 2A &amp; Single-Variable Calculus (4)</th>
<th>Math 1A &amp; Calculus I (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 2B &amp; Single-Variable Calculus (4)</td>
<td>Math 12 &amp; Statistics (4)</td>
</tr>
<tr>
<td>Stats 7 &amp; Basic Statistics (4)</td>
<td>OR</td>
</tr>
<tr>
<td>OR</td>
<td>Math 12H &amp; Honors Statistics (4)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mgmt 7 &amp; Statistics for Business (4)</th>
<th>Decision Making</th>
</tr>
</thead>
<tbody>
<tr>
<td>OR</td>
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<tr>
<td>OR</td>
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</table>

<table>
<thead>
<tr>
<th>SOC Sci 10A &amp; Probability and Statistics in the Social Sciences I (4)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC Sci 10B &amp; Probability and Statistics in the Social Sciences II (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>SOC Sci 10C &amp; Probability and Statistics in the Social Sciences III (4)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

In addition to the School of Social Sciences Math Requirement, all students are required to take coursework equivalent to I&C SCI 31 or SOC SCI 3A.

<table>
<thead>
<tr>
<th>I&amp;C SCI 31 &amp; Introduction to Programming (4)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>I&amp;C SCI 3A &amp; Computer-Based Research in the Social Sciences (4)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

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====Applied Physics, B.S.====

Preference will be given to junior-level applicants with the highest grades overall who have satisfactorily completed the following required courses:

- Complete one year of calculus-based physics with laboratory for physics and engineering majors with a minimum GPA of 3.0
- Complete one year of approved calculus with a minimum GPA of 3.0

Transfer students must have a cumulative GPA of 3.0 or higher.

Concentrations are offered in:
- Biomedical Physics, and
- Engineering Physics

Information is available at (949) 824-6507, ps.uci.edu.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

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MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

| MATH 2A & MAT 1A | Single-Variable Calculus | Calculus I | (4) | (4) |
| MATH 2B & MAT 1B | Single-Variable Calculus | Calculus II | (4) | (4) |

Completion of two semesters of Physics fulfills the admissions requirement for the major, but completion of the entire sequence before transfer is highly preferred.

| PHYSICS 7C & PHY 4A | Classical Physics | Mechanics | (4) |
| PHYSICS 7LC | Classical Physics | Laboratory | (1) |
| PHYSICS 7D & PHY 4B | Classical Physics | Electricity and Magnetism | (4) |
| PHYSICS 7LD | Classical Physics | Laboratory | (1) |
| PHYSICS 7E | Classical Physics | Heat, Light and Waves | (4) |

| PHYSICS 3A & PHY 2A | Basic Physics | General Physics I | (4) |
| PHYSICS 3B & PHY 2B | Basic Physics | General Physics II | (4) |
| PHYSICS 3LB | Basic Physics | Laboratory | (1.5) |
| PHYSICS 3C | Basic Physics | | (4) |
| PHYSICS 3LC | Basic Physics | | (1.5) |
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### Laboratory

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## ADDITIONAL APPROVED COURSES FOR THE MAJOR

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<th>Course</th>
<th>Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MATH 2D</td>
<td>Multivariable Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MAT 1C</td>
<td>Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2E</td>
<td>Multivariable Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MAT 1C</td>
<td>Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>Introduction to Linear Algebra</td>
<td>4</td>
</tr>
<tr>
<td>MAT 3</td>
<td>Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3D</td>
<td>Elementary Differential Equations</td>
<td>4</td>
</tr>
<tr>
<td>MAT 2</td>
<td>Differential Equations</td>
<td>4</td>
</tr>
<tr>
<td>PHYSICS 50</td>
<td>Mathematical Methods for Physical Science</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 61A</td>
<td>Modern Physics</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 51A</td>
<td>Modern Physics</td>
<td></td>
</tr>
<tr>
<td>COMPLETE ONE OF THE FOLLOWING:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICS 53</td>
<td>Introduction to C and Numerical Analysis</td>
<td>4</td>
</tr>
<tr>
<td>CIS 17A</td>
<td>Programming Concepts and Methodologies II: C++</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td>CIS 17C</td>
<td>C++ Programming: Data Structures</td>
</tr>
<tr>
<td>OR</td>
<td>I&amp;C SCI 45C</td>
<td>Programming in C/C++ as a Second Language</td>
</tr>
<tr>
<td>OR</td>
<td>MATH 9</td>
<td>Introduction to Programming for Numerical Analysis</td>
</tr>
<tr>
<td>CIS 17A</td>
<td>Programming Concepts and Methodology II: C++</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td>CIS 17C</td>
<td>C++ Programming: Data Structures</td>
</tr>
<tr>
<td>OR</td>
<td>CIS 17C</td>
<td>JAVA Programming: Objects</td>
</tr>
<tr>
<td>OR</td>
<td>CIS 17C</td>
<td>JAVA Programming: Objects</td>
</tr>
<tr>
<td>OR</td>
<td>EECS 10</td>
<td>Computational Methods in Electrical and Computer Engineering</td>
</tr>
<tr>
<td>CIS 17A</td>
<td>Programming Concepts and Methodologies II: C++</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td>EECS 12</td>
<td>Introduction to Programming</td>
</tr>
<tr>
<td>CIS 17A</td>
<td>Programming Concepts and Methodologies II: C++</td>
<td></td>
</tr>
</tbody>
</table>
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================================================================================
| OR | OR
| CIS 18A        JAVA Programming: (3) |
|     | Objects |

Complete one of the following:

<table>
<thead>
<tr>
<th>PHYSICS 60</th>
<th>Thermal Physics</th>
<th>(4)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1C</td>
<td>General Chemistry</td>
<td>(4)</td>
<td>CHE 1B General Chemistry, II (5)</td>
</tr>
<tr>
<td>CHEM 1LC</td>
<td>General Chemistry</td>
<td>(2)</td>
<td>Laboratory</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1LE</td>
<td>Accelerated General Chemistry Laboratory</td>
<td>(3)</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGRMAE 91</td>
<td>Introduction to Thermodynamics</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

--------------------------------------------------------------------------------
| PHYSICS 52A | Fundamentals of Experimental Physics | (2) | PHY 4C Heat, Light and Waves (4) |

--------------------------------------------------------------------------------
| PHYSICS 52B | Fundamentals of Experimental Physics | (2) | PHY 4B Electricity and Magnetism |

--------------------------------------------------------------------------------
| PHYSICS 52C | Fundamentals of Experimental Physics | (2) | No course articulated |

--------------------------------------------------------------------------------
| END OF APPLIED PHYSICS |
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====Art History, B.A.====

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly: www.humanities.uci.edu/undergrad/academics/lang.php

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

================================================================================

Three courses from: | Two courses from:
ART HIS 40A  |  ART 1  History of Western Art: (3)
Ancient Egyptian, Greek, and Roman Art and Architecture (4) | Prehistoric, Ancient, and Medieval
ART HIS 40B  |  ART 2  History of Western Art: (3)
Arts of Europe: Medieval and Renaissance (4) | Renaissance through Contemporary
ART HIS 40C  |  History of Asian Art: (4)
Early Modern and Modern Art in Europe and America (4) | Arts of India
ART HIS 42A  |  History of Asian Art: (4)
History of Asian Art: Arts of India (4) |
ART HIS 42B  |  History of Asian Art: (4)
History of Asian Art: Arts of China (4) |
ART HIS 42C  |  History of Asian Art: (4)
History of Asian Art: Arts of Japan (4) |
ART HIS 42D  |  History of Asian Art: (4)
History of Asian Art: Arts of Islam (4) |
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<table>
<thead>
<tr>
<th>Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level)</th>
<th>OR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JPN 4 Japanese 4</td>
<td>SPA 4 Spanish 4</td>
</tr>
</tbody>
</table>

| At least one course from each area for a total of four semester or six quarter courses: |
|---|---|
| Writing, Literature, History, and Philosophy for a total of four semester courses: |

**LOWER-DIVISION WRITING**

<table>
<thead>
<tr>
<th>WRITING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 1A English Composition</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>ENG 1AH Honors English Composition</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>ENG 1B Critical Thinking and Writing</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>ENG 1BH Honors Critical Thinking and Writing</td>
</tr>
</tbody>
</table>

**ENGLISH LITERATURE**

<table>
<thead>
<tr>
<th>LITERATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 6 British Literature I: Anglo-Saxon through Eighteenth Century</td>
</tr>
<tr>
<td>ENG 7 British Literature II: Romanticism through Postmodernism</td>
</tr>
<tr>
<td>ENG 14 American Literature I: Pre-Contact through Civil War</td>
</tr>
<tr>
<td>ENG 15 American Literature II: 1860 to the Present</td>
</tr>
<tr>
<td>ENG 40 World Literature I: From Ancient Literatures to the Seventeenth Century</td>
</tr>
<tr>
<td>ENG 41 World Literature II: Seventeenth Century Through the Present</td>
</tr>
</tbody>
</table>

**HISTORY**

<table>
<thead>
<tr>
<th>HISTORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 1 History of World Civilizations I</td>
</tr>
<tr>
<td>HIS 2 History of World Civilizations II</td>
</tr>
<tr>
<td>HIS 6 Political and Social History of the United States</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>HIS 6H Honors Political and Social History of the United States</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 7</td>
<td>Political and Social History of the United States</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td>HIS 7H</td>
<td>Honors Political and Social History of the United States</td>
</tr>
<tr>
<td>PHILOSOPHY</td>
<td>PHI 10</td>
<td>Introduction to Philosophy</td>
</tr>
<tr>
<td>OR</td>
<td>PHI 10H</td>
<td>Honors Introduction to Philosophy</td>
</tr>
<tr>
<td></td>
<td>PHI 12</td>
<td>Introduction to Ethics: Contemporary Moral Issues</td>
</tr>
<tr>
<td></td>
<td>PHI 35</td>
<td>Philosophy of Religion</td>
</tr>
<tr>
<td>OR</td>
<td>HUM 35</td>
<td>Philosophy of Religion</td>
</tr>
</tbody>
</table>

| HUMAN 1A | Humanities Core Lecture | 4 |
| HUMAN 1B | Humanities Core Lecture | 4 |
| HUMAN 1C | Humanities Core Lecture | 4 |
| HUMAN 1AS| Humanities Core Writing | 4 |
| HUMAN 1BS| Humanities Core Writing | 4 |
| HUMAN 1CS| Humanities Core Writing | 4 |
| HUM 4   | Arts and Ideas: Ancient | 3 |
| OR     | HUM 4H      | Honors Arts and Ideas: Ancient World through the Late Medieval Period | 3 |
|        | HUM 5      | Arts and Ideas: The Renaissance through the Modern Era | 3 |
| OR     | HUM 5H     | Honors Arts and Ideas: The Renaissance through the Modern Era | 3 |
|        | ENG 1A     | English Composition | 4 |
| OR     | ENG 1AH    | Honors English Composition | 4 |
|        | ENG 1B     | Critical Thinking and Writing | 4 |
| OR     | ENG 1BH    | Honors Critical Thinking and Writing | 4 |

END OF ART HISTORY
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====Art, B.A.====

This major does not require completion of prerequisites for admission as a transfer student.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

ART 1A & Art in Context: History, Theory, and Practice (4) | Must be completed at UCI during the first year in residence
ART 1B & Art in Context: History, Theory, and Practice (4) |
ART 1C Art in Context: History, Theory, and Practice (4) |

ART 9A Visual Culture: Media, Art, and Technology (4) | No course articulated

ART 11A History of Contemporary Art (4) | No course articulated-Course must be completed at UCI

One Art History course from: | One course from:
ART HIS 40A Ancient Egyptian, Greek, and Roman Art and Architecture (4) | ART 1 History of Western Art: Prehistoric, Ancient, and Medieval (3)
ART HIS 40B Arts of Europe: Medieval and Renaissance (4) | ART 2 History of Western Art: Renaissance through Contemporary (3)
ART HIS 40C Early Modern and Modern Art in Europe and America (4) |
ART HIS 42A History of Asian Art: Arts of India (4) |
ART HIS 42B History of Asian Art: Arts of China (4) |
ART HIS 42C History of Asian Art: Arts of Japan (4) |
ART HIS 42D History of Asian Art: Arts of Islam (4) |

Four lower-division courses in different media: | Four courses from at least two different areas:
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<table>
<thead>
<tr>
<th>DRAWING</th>
<th>DRAWING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 20A Basic Drawing I (4)</td>
<td>ART 17 Beginning Drawing (3)</td>
</tr>
<tr>
<td>ART 20B Basic Drawing II (4)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PAINTING</th>
<th>PAINTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 30A Basic Painting I (4)</td>
<td>ART 26 Beginning Painting (3)</td>
</tr>
<tr>
<td>ART 30B Basic Painting II (4)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BASIC SCULPTURE</th>
<th>BASIC SCULPTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 40 Basic Sculpture (4)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CERAMIC SCULPTURE</th>
<th>CERAMIC SCULPTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 51 Basic Ceramic Sculpture (4)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DIGITAL IMAGING</th>
<th>DIGITAL IMAGING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 65A Foundations in Media Design (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>ART 65B Foundations in Internet Art and Design (4)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PHOTOGRAPHY</th>
<th>PHOTOGRAPHY</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 71A Introduction to Photography I (4)</td>
<td>All photography classes must be petitioned for subject credit upon matriculating into UCI's Art program.</td>
</tr>
<tr>
<td>ART 71B Introduction to Photography II (4)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VIDEO</th>
<th>VIDEO</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 81A Video Production (4)</td>
<td>All video classes must be petitioned</td>
</tr>
<tr>
<td>ART 81B Video Stage Production (4)</td>
<td>for subject credit upon matriculating into UCI's Art program.</td>
</tr>
<tr>
<td>ART 91 Basic Performance Art (4)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

END OF ART
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================================================================================
====Asian American Studies, B.A====

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly: [www.humanities.uci.edu/undergrad/academics/lang.php](http://www.humanities.uci.edu/undergrad/academics/lang.php)

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).


| ASIANAM 50 | Asian American Histories | (4) No course articulated |
| Same as: HISTORY 15C, SOC SCI 78A |
| ASIANAM 51 | The U.S. and Asia | (4) No course articulated |
| ASIANAM 52 | Asian American Communities | (4) No course articulated |
| Same as: SOC SCI 78B |
| ASIANAM 53 | Asian Americans and Comparative Race Relations | (4) No course articulated |
| Same as: SOC SCI 78C |
| ASIANAM 54 | Asian American Stories | (4) No course articulated |
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| ASIANAM 55 | Asian Americans and the Media | No course articulated |  
| One additional course in Asian American Studies | One course approved upon petition |  
| Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level) | JPN 4 Japanese 4 (5) OR SPA 4 Spanish 4 (5) |  
| At least one course from each area for a total of four semester or six quarter courses: | At least one course from each area (Writing, Literature, History, and Philosophy) for a total of four semester courses: |  

| LOWER-DIVISION WRITING | LITERATURE |  
| ENG 1A English Composition (4) OR ENG 1AH Honors English Composition | ENG 6 British Literature I: Anglo-Saxon through Eighteenth Century (3) |  
| ENG 1B Critical Thinking and Writing OR ENG 1BH Honors Critical Thinking and Writing | ENG 7 British Literature II: Romanticism through Postmodernism (3) |  
| ENG 14 American Literature I: Pre-Contact through Civil War | ENG 15 American Literature II: 1860 to the Present (3) |  
| ENG 40 World Literature I: From Ancient Literatures to the Seventeenth Century (3) | ENG 41 World Literature II: Seventeenth Century Through the Present (3) |  
| ENG 40 World Literature I: From Ancient Literatures to the Seventeenth Century (3) | ENG 41 World Literature II: Seventeenth Century Through the Present (3) |  

| HISTORY |  
| HIS 1 History of World Civilizations I (3) | HIS 2 History of World Civilizations II (3) |
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| HIS 6 | Political and Social History of the United States |
| OR | HIS 6H | Honors Political and Social History of the United States |
| HIS 7 | Political and Social History of the United States |
| OR | HIS 7H | Honors Political and Social History of the United States |

**PHILOSOPHY**

| PHI 10 | Introduction to Philosophy |
| OR | PHI 10H | Honors Introduction to Philosophy |
| PHI 12 | Introduction to Ethics: Contemporary Moral Issues |
| PHI 35 | Philosophy of Religion |
| Same as: PHI 35 |

| HUM 35 | Philosophy of Religion |
| Same as: PHI 35 |

**OR**

| HUMAN 1A & HUMAN 1B & HUMAN 1C & HUMAN 1AS & HUMAN 1BS & HUMAN 1CS | Humanities Core Lecture |
| OR | HUM 4 | Arts and Ideas: Ancient World through the Late Medieval Period |
| OR | HUM 5 | Arts and Ideas: The Renaissance through the Modern Era |
| OR | HUM 5H | Honors Arts and Ideas: The Renaissance through the Modern Era |

**AND**

| ENG 1A | English Composition |
| OR | ENG 1A & ENG 1B | Honors English Composition |
| OR | CRITICAL THINKING 1B | Critical Thinking and Writing |
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================================================================================
| OR |
| ENG 1BH | Honors Critical | (4) |
| OR |
| END OF ASIAN AMERICAN STUDIES |

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====Biochemistry and Molecular Biology, B.S.====

The major in Biochemistry and Molecular Biology is open only to upper-division Biological Sciences majors who meet specified course and grade requirements as listed at www.changeofmajor.uci.edu. The requirements can only be completed at UC Irvine after transfer.

Transfer students interested in this major should apply as Biological Sciences majors. To enter the Biological Sciences major, junior-level applicants with the highest grades overall who satisfactorily complete course prerequisites will be given preference for admission.

All applicants must complete the following with a grade of C or better in each required course:
- one year of biology courses equivalent to UCI's BIO SCI 93 & BIO SCI 94,
- one year of general chemistry with laboratory, and
- one year of organic chemistry with laboratory

All applicants must have a cumulative GPA of 3.0 or higher.

Transfer students are advised to complete as many articulated lower-division degree requirements as possible prior to transfer. For information, contact the School of Biological Sciences at (949) 824-5318 or go to http://www.bio.uci.edu/students/undergraduates/

NOTE: Once enrolled at UCI, School of Biological Sciences majors may only take UCI courses to satisfy major requirements.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

================================================================================

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

<table>
<thead>
<tr>
<th>BIO SCI 93</th>
<th>From DNA to Organisms (4)</th>
<th>BIO 60</th>
<th>Introduction to Molecular and Cellular Biology (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 94</td>
<td>From Organisms to Ecosystems (4)</td>
<td>BIO 61</td>
<td>Introduction to Organismal and Population Biology (Majors) (5)</td>
</tr>
</tbody>
</table>

Important: Articulation of general chemistry is based on the completion of the
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entire year. Students wishing information on course-to-course equivalencies  
(semester to quarter) should contact the Physical Sciences Student Affairs  
Office at: pssazot@uci.edu.

<table>
<thead>
<tr>
<th>Norco College Course</th>
<th>UC Irvine Course</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1A &amp; General Chemistry (4)</td>
<td>CHE 1A &amp; General Chemistry, I (5)</td>
<td></td>
</tr>
<tr>
<td>CHEM 1B &amp; General Chemistry (4)</td>
<td>CHE 1B General Chemistry, II (5)</td>
<td></td>
</tr>
<tr>
<td>CHEM 1C &amp; General Chemistry (4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1LC &amp; General Chemistry (2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1LD General Chemistry (2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laboratory</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CHEM 51A & Organic Chemistry (4) | CHE 12A Organic Chemistry, I (5) |
| CHEM 51LB Organic Chemistry (2) | |
| Laboratory | |

CHEM 51B & Organic Chemistry (4) | CHE 12A Organic Chemistry, I (5) |
| CHEM 51C & Organic Chemistry (4) | CHE 12B Organic Chemistry, II (5) |
| CHEM 51LC Organic Chemistry (2) | |
| Laboratory | |

ADDITIONAL APPROVED COURSES FOR THE MAJOR

BIO SCI 97 Genetics (4) | No course articulated |

BIO SCI 98 Biochemistry (4) | No course articulated |

BIO SCI 99 Molecular Biology (4) | No course articulated |

Students have two options for completing the Mathematics requirement before  
enrolling at UCI:  
1. Two semesters of Calculus; or  
2. One semester of Calculus and one semester of Statistics  
Option 2 is recommended for students who would like to attend a health professional school.

<table>
<thead>
<tr>
<th>Norco College Course</th>
<th>UC Irvine Course</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A &amp; Single-Variable Calculus (4)</td>
<td>MAT 1A Calculus I (4)</td>
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<tr>
<td>MATH 2B Single-Variable Calculus (4)</td>
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<td>and one of the following:</td>
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<tr>
<td>STATS 7 Basic Statistics (4)</td>
<td>MAT 1B Calculus II (4)</td>
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<tr>
<td>STATS 8 Introduction to Biological Statistics (4)</td>
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<tr>
<td>MATH 2D Multivariable Calculus (4)</td>
<td>MAT 1C Calculus III (4)</td>
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<tr>
<td>MATH 3A Introduction to Linear Algebra (4)</td>
<td>MAT 3 Linear Algebra (3)</td>
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<thead>
<tr>
<th>Norco College Course</th>
<th>UC Irvine Course</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 3A &amp; Basic Physics (4)</td>
<td>PHY 2A &amp; General Physics I (4)</td>
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<tr>
<td>PHYSICS 3B &amp; Basic Physics (4)</td>
<td>PHY 2B General Physics II (4)</td>
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<td>PHYSICS 3LB Basic Physics (1.5)</td>
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<td>Laboratory</td>
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<tr>
<td>PHYSICS 3C &amp; Basic Physics (4)</td>
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</table>
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  
To: UC Irvine | From: Norco College

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<tbody>
<tr>
<td>PHYSICS 3LC</td>
<td>Basic Physics (1.5)</td>
<td>OR</td>
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<tr>
<td></td>
<td>Laboratory</td>
<td></td>
</tr>
</tbody>
</table>

 OR  OR

| PHYSICS 7C | Classical Physics (4) | PHY 4A | Mechanics (4) |
| PHYSICS 7LC | Classical Physics (1) | Laboratory | |

| PHYSICS 7D | Classical Physics (4) | PHY 4B | Electricity and Magnetism (4) |
| PHYSICS 7LD | Classical Physics (1) | Laboratory | |

| PHYSICS 7E | Classical Physics (4) |   |   |

END OF BIOCHEMISTRY AND MOLECULAR BIOLOGY
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Norco College
=================================================================================================

====Biological Sciences, B.S====

Junior-level applicants with the highest grades overall who satisfactorily complete course prerequisites will be given preference for admission.

All applicants must complete the following with a grade of C or better in each required course:
- one year of biology courses equivalent to UCI's BIO SCI 93 & BIO SCI 94,
- one year of general chemistry with laboratory, and
- one year of organic chemistry with laboratory

All applicants must have a cumulative GPA of 3.0 or higher.

For information about the Transfer Admission Guarantee for this major, go to:
http://www.admissions.uci.edu/resources/transfer_selection.html#bio

Transfer students are advised to complete as many articulated lower-division degree requirements as possible prior to transfer. For information, contact the School of Biological Sciences at (949) 824-5318 or go to:
http://www.bio.uci.edu/students/undergraduates/

NOTE: Once enrolled at UCI, School of Biological Sciences majors may only take UCI courses to satisfy major requirements.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospective students/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to

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MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

<table>
<thead>
<tr>
<th>BIO SCI 93</th>
<th>From DNA to Organisms</th>
<th>(4)</th>
<th>BIO 60</th>
<th>Introduction to Molecular and Cellular Biology</th>
<th>(5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 94</td>
<td>From Organisms to Ecosystems</td>
<td>(4)</td>
<td>BIO 61</td>
<td>Introduction to Organismal and Population Biology (Majors)</td>
<td>(5)</td>
</tr>
</tbody>
</table>

Important: Articulation of general chemistry is based on the completion of the entire year. Students wishing information on course-to-course equivalencies (semester to quarter) should contact the Physical Sciences Student Affairs Office at: pssazot@uci.edu.
Articulation Agreement by Major
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| CHEM 1A | General Chemistry | (4) | CHE 1A | General Chemistry, I | (5) |
| CHEM 1B | General Chemistry | (4) | CHE 1B | General Chemistry, II | (5) |
| CHEM 1C | General Chemistry | (4) |
| CHEM 1LC | General Chemistry | (2) | Laboratory |
| CHEM 1LD | General Chemistry | (2) | Laboratory |

| CHEM 51A | Organic Chemistry | (4) | CHE 12A | Organic Chemistry, I | (5) |
| CHEM 51LB | Organic Chemistry | (2) | Laboratory |

| CHEM 51B | Organic Chemistry | (4) | CHE 12A | Organic Chemistry, I | (5) |
| CHEM 51C | Organic Chemistry | (4) | CHE 12B | Organic Chemistry, II | (5) |
| CHEM 51LC | Organic Chemistry | (2) | Laboratory |

**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

| BIO SCI 97 | Genetics | (4) | No course articulated |
| BIO SCI 98 | Biochemistry | (4) | No course articulated |
| BIO SCI 99 | Molecular Biology | (4) | No course articulated |

Students have two options for completing the Mathematics requirement before enrolling at UCI:
1. Two semesters of Calculus; or
2. One semester of Calculus and one semester of Statistics
Option 2 is recommended for students who would like to attend a health professional school.

| MATH 2A | Single-Variable Calculus | (4) | MAT 1A | Calculus I | (4) |
| MATH 2B | Single-Variable Calculus | (4) |
| and one of the following: | and one of the following: |
| STATS 7 | Basic Statistics | (4) | MAT 1B | Calculus II | (4) |
| STATS 8 | Introduction to Biological Statistics | (4) | MAT 12 | Statistics | (4) |
| | | | MAT 12H | Honors Statistics | (4) |
| MATH 2D | Multivariable Calculus | (4) | MAT 1C | Calculus III | (4) |
| MATH 3A | Introduction to Linear Algebra | (4) | MAT 3 | Linear Algebra | (3) |

| PHYSICS 3A | Basic Physics | (4) | PHY 2A | General Physics I | (4) |
| PHYSICS 3B | Basic Physics | (4) | PHY 2B | General Physics II | (4) |
| PHYSICS 3LB | Basic Physics | (1.5) | Laboratory |
| PHYSICS 3C | Basic Physics | (4) |
| PHYSICS 3LC | Basic Physics | (1.5) | Laboratory |

**OR**

| PHYSICS 7C | Classical Physics | (4) | PHY 4A | Mechanics | (4) |
Articulation Agreement by Major
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| PHYSICS 7LC & | Classical Physics | (1)| |
| Laboratory | |
| PHYSICS 7D & | Classical Physics | (4)| |
| PHY 4B | Electricity and (4)| |
| PHY 4B | Magnetism |
| PHYSICS 7LD & | Classical Physics | (1)| |
| Laboratory | |
| PHYSICS 7E | Classical Physics | (4)| |

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END OF BIOLOGICAL SCIENCES
Articulation Agreement by Major  
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Applies to Fall 2019 and Fall 2020 Admissions  
To: UC Irvine | From: Norco College  
=================================================================================================

====Biology/Education, B.S.====

The major in Biology/Education is open only to upper-division Biological Sciences majors who meet specified course and grade requirements as listed at www.changeofmajor.uci.edu.

To enter the Biology/Education major, junior-level applicants with the highest grades overall who satisfactorily complete course prerequisites will be given preference for admission.

All applicants must complete the following with a grade of C or better in each required course:
- one year of general chemistry with laboratory,
- one year of organic chemistry with laboratory, and
- one year of biology courses equivalent to UCI's BIO SCI 93 & BIO SCI 94

All applicants must have a cumulative GPA of 3.0 or higher.

Transfer students are advised to complete as many articulated lower-division degree requirements as possible prior to transfer. For information, contact the School of Biological Sciences at (949) 824-5318 or go to http://www.bio.uci.edu/students/undergraduates/

**NOTE**: Once enrolled at UCI, School of Biological Sciences majors may only take UCI courses to satisfy major requirements.

**NOTE**: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduatedegreeadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

=================================================================================================

**MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER**

**Important**: Articulation of general chemistry is based on the completion of the entire year. Students wishing information on course-to-course equivalencies (semester to quarter) should contact the Physical Sciences Student Affairs Office at: pssazot@uci.edu.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1A &amp;</td>
<td>General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1B &amp;</td>
<td>General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1C &amp;</td>
<td>General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1LC &amp;</td>
<td>General Chemistry</td>
<td>2</td>
</tr>
<tr>
<td>CHEM 1LD</td>
<td>General Chemistry</td>
<td>2</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major
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| CHEM 51A | Organic Chemistry | CHE 12A | Organic Chemistry, I |
| CHEM 51LB | Organic Chemistry | CHE 12A | Organic Chemistry, I |
| Laboratory | (2) | Laboratory | (2) |

| CHEM 51B | Organic Chemistry | CHE 12A | Organic Chemistry, I |
| CHEM 51C | Organic Chemistry | CHE 12B | Organic Chemistry, II |
| CHEM 51LC | Organic Chemistry | CHE 12B | Organic Chemistry, II |
| Laboratory | (2) | Laboratory | (2) |

| BIO SCI 93 | From DNA to Organisms | BIO 60 | Introduction to Molecular and Cellular Biology |
| BIO SCI 94 | From Organisms to Ecosystems | BIO 61 | Introduction to Organismal and Population Biology (Majors) |

**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

| BIO SCI 14 | California Teach 1: Introduction to Science and Mathematics Teaching |
| BIO SCI 97 | Genetics |
| BIO SCI 98 | Biochemistry |
| BIO SCI 99 | Molecular Biology |

Students have two options for completing the Mathematics requirement before enrolling at UCI:
1. Two semesters of Calculus; or
2. One semester of Calculus and one semester of Statistics

| MATH 2A | Single-Variable Calculus | MAT 1A | Calculus I |
| MATH 2B | Single-Variable Calculus | MAT 1A | Calculus I |
| STATS 7 | Basic Statistics | MAT 1B | Calculus II |
| STATS 8 | Introduction to Biological Statistics | MAT 12 | Statistics |
| | | MAT 12H | Honors Statistics |
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions

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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>MATH 2D Multivariable Calculus (4)</td>
<td>MAT 1C Calculus III (4)</td>
</tr>
<tr>
<td>MATH 3A Introduction to Linear Algebra (4)</td>
<td>MAT 3 Linear Algebra (3)</td>
</tr>
</tbody>
</table>

| PHYSICS 3A & Basic Physics (4) | PHY 2A & General Physics I (4) |
| PHYSICS 3B & Basic Physics (4) | PHY 2B General Physics II (4) |
| PHYSICS 3LB & Basic Physics Laboratory (1.5) | |
| PHYSICS 3C & Basic Physics (4) | |
| PHYSICS 3LC & Basic Physics Laboratory (1.5) | |

**OR**

| PHYSICS 7C & Classical Physics (4) | PHY 4A & Mechanics (4) |
| PHYSICS 7LC & Classical Physics Laboratory (1) | |
| PHYSICS 7D & Classical Physics Laboratory (4) | PHY 4B Electricity and Magnetism (4) |
| PHYSICS 7LD & Classical Physics Laboratory (1) | |
| PHYSICS 7E & Classical Physics (4) | |

**END OF BIOLOGY/EDUCATION**
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  
To: UC Irvine | From: Norco College  
================================================================================

====Biomedical Engineering, B.S.====

Preference will be given to junior-level applicants with the highest grades overall who have satisfactorily completed the following major-preparation courses with a grade of C or better by the end of spring term prior to transfer.

- Both Single Variable Calculus I (C-ID MATH 210 or MATH 211)  
  + Single Variable Calculus II (C-ID MATH 220 or MATH 221)  
  or Single Variable Calculus Sequence (C-ID MATH 900S or 910S)
- Multivariable Calculus (C-ID MATH 230)
- Both Ordinary Differential Equations (C-ID MATH 240)  
  + Introduction to Linear Algebra (C-ID MATH 250)  
  or Differential Equations and Linear Algebra (C-ID MATH 910S)
- All 3 Calculus-Based Physics for Scientists and Engineers: A (C-ID PHYS 205)  
  + Calculus-Based Physics for Scientists and Engineers: B (C-ID PHYS 210)  
  + Calculus-Based Physics for Scientists and Engineers: C (C-ID PHYS 215)  
  or Calculus-Based Physics for Scientists and Engineers: ABC (C-ID PHYS 200S)
- General Chemistry for Science Majors Sequence A (C-ID CHEM 120S)
- Programming and Problem Solving in MATLAB (C-ID ENGR 220)

Students must have a cumulative GPA of 3.0 in required courses.

The following courses are not required for transfer consideration, however the degree cannot be completed in two years without them:
- Engineering Graphics (C-ID ENGR 150)

Additional courses listed will transfer and be used toward the degree but will not have a meaningful impact on the time to complete the degree. Students should not delay transfer in order to complete these courses.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).


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<tbody>
<tr>
<td>MATH 2A &amp; Single-Variable Calculus (4)</td>
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<tr>
<td>MATH 2B Single-Variable Calculus (4)</td>
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<tr>
<td>MATH 2D Multivariable Calculus (4)</td>
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<tr>
<td>MATH 2E Multivariable Calculus (4)</td>
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<td>MATH 3A Introduction to Linear Algebra (4)</td>
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<tr>
<td>MATH 3D Elementary Differential (4)</td>
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Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

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================================================================================
| Equations                     |                                                                 |
|--------------------------------------------------------------------------------|
| CHEM 1A 6 General Chemistry (4) | CHE 1A 6 General Chemistry, I (5) |
| CHEM 1B 6 General Chemistry (4) | CHE 1B 6 General Chemistry, II (5) |
| CHEM 1C 6 General Chemistry (4) |                                                                 |
| CHEM 1LC 6 General Chemistry (2) | Laboratory (2) |
| CHEM 1LD 6 General Chemistry (2) | Laboratory (2) |
|--------------------------------------------------------------------------------|
| PHYSICS 7C 6 Classical Physics (4) | PHY 4A 6 Mechanics (4) |
| PHYSICS 7LC 6 Classical Physics (1) | Laboratory (1) |
| PHYSICS 7D 6 Classical Physics (4) | PHY 4B 6 Electricity and Magnetism (4) |
| PHYSICS 7LD 6 Classical Physics (1) | Laboratory (1) |
| PHYSICS 7E 6 Classical Physics (4) | PHY 4C Heat, Light and Waves (4) |
|--------------------------------------------------------------------------------|
| BME 60B Engineering (4) | No course articulated |
| Analysis/Design: Data (4) | |
| Analysis (4) | |
|--------------------------------------------------------------------------------|
| MAJOR PREPARATION COURSES NECESSARY TO GRADUATE IN 2 YEARS | |
|--------------------------------------------------------------------------------|
| BME 60C Engineering (4) | No course articulated |
| Analysis/Design: Computer-Aided Design (4) | |
|--------------------------------------------------------------------------------|
| ADDITIONAL MAJOR REQUIREMENTS | |
|--------------------------------------------------------------------------------|
| STATS 8 Introduction to Biological Statistics (4) | MAT 12 Statistics (4) |
| OR | MAT 12H Honors Statistics (4) |
|--------------------------------------------------------------------------------|
| BME 1 Introduction to Biomedical Engineering (3) | No course articulated |
|--------------------------------------------------------------------------------|
| BME 50A 6 Cell and Molecular Engineering (4) | No course articulated |
| BME 50B 6 Cell and Molecular Engineering (4) | |
|--------------------------------------------------------------------------------|
| BME 60A Engineering Analysis/Design: Data (4) | No course articulated |
| Acquisition (4) | |
|--------------------------------------------------------------------------------|
| END OF BIOMEDICAL ENGINEERING | |
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine
| From: Norco College

================================================================================

====Biomedical Engineering: Pre-Medical, B.S.====

Preference will be given to junior-level applicants with the highest grades overall who have satisfactorily completed the following major-preparation courses with a grade of C or better by the end of spring term prior to transfer.

- Both Single Variable Calculus I (C-ID MATH 210 or MATH 211)
  + Single Variable Calculus II (C-ID MATH 220 or MATH 221)
  or Single Variable Calculus Sequence (C-ID MATH 900S or 910S)
- Multivariable Calculus (C-ID MATH 230)
- Both Ordinary Differential Equations (C-ID MATH 240)
  + Introduction to Linear Algebra (C-ID MATH 250)
  or Differential Equations and Linear Algebra (C-ID MATH 910S)
- All 3 Calculus-Based Physics for Scientists and Engineers: A (C-ID PHYS 205)
  + Calculus-Based Physics for Scientists and Engineers: B (C-ID PHYS 210)
  + Calculus-Based Physics for Scientists and Engineers: C (C-ID PHYS 215)
  or Calculus-Based Physics for Scientists and Engineers: ABC (C-ID PHYS 200S)
- General Chemistry for Science Majors Sequence A (C-ID CHEM 120S)
- Organic Chemistry for Science Majors Sequence A (C-ID CHEM 160S)
- Programming and Problem Solving in MATLAB (C-ID ENGR 220)

Students must have a cumulative GPA of 3.0 in required courses.

The following courses are not required for transfer consideration, however the degree cannot be completed in two years without them:
- Engineering Graphics (C-ID ENGR 150)

Additional courses listed will transfer and be used toward the degree but will not have a meaningful impact on the time to complete the degree. Students should not delay transfer in order to complete these courses.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

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MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

| MATH 2A & Single-Variable Calculus (4) | MAT 1A & Calculus I (4) |
| MATH 2B Single-Variable Calculus (4) | MAT 1B Calculus II (4) |
| MATH 2D Multivariable Calculus (4) | MAT 1C Calculus III (4) |
| MATH 2E Multivariable Calculus (4) | MAT 1C Calculus III (4) |
| MATH 3A Introduction to Linear Algebra (4) | MAT 3 Linear Algebra (3) |
Articulation Agreement by Major
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MATH 3D  Elementary Differential Equations (4)  MAT 2  Differential Equations (4)

CHEM 1A & General Chemistry (4)  CHEM 1B & General Chemistry (4)  CHEM 1C & General Chemistry (4)
CHEM 1LC & General Chemistry (4)  CHEM 1LD & General Chemistry (4)

CHEM 51A & Organic Chemistry (4)  CHEM 51LB & Organic Chemistry (4)
CHEM 51B & Organic Chemistry (4)  CHEM 51C & Organic Chemistry (4)
CHEM 51LC & Organic Chemistry (4)

PHYSICS 7C & Classical Physics (4)  PHYSICS 7LC & Classical Physics (4)
PHYSICS 7D & Classical Physics (4)  PHYSICS 7LD & Classical Physics (4)
PHYSICS 7E & Classical Physics (4)

BME 60B  Engineering Analysis/Design: Data Analysis (4)

MAJOR PREPARATION COURSES NECESSARY TO GRADUATE IN 2 YEARS

BIO SCI 97  Genetics (4)
BIO SCI 98  Biochemistry (4)
BIO SCI 99  Molecular Biology (4)
BIO SCI 100  Scientific Writing (3)
BME 1  Introduction to Biomedical Engineering (3)
BME 60A  Engineering (4)

ADDITIONAL MAJOR REQUIREMENTS
Articulation Agreement by Major  
Effective during the 18-19 Academic Year 
Applies to Fall 2019 and Fall 2020 Admissions  

To: UC Irvine  |  From: Norco College

================================================================================
Analysis/Design: Data   |   Acquisition
================================================================================

END OF BIOMEDICAL ENGINEERING: PREMEDICAL
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine
From: Norco College
================================================================================
==Business Administration, B.A.==

The Business Administration major at The Paul Merage School of Business offers a traditional business curriculum similar to those at other top business schools in the country. The major is broad, drawing on the social sciences more generally to study organizations, interpersonal communication skills, individual and group behavior, leadership, strategy, financial and accounting issues, ethics, information technology, marketing, and a variety of other topics in the context of a rapidly changing global environment.

Students select a minimum of one of seven emphases from the following:
- Accounting
- Finance
- Health Care Management
- Information Systems
- Marketing
- Operations and Decision Technologies
- Organization and Management

Transfer Students: Preference for admission will be given to Junior-level applicants with the highest grades overall (minimum cumulative GPA of 3.0) who satisfactorily complete lower-division courses equivalent to the following:
- Calculus (MATH 2A - 2B),
- Economics (ECON 20A - 20B),
- Statistics (MGMT 7), and
- Accounting (MGMT 30A, 30B)

MGMT 1 may be completed at UCI.

Admission to the major will be competitive due to limited space availability.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

================================================================================

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

| MATH 2A & | Single-Variable Calculus | (4) | MAT 1A & | Calculus I | (4) |
| MATH 2B | Single-Variable Calculus | (4) | MAT 1B | Calculus II | (4) |
| ECON 20A & | Basic Economics I | (4) | ECO 8 & | Principles of Microeconomics | (3) |
| ECON 20B | Basic Economics II | (4) | ECO 7 | Principles of Macroeconomics | (3) |
| | | | | | |
### Articulation Agreement by Major

**Effective during the 18-19 Academic Year**

**Applies to Fall 2019 and Fall 2020 Admissions**

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</table>

|================================================================================|
| OR |
| ECO 7H Honors Principles of Macroeconomics |
|================================================================================|
| MGMT 7 Statistics for Business (4) OR MAT 12 Statistics (4) |
| Decision Making |
| OR |
| MAT 12H Honors Statistics (4) |
|================================================================================|
| MGMT 30A Principles of Accounting (4) OR ACC 1A Principles of Accounting (3) |
| I |
| I |
|================================================================================|
| MGMT 30B Principles of Accounting (4) OR ACC 1B Principles of Accounting (3) |
| II |
| II |

#### ADDITIONAL APPROVED COURSES FOR THE MAJOR

| MGMT 1 Introduction to Business (4) OR BUS 10 Introduction to Business (3) |
| and Management |

#### END OF BUSINESS ADMINISTRATION
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Norco College

================================================================================

====Business Economics, B.A.====

Transfer applicants with the highest grades overall who satisfactorily complete course prerequisites will be given preference for admission.

All applicants must complete the following courses:
- one course in microeconomics,
- one course in macroeconomics, and
- two quarters or two semesters of approved first-year calculus

All required courses must be completed with a grade of B or better in each course.

**NOTE**: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).


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**MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER**

<table>
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<tr>
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<th>Title</th>
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</tr>
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<tbody>
<tr>
<td>ECON 20A</td>
<td>Basic Economics I</td>
<td>4</td>
</tr>
<tr>
<td>ECO 8</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 20B</td>
<td>Basic Economics II</td>
<td>4</td>
</tr>
<tr>
<td>ECO 7</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
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<tr>
<td>OR</td>
<td>ECO 7H</td>
<td>Honors Principles of Macroeconomics</td>
</tr>
<tr>
<td>MATH 2A</td>
<td>Single-Variable Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2B</td>
<td>Single-Variable Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MAT 1A</td>
<td>Calculus I</td>
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<tr>
<td>MAT 1B</td>
<td>Calculus II</td>
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**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 15A</td>
<td>Probability and Statistics in Economics I</td>
<td>4</td>
</tr>
<tr>
<td>ECON 15B</td>
<td>Probability and Statistics in Economics II</td>
<td>4</td>
</tr>
<tr>
<td>ECON 25</td>
<td>The Economics of Accounting Decisions</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td>ACC 1A</td>
<td>Principles of Accounting, I</td>
</tr>
<tr>
<td>MGMT 30A</td>
<td>Principles of Accounting</td>
<td>4</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine
From: Norco College

(Acceptable substitute, ECON 25 preferred)

<table>
<thead>
<tr>
<th>MATH 4</th>
<th>Mathematics for Economists (4)</th>
<th>MAT 1C &amp; Calculus III (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MAT 3 Linear Algebra (3)</td>
<td></td>
</tr>
</tbody>
</table>

Two introductory Social Science courses in disciplines other than Economics:

| ANT 1  | Physical Anthropology (3)     |
| ANT 2  | Cultural Anthropology (3)     |
| ANT 8  | Language and Culture (3)      |
| ENG 16 | Introduction to Linguistics (3)|
| GEG 1  | Physical Geography (3)        |
| PSY 1  | General Psychology (3)        |
| SOC 1  | Introduction to Sociology (3) |

In addition to the School of Social Sciences Math Requirement, all students are required to take coursework equivalent to I&C SCI 31 or SOC SCI 3A.

<table>
<thead>
<tr>
<th>I&amp;C SCI 31 Introduction to Programming (4)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Same as: CSE 41</td>
<td></td>
</tr>
</tbody>
</table>

| OR | OR |

<table>
<thead>
<tr>
<th>SOC SCI 3A Computer-Based Research (4)</th>
<th>No course articulated-Course must be completed at UCI</th>
</tr>
</thead>
</table>

END OF BUSINESS ECONOMICS
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  
To: UC Irvine  | From: Norco College  
================================================================================  
bewuzt Business Information Management, B.S.====  

PLEASE NOTE: For Fall 2019 applicants, a minimum grade of B will be required in all major prerequisite courses.

PLEASE NOTE: This major will not participate in TAG starting with Fall 2020 admission.

1. Complete two semesters/two quarters of approved first-year Calculus

2. One year of computer programming courses in a single object-language. For example Python, Java, or C++. Object-oriented or higher-level programming language courses that do not directly articulate to I&C SCI 31-33 can be used to satisfy the admissions requirements. Introduction to computer science courses do not meet this requirement.

3. One year of introductory accounting theory and practice equivalent to UCI's MGMT 30A - MGMT 30B

4. One year of micro- and macro-economics theory equivalent to UCI's ECON 20A - ECON 20B

*NOTE: The introductory sequence in ICS has moved to Python. The Bren School of ICS strongly encourages all participants to become familiar with this programming language prior to matriculation. Additional computer science courses beyond the two required are strongly recommended, particularly those that align with the major(s) of interest. Java is used extensively in the curriculum; therefore, transfer students should plan to learn it by studying on their own or by completing a Java-related programming course prior to their first quarter at UCI. Courses in Visual Basic, C, and C# are not approved preparation for this major.

Additional courses beyond those required for admission must be taken to fulfill the lower-division degree requirements, as many are prerequisites for upper-division courses. For some transfer students, this may mean that it will take longer than two years to complete their degree.

The Business Information Management major is offered jointly by The Donald Bren School of Information and Computer Sciences and The Paul Merage School of Business. More information is available at http://www.ics.uci.edu/ugrad or at The Bren School of ICS Student Affairs Office; telephone (949) 824-5156; email: ucounsel@uci.edu.

================================================================================  

NOTE: Students majoring in Business Information Management may not double major in Business Administration nor minor in Management, Innovation and Entrepreneurship, Informatics, or Information and Computer Science.

================================================================================  

NOTE: Students should have I&C SCI 31-33 credit first in order to move further into the program here at UCI.

================================================================================  

NOTE: In fulfillment of the requirements below, a single course may be used
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Norco College

================================================================================
only once.
================================================================================
For information on Transfer Credit for Advanced Placement Exams and International
Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospective
students/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to

================================================================================
MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER
================================================================================
| MATH 2A  | Single-Variable Calculus | (4) | MAT 1A  | Calculus I | (4) |
| MATH 2B  | Single-Variable Calculus | (4) | MAT 1B  | Calculus II | (4) |

| I&C SCI 31  | Introduction to Programming | (4) | No course articulated |
| I&C SCI 32  | Programming with Software Libraries | (4) | No course articulated |
| I&C SCI 33  | Intermediate Programming | (4) | No course articulated |

| MGMT 30A  | Principles of Accounting | (4) | ACC 1A  | Principles of Accounting | (3) |
| MGMT 30B  | Principles of Accounting | (4) | ACC 1B  | Principles of Accounting | (3) |

| ECON 20A  | Basic Economics I | (4) | ECO 8  | Principles of Microeconomics | (3) |
| ECON 20B  | Basic Economics II | (4) | ECO 7  | Principles of Macroeconomics | (3) |
| OR | ECO 7H  | Honors Principles of Macroeconomics | (3) |

| ECON 20A  | Basic Economics I | (4) | ECO 8  | Principles of Microeconomics | (3) |
| ECON 20B  | Basic Economics II | (4) | ECO 7  | Principles of Macroeconomics | (3) |
| OR | ECO 7H  | Honors Principles of Macroeconomics | (3) |

| I&C SCI 45J  | Programming in Java as a Second Language | (4) | No course articulated |
| IN4MATX 43  | Introduction to Software Engineering | (4) | No course articulated |

| I&C SCI 6D  | Discrete Mathematics for Computer Science | (4) | No course articulated |
| MATH 6G  | Linear Algebra | (4) | MAT 3  | Linear Algebra | (3) |
Articulation Agreement by Major
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To: UC Irvine
From: Norco College

I&C SCI 6N    Computational Linear Algebra    (4)
| No course articulated

STATS 7    Basic Statistics    (4)
| MAT 12    Statistics    (4)
| OR
| OR
| OR

STATS 8    Introduction to Biological Statistics    (4)
| MAT 12H    Honors Statistics    (4)
| OR
| OR

STATS 67    Introduction to Probability and Statistics for Computer Science    (4)
| No course articulated

END OF BUSINESS INFORMATION MANAGEMENT
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  
To: UC Irvine | From: Norco College

================================================================================

====Chemical Engineering, B.S.====

Preference will be given to junior-level applicants with the highest grades overall who have satisfactorily completed the following major-preparation courses with a grade of C or better by the end of spring term prior to transfer.

- Both Single Variable Calculus I (C-ID MATH 210 or MATH 211)  
  + Single Variable Calculus II (C-ID MATH 220 or MATH 221)  
  or Single Variable Calculus Sequence (C-ID MATH 900S or 910S)  
- Both Ordinary Differential Equations (C-ID MATH 240)  
  + Introduction to Linear Algebra (C-ID MATH 250)  
  or Differential Equations and Linear Algebra (C-ID MATH 910S)  
- Both Calculus-Based Physics for Scientists and Engineers: A (C-ID PHYS 205)  
  + Calculus-Based Physics for Scientists and Engineers: B (C-ID PHYS 210)  
  or Calculus-Based Physics for Scientists and Engineers: ABC (C-ID PHYS 200S)  
- General Chemistry for Science Majors Sequence A (C-ID CHEM 120S)  
- Organic Chemistry for Science Majors Sequence A (C-ID CHEM 160S)  
- Programming and Problem Solving in MATLAB (C-ID ENGR 220)  
  or Introduction to Programming Concepts and Methodologies for Engineers (C-ID ENGR 120)

Students must have a cumulative GPA of 3.0 in required courses.

Additional courses listed will transfer and be used toward the degree but will not have a meaningful impact on the time to complete the degree. Students should not delay transfer in order to complete these courses.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

| MATH 2A & | Single-Variable Calculus | (4) | MAT 1A & | Calculus I | (4) |
| MATH 2B | Single-Variable Calculus | (4) | MAT 1B | Calculus II | (4) |
| MATH 2D | Multivariable Calculus | (4) | MAT 1C | Calculus III | (4) |
| MATH 2E | Multivariable Calculus | (4) | MAT 1C | Calculus III | (4) |
| MATH 3A | Introduction to Linear Algebra | (4) | MAT 3 | Linear Algebra | (3) |
| MATH 3D | Elementary Differential Equations | (4) | MAT 2 | Differential Equations | (4) |
# Articulation Agreement by Major

**Effective during the 18-19 Academic Year**

Applies to Fall 2019 and Fall 2020 Admissions

<table>
<thead>
<tr>
<th>To: UC Irvine</th>
<th>From: Norco College</th>
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</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<th>Course Code</th>
<th>Course Title</th>
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<td>CHEM 1A</td>
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</tr>
<tr>
<td>CBEMS 45A</td>
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<td>4</td>
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<td>Chemical Processing and</td>
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<td>Materials Balances</td>
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<td>Materials Balances</td>
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<tr>
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<td>OR</td>
<td></td>
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<tr>
<td>CBEMS 45B</td>
<td>Chemical Processing and</td>
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<td>Energy Balances</td>
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<td>CBEMS 45C</td>
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<tr>
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<td>OR</td>
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</tr>
<tr>
<td>BIO SCI 98</td>
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<td>4</td>
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<tr>
<td>BIO SCI 99</td>
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<td>OR</td>
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<td>BME 50A</td>
<td>Cell and Molecular Engineering</td>
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<td>BME 50A</td>
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</tr>
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</table>
Articulation Agreement by Major
Effective during the 18-19 Academic Year
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To: UC Irvine          | From: Norco College

PEND OF CHEMICAL ENGINEERING
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Norco College
============================================================================

====Chemistry, B.S.====

Preference will be given to junior-level applicants with the highest grades overall who have satisfactorily completed the following **required** courses:

- one year of general chemistry with laboratory with a grade of B or better in each course
- one year of approved calculus

Completion of one year of organic chemistry is strongly recommended.

Transfer students **must** have a cumulative GPA of 3.0 or higher.

Optional concentrations are offered in Biochemistry and Chemistry Education with optional Secondary Teaching Certification. Information is available at: (949) 824-6507, ps.uci.edu.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospective students/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

============================================================================

**MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER**

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**Important:** Articulation of general chemistry is based on the completion of the **entire** year. Students wishing information on course-to-course equivalencies (semester to quarter) should contact the Physical Sciences Student Affairs Office at: pssazot@uci.edu.

| Chem 1A & | General Chemistry | (4) | CHE 1A | General Chemistry, I | (5) |
| Chem M2LA & | Majors General Chemistry | (2) | OR | CHE 1AH & | Honors General Chemistry, I | (5) |
| Chem 1B & | General Chemistry | (4) | CHE 1B | General Chemistry, II | (5) |
| Chem M2LB & | Majors General Chemistry | (2) | CHE 1BH | Honors General Chemistry, II | (5) |
| Chem M3C | Majors Quantitative Analysis | (3) | CHE 1C | Analytical Chemistry | |

| Math 2A & | Single-Variable Calculus | (4) | MAT 1A & | Calculus I | (4) |
| Math 2B | Single-Variable Calculus | (4) | MAT 1B | Calculus II | (4) |

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**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

| Chem 3LC | Majors Quantitative Analysis | (3) | No course articulated |
| Chem 3LC | Laboratory | |

Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Norco College

================================================================================
CHEM M52LA  Majors Organic  (2) |
               Chemistry Laboratory  |
================================================================================
CHEM 51B    & Organic Chemistry (4) |CHE 12A & Organic Chemistry, I  (5)
CHEM M52LB  & Majors Organic  (2) |CHE 12B    Organic Chemistry, II  (5)
               Chemistry Laboratory  |
CHEM 51C    & Organic Chemistry (4) |
CHEM M52LC  & Majors Organic  (2) |
               Chemistry Laboratory  |
================================================================================
MATH 2D     Multivariable Calculus (4) |MAT 1C     Calculus III  (4)
================================================================================
PHYSICS 7C  & Classical Physics (4) |PHY 4A & Mechanics  (4)
PHYSICS 7LC & Classical Physics (1) |
               Laboratory  |
PHYSICS 7D  & Classical Physics (4) |PHY 4B    Electricity and  (4)
PHYSICS 7LD & Classical Physics (1) |          Magnetism  |
               Laboratory  |
PHYSICS 7E  Classical Physics (4) |
================================================================================
Additional electives chosen from: |Additional electives chosen from:
BIO SCI 98  Biochemistry  (4) |No course articulated
BIO SCI 99  Molecular Biology (4) |No course articulated
================================================================================

END OF CHEMISTRY
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  
To: UC Irvine  |  From: Norco College

================================================================================

==Chicano/Latino Studies, B.A.==

This major does not require completion of prerequisites for admission as a transfer student.

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**NOTE:** In fulfillment of the requirements below, a single course may be used only once.

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For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).


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<table>
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<tr>
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<th>Course Name</th>
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<tbody>
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<td>(4)</td>
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<tr>
<td></td>
<td>I</td>
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</tr>
<tr>
<td>CHC/LAT 62</td>
<td>Introduction to Chicano/Latino Studies</td>
<td>(4)</td>
</tr>
<tr>
<td></td>
<td>II</td>
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</tr>
<tr>
<td>CHC/LAT 63</td>
<td>Introduction to Chicano/Latino Studies</td>
<td>(4)</td>
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<tr>
<td></td>
<td>III</td>
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<td>HIS 31</td>
<td>Introduction to Chicano Studies</td>
</tr>
<tr>
<td></td>
<td>One additional course in Chicano/Latino Studies</td>
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</tr>
<tr>
<td></td>
<td>One course in African-American or Asian American Studies</td>
<td>(3)</td>
</tr>
<tr>
<td></td>
<td>HIS 14</td>
<td>African American History</td>
</tr>
<tr>
<td></td>
<td>Two introductory courses in Social Sciences</td>
<td>(3)</td>
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<tr>
<td></td>
<td>ANT 1</td>
<td>Physical Anthropology</td>
</tr>
<tr>
<td></td>
<td>ANT 2</td>
<td>Cultural Anthropology</td>
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<td></td>
<td>ECO 7</td>
<td>Principles of Macroeconomics</td>
</tr>
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<tr>
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<td>ECO 8</td>
<td>Principles of Microeconomics</td>
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<td>ENG 16</td>
<td>Introduction to Linguistics</td>
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<td>PSY 1</td>
<td>General Psychology</td>
</tr>
<tr>
<td></td>
<td>SOC 1</td>
<td>Introduction to Linguistics</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Norco College

<table>
<thead>
<tr>
<th>Sociology</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPANISH 2A  Intermediate Spanish (4)</td>
</tr>
</tbody>
</table>

**SCHOOL OF SOCIAL SCIENCES MATH REQUIREMENT:** All students are required to take either: 1) One semester of calculus and one semester of statistics, or 2) Two quarters of calculus and one of statistics, or 3) One year of statistics.

| MATH 2A  Single-Variable Calculus (4) | MAT 1A  Calculus I (4) |
| MATH 2B  Single-Variable Calculus (4) | MAT 12  Statistics (4) |
| STATS 7  Basic Statistics (4) OR MAT 12H  Honors Statistics (4) |

| MGMT 7  Statistics for Business (4) OR SOC SCI 10A  Probability and Statistics in the Social Sciences I (4) |
| OR SOC SCI 10B  Probability and Statistics in the Social Sciences II (4) |
| OR SOC SCI 10C  Probability and Statistics in the Social Sciences III (4) |

In addition to the School of Social Sciences Math Requirement, all students are required to take coursework equivalent to I&C SCI 31 or SOC SCI 3A.

| I&C SCI 31  Introduction to Programming (4) OR SOC SCI 3A  Computer-Based Research (4) |
| Same as: CSE 41 OR Course must be completed at UCI |

END OF CHICANO/LATINO STUDIES
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Norco College

================================================================================
====Chinese Studies, B.A.====

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly: www.humanities.uci.edu/undergrad/academics/lang.php

================================================================================

NOTE: A UCI placement test is required prior to enrolling in UCI language courses.

================================================================================

Chinese Studies majors must choose an emphasis in one of the following:
- Chinese Language and Literature
- Chinese Culture and Society

================================================================================

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduatedmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

================================================================================

EMPHASIS IN CHINESE LANGUAGE AND LITERATURE OR CHINESE CULTURE AND SOCIETY:

<table>
<thead>
<tr>
<th>CHINESE 1A &amp; Fundamental Mandarin (5)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHINESE 1B &amp; Fundamental Mandarin (5)</td>
<td></td>
</tr>
<tr>
<td>CHINESE 1C &amp; Fundamental Mandarin (5)</td>
<td></td>
</tr>
</tbody>
</table>

================================================================================


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CHINESE 2A &  Intermediate Mandarin   (5) | No course articulated
Chinese                    |
CHINESE 2B &  Intermediate Mandarin   (5) |
Chinese                    |
CHINESE 2C  Intermediate Mandarin   (5) |
Chinese                    |

================================================================================

One additional course in Chinese | One additional course from:
literature, culture, history, art |
history, linguistics, film & media, |
religion, philosophy, gender studies, or |
comparative literature |

================================================================================

EMPHASIS IN CHINESE LANGUAGE AND LITERATURE ADD:

================================================================================

CHINESE 3A &  Advanced Mandarin       (4) | No course articulated
Chinese                    |
CHINESE 3B &  Advanced Mandarin       (4) |
Chinese                    |
CHINESE 3C  Advanced Mandarin       (4) |
Chinese                    |

================================================================================

At least one course from each area for a | At least one course from each area
total of four semester or six quarter | (Writing, Literature, History, and
courses:                                 | Philosophy) for a total of four
|semester courses:
|

LOWER-DIVISION WRITING | WRITING
| ENG 1A  English Composition   (4) |
| OR
| ENG 1AH Honors English Composition (4) |
| ENG 1B Critical Thinking and Writing (4) |
| OR
| ENG 1BH Honors Critical Thinking and Writing (4) |

ENGLISH LITERATURE | LITERATURE
| ENG 6  British Literature I: Anglo-Saxon through Eighteenth Century (3) |
| ENG 7  British Literature II: Romanticism through Postmodernism (3) |
| ENG 14 American Literature I: Pre-Contact through Civil War (3) |
| ENG 15 American Literature II: 1860 to the Present (3) |
| ENG 40 World Literature I: From Ancient Literatures to (3) |
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<table>
<thead>
<tr>
<th>To: UC Irvine</th>
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</tr>
</thead>
<tbody>
<tr>
<td>ENG 41</td>
<td>World Literature II: the Seventeenth Century (3)</td>
</tr>
<tr>
<td></td>
<td>Seventeenth Century Through the Present</td>
</tr>
</tbody>
</table>

### HISTORY

<table>
<thead>
<tr>
<th>COURSE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 1</td>
<td>History of World Civilizations I (3)</td>
</tr>
<tr>
<td>HIS 2</td>
<td>History of World Civilizations II (3)</td>
</tr>
<tr>
<td>HIS 6</td>
<td>Political and Social History of the United States (3)</td>
</tr>
<tr>
<td>HIS 6H</td>
<td>Honors Political and Social History of the United States (3)</td>
</tr>
<tr>
<td>HIS 7</td>
<td>Political and Social History of the United States (3)</td>
</tr>
<tr>
<td>HIS 7H</td>
<td>Honors Political and Social History of the United States (3)</td>
</tr>
<tr>
<td>HIS 10</td>
<td>Introduction to Philosophy (3)</td>
</tr>
<tr>
<td>PHI 10H</td>
<td>Honors Introduction to Philosophy (3)</td>
</tr>
<tr>
<td>PHI 12</td>
<td>Introduction to Ethics: Contemporary Moral Issues (3)</td>
</tr>
<tr>
<td>PHI 35</td>
<td>Philosophy of Religion (3) Same as: HUM 35</td>
</tr>
<tr>
<td>HUM 35</td>
<td>Philosophy of Religion (3) Same as: PHI 35</td>
</tr>
</tbody>
</table>

### PHILOSOPHY

<table>
<thead>
<tr>
<th>COURSE</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>HUMAN 1A</td>
<td>Humanities Core Lecture (4)</td>
</tr>
<tr>
<td>HUMAN 1B</td>
<td>Humanities Core Lecture (4)</td>
</tr>
<tr>
<td>HUMAN 1C</td>
<td>Humanities Core Lecture (4)</td>
</tr>
<tr>
<td>HUMAN 1AS</td>
<td>Humanities Core Writing (4)</td>
</tr>
<tr>
<td>HUMAN 1BS</td>
<td>Humanities Core Writing (4)</td>
</tr>
<tr>
<td>HUMAN 1CS</td>
<td>Humanities Core Writing (4)</td>
</tr>
<tr>
<td>HUM 4</td>
<td>Arts and Ideas: Ancient World through the Late Medieval Period (3)</td>
</tr>
<tr>
<td>HUM 4H</td>
<td>Honors Arts and Ideas: Ancient World through the Late Medieval Period (3)</td>
</tr>
<tr>
<td>HUM 5</td>
<td>Arts and Ideas: The Renaissance through the Modern Era (3)</td>
</tr>
<tr>
<td>OR</td>
<td>OR</td>
</tr>
</tbody>
</table>

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**Note:** The above information is a simplified representation of the content found in the image. Further details and specific course descriptions may be available in the full document.
Articulation Agreement by Major  
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To: UC Irvine  |  From: Norco College  

| HUM 5H | Honors Arts and Ideas: The Renaissance through the Modern Era (3)  
| **AND**  |  
| ENG 1A | English Composition (4)  
| **OR**  |  
| ENG 1AH & | Honors English Composition (4)  
| **OR**  |  
| ENG 1B | Critical Thinking and Writing (4)  
| **OR**  |  
| ENG 1BH | Honors Critical Thinking and Writing (4)  

END OF CHINESE STUDIES
Articulation Agreement by Major
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================================================================================

====Civil Engineering, B.S.====

Preference will be given to junior-level applicants with the highest grades
overall who have satisfactorily completed the following major-preparation
courses with a grade of C or better by the end of spring term prior to transfer.

- Both Single Variable Calculus I (C-ID MATH 210 or MATH 211)
  + Single Variable Calculus II (C-ID MATH 220 or MATH 221)
  or Single Variable Calculus Sequence (C-ID MATH 900S or 910S)
- Multivariable Calculus (C-ID MATH 230)
- Both Ordinary Differential Equations (C-ID MATH 240)
  + Introduction to Linear Algebra (C-ID MATH 250)
  or Differential Equations and Linear Algebra (C-ID MATH 910S)
- Both Calculus-Based Physics for Scientists and Engineers: A (C-ID PHYS 205)
  + Calculus-Based Physics for Scientists and Engineers: B (C-ID PHYS 210)
  or Calculus-Based Physics for Scientists and Engineers: ABC (C-ID PHYS 200S)
- General Chemistry for Science Majors Sequence A (C-ID CHEM 120S)
- Programming and Problem Solving in MATLAB (C-ID ENGR 220)

Students must have a cumulative GPA of 3.0 in required courses.

The following courses are not required for transfer consideration, however the
degree cannot be completed in two years without them:
- Introduction to Statistics (C-ID MATH 110)
- Statics (C-ID ENGR 130)
- Engineering Graphics (C-ID ENGR 150)

Additional courses listed will transfer and be used toward the degree but will
not have a meaningful impact on the time to complete the degree. Students should
not delay transfer in order to complete these courses.

For information on Transfer Credit for Advanced Placement Exams and International
Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospective
students/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to

================================================================================

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

<table>
<thead>
<tr>
<th>MATH 2A &amp; MATH 2B</th>
<th>Single-Variable Calculus 4</th>
<th>MAT 1A &amp; MAT 1B</th>
<th>Calculus I 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2D</td>
<td>Multivariable Calculus 4</td>
<td>MAT 1C</td>
<td>Calculus III 4</td>
</tr>
<tr>
<td>MATH 2E</td>
<td>Multivariable Calculus 4</td>
<td>MAT 1C</td>
<td>Calculus III 4</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>Introduction to Linear Algebra 4</td>
<td>MAT 3</td>
<td>Linear Algebra 3</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major  
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<table>
<thead>
<tr>
<th>To: UC Irvine</th>
<th>From: Norco College</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Major</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 3D</td>
<td>Elementary Differential Equations</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PHICS 7C</td>
<td>Classical Physics</td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>PHICS 7AC</td>
<td>Classical Physics</td>
<td>(1)</td>
<td></td>
</tr>
<tr>
<td>PHICS 7D</td>
<td>Classical Physics</td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7LD</td>
<td>Classical Physics</td>
<td>(1)</td>
<td></td>
</tr>
<tr>
<td>ENGR 1A</td>
<td>General Chemistry for Engineers</td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>CHEM 1B</td>
<td>General Chemistry</td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1A</td>
<td>General Chemistry</td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>CHEM 1B</td>
<td>General Chemistry</td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>AND</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1C</td>
<td>General Chemistry</td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>CHEM 1LC</td>
<td>General Chemistry</td>
<td>(2)</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1LE</td>
<td>Accelerated General Chemistry Laboratory</td>
<td>(3)</td>
<td></td>
</tr>
<tr>
<td>ENGRCEE 20</td>
<td>Engineering Problem Solving</td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>ENGRCEE 11</td>
<td>Methods II: Probability and Statistics</td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>ENGRMAE 30</td>
<td>Statics</td>
<td>(4)</td>
<td>Same as: ENGR 30, ENGRCEE 30</td>
</tr>
<tr>
<td>ENGRCEE 81A</td>
<td>Civil Engineering Practicum I</td>
<td>(3)</td>
<td></td>
</tr>
<tr>
<td>ECON 20A</td>
<td>Basic Economics I</td>
<td>(4)</td>
<td>ECO 8 Principles of Microeconomics</td>
</tr>
<tr>
<td>ECON 20B</td>
<td>Basic Economics II</td>
<td>(4)</td>
<td>ECO 7 Principles of Macroeconomics</td>
</tr>
</tbody>
</table>

**MAJOR PREPARATION COURSES NECESSARY TO GRADUATE IN 2 YEARS**

**ADDITIONAL MAJOR REQUIREMENTS**
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| ECO 7H  | Honors Principles of Macroeconomics |

| ENGRCEE 60 | Contemporary and Emerging Environmental Challenges (4)  | No course articulated |
| OR         | OR                                                   |
| SOCECOL E8 | Introduction to Environmental Analysis and Design (4) | BIO 19 | Environmental Science (3) |

ADDITIONAL MAJOR ELECTIVES

One course from the following:

| EECS 70A | Network Analysis I (4) | No course articulated |
| ENGR 7A  | Introduction to Engineering I (2) | No course articulated |
| AND      | AND                     |
| ENGR 7B  | Introduction to Engineering II (2) | No course articulated |
| ENGR 54  | Principles of Materials Science and Engineering (4) | No course articulated |
| ENGRMAE 80 | Dynamics (4) | No course articulated |
| Same as: ENGR 80, ENGRCEE 80 |
| ENGRMAE 91 | Introduction to Thermodynamics (4) | No course articulated |

One course from the following:

| BIO SCI 55 | Introduction to Ecology (4) | No course articulated |
| BIO SCI 65 | Biodiversity and Conservation (4) | No course articulated |
| BIO SCI 93 | From DNA to Organisms (4) | BIO 60 | Introduction to Molecular and Cellular Biology (5) |

| EARTHSS 1 | The Physical Environment (4) | No course articulated |
| EARTHSS 3 | Oceanography (4) | No course articulated |
| EARTHSS 5 | The Atmosphere (4) | No course articulated |
| EARTHSS 7 | Physical Geology (5) | No course articulated |
| EARTHSS 15 | Introduction to Global (4) | No course articulated |
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<table>
<thead>
<tr>
<th>Climate Change</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EARTHSS 17</td>
<td>Hurricanes, Tsunamis, and other Catastrophes</td>
</tr>
<tr>
<td>EARTHSS 19</td>
<td>Introduction to Modeling the Earth System</td>
</tr>
</tbody>
</table>

END OF CIVIL ENGINEERING
Articulation Agreement by Major
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To: UC Irvine  | From: Norco College

================================================================================

====Classics, B.A.====

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly: www.humanities.uci.edu/undergrad/academics/lang.php

================================================================================

Classics majors must complete the Humanities Core requirement listed at the end of this document, and choose an emphasis in:

A. Greek and Latin Language and Literature (Greek or Latin focus); or
B. Latin Language and Literature; or
C. Classical Civilization

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

-----------------------------------------------

A. Greek and Latin Language and Literature Emphasis (Greek or Latin focus)

Course work equivalent to two years of college level Greek and Latin

<table>
<thead>
<tr>
<th>Greek Focus:</th>
<th>Greek Focus:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLASSIC 36A &amp; The Formation of Ancient Greek Society:</td>
<td>No course articulated (4)</td>
</tr>
</tbody>
</table>
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| Early Greece | |
| Same as: HISTORY 36A | |
| CLASSIC 36B & The Formation of (4) | |
| Ancient Greek Society: | |
| Late Archaic and Classical Greece | |
| Same as: HISTORY 36B | |
| CLASSIC 36C The Formation of (4) | |
| Ancient Greek Society: | |
| Fourth-Century and Hellenistic Greece | |
| Same as: HISTORY 36C | |
| OR | OR |

Latin Focus: | Latin Focus: |
| CLASSIC 37A & The Formation of (4) | No course articulated |
| Ancient Roman Society: | |
| Origins to Roman | |
| Republic | |
| Same as: HISTORY 37A | |
| CLASSIC 37B & The Formation of (4) | |
| Ancient Roman Society: | |
| Roman Empire | |
| Same as: HISTORY 37B | |
| CLASSIC 37C The Formation of (4) | |
| Ancient Roman Society: | |
| The Fall of Rome | |
| Same as: HISTORY 37C | |

---

B. Latin Language and Literature Emphasis

---

| CLASSIC 37A & The Formation of (4) | No course articulated |
| Ancient Roman Society: | |
| Origins to Roman | |
| Republic | |
| Same as: HISTORY 37A | |
| CLASSIC 37B & The Formation of (4) | |
| Ancient Roman Society: | |
| Roman Empire | |
| Same as: HISTORY 37B | |
| CLASSIC 37C The Formation of (4) | |
| Ancient Roman Society: | |
| The Fall of Rome | |
| Same as: HISTORY 37C | |

---

Course work equivalent to two years of college level Latin

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C. Classical Civilization Emphasis

---

| CLASSIC 36A & The Formation of (4) | No course articulated |
| Ancient Greek Society: | |
# Articulation Agreement by Major

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<table>
<thead>
<tr>
<th>To: UC Irvine</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Early Greece</td>
<td></td>
</tr>
</tbody>
</table>

**Same as:** HISTORY 36A  
CLASSIC 36B & The Formation of Ancient Greek Society: Late Archaic and Classical Greece  
**Same as:** HISTORY 36B  
CLASSIC 36C The Formation of Ancient Greek Society: Fourth-Century and Hellenistic Greece  
**Same as:** HISTORY 36C  
**OR**  
CLASSIC 37A & The Formation of Ancient Roman Society: Origins to Roman Republic  
**Same as:** HISTORY 37A  
CLASSIC 37B & The Formation of Ancient Roman Society: Roman Empire  
**Same as:** HISTORY 37B  
CLASSIC 37C The Formation of Ancient Roman Society: The Fall of Rome  
**Same as:** HISTORY 37C  
**OR**  
CLASSIC 45A & Classical Mythology: The Gods  
CLASSIC 45B & Classical Mythology: The Heroes  
CLASSIC 45C Classical Mythology: Ancient and Modern Perspectives of Classical Mythology  
**OR**  
GREEK 1A & Fundamentals of Greek  
GREEK 1B & Fundamentals of Greek  
GREEK 1C Fundamentals of Greek  
**OR**  
LATIN 1A & Fundamentals of Latin  
LATIN 1B & Fundamentals of Latin  
LATIN 1C Fundamentals of Latin  
**OR**  
Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level)  
| JPN 4 Japanese 4 (5)  
| SPA 4 Spanish 4 (5)  
At least one course from each area for a total of four semester or six quarter courses:  
| (Writing, Literature, History, and Philosophy) for a total of four
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<table>
<thead>
<tr>
<th>semester courses:</th>
</tr>
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</table>

LOWER-DIVISION WRITING

<table>
<thead>
<tr>
<th>WRITING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 1A</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>ENG 1AH</td>
</tr>
<tr>
<td>ENG 1B</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>ENG 1BH</td>
</tr>
</tbody>
</table>

ENGLISH LITERATURE

<table>
<thead>
<tr>
<th>LITERATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 6</td>
</tr>
<tr>
<td>ENG 7</td>
</tr>
<tr>
<td>ENG 14</td>
</tr>
<tr>
<td>ENG 15</td>
</tr>
<tr>
<td>ENG 40</td>
</tr>
<tr>
<td>ENG 41</td>
</tr>
</tbody>
</table>

HISTORY

<table>
<thead>
<tr>
<th>HISTORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 1</td>
</tr>
<tr>
<td>HIS 2</td>
</tr>
<tr>
<td>HIS 6</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>HIS 6H</td>
</tr>
<tr>
<td>HIS 7</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>HIS 7H</td>
</tr>
</tbody>
</table>
### Articulation Agreement by Major
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| PHILOSOPHY |
|------------------|------------------|
| PHI 10 Introduction to Philosophy | |
| OR |
| PHI 10H Honors Introduction to Philosophy | |
| PHI 12 Introduction to Ethics: Contemporary Moral Issues | |
| PHI 35 Philosophy of Religion | Same as: HUM 35 |
| OR |
| HUM 35 Philosophy of Religion | Same as: PHI 35 |

| OR |
|------------------|------------------|
| HUMAN 1A Humanities Core Lecture | HUM 4 Arts and Ideas: Ancient |
| HUMAN 1B Humanities Core Lecture | World through the Late Medieval Period |
| HUMAN 1C Humanities Core Lecture | OR |
| HUMAN 1AS Humanities Core Writing | OR |
| HUMAN 1BS Humanities Core Writing | HUM 4H Honors Arts and Ideas: Ancient World through the Late Medieval Period |
| HUMAN 1CS Humanities Core Writing | | HUM 5 Arts and Ideas: The Renaissance through the Modern Era |
| OR |
| HUM 5H Honors Arts and Ideas: The Renaissance through the Modern Era |
| AND |
| ENG 1A English Composition | OR |
| OR |
| ENG 1AH Honors English Composition | OR |
| ENG 1B Critical Thinking and Writing | OR |
| ENG 1BH Honors Critical Thinking and Writing |

END OF CLASSICS
Articulation Agreement by Major
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To: UC Irvine | From: Norco College

================================================================================

====Cognitive Sciences, B.S.====

Transfer students interested in this major should apply as Psychology majors. Students who meet specified course and grade requirements may apply to change majors to Cognitive Sciences at the beginning of their junior year.

Students must complete the following before being admitted to the Cognitive Sciences major:

- Calculus equivalent to UC Irvine's MATH 2A and MATH 2B,
- Statistics equivalent to UC Irvine's STATS 7,
- Psychology courses equivalent to UC Irvine's PSYCH 9A-B-C

The above courses must be completed with grades of 3.0 or higher, and the cumulative GPA must be 3.0 or higher.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).


To best prepare for the major, students should complete the following before transfer (where possible):

<table>
<thead>
<tr>
<th>Course</th>
<th>Equivalent</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYCH 9A</td>
<td>Psychology Fundamentals (4)</td>
<td>PSY 1 &amp; General Psychology (3)</td>
</tr>
<tr>
<td>Same as: PSY BEH 11A</td>
<td>PSY 2 Biological Psychology (3)</td>
<td></td>
</tr>
<tr>
<td>PSYCH 9B</td>
<td>Psychology Fundamentals (4)</td>
<td>No course articulated-Course must be taken at UCI</td>
</tr>
<tr>
<td>Same as: PSY BEH 11B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYCH 9C</td>
<td>Psychology Fundamentals (4)</td>
<td>PSY 1 &amp; General Psychology (3)</td>
</tr>
<tr>
<td>Same as: PSY BEH 11C</td>
<td>PSY 35 Abnormal Psychology (3)</td>
<td></td>
</tr>
<tr>
<td>MATH 2A &amp; Single-Variable Calculus (4)</td>
<td>MAT 1A &amp; Calculus I (4)</td>
<td></td>
</tr>
<tr>
<td>MATH 2B &amp; Single-Variable Calculus (4)</td>
<td>MAT 1B Calculus II (4)</td>
<td></td>
</tr>
<tr>
<td>STATS 7</td>
<td>Basic Statistics (4)</td>
<td>MAT 12 Statistics (4)</td>
</tr>
<tr>
<td>OR</td>
<td>MAT 12H Honors Statistics (4)</td>
<td></td>
</tr>
</tbody>
</table>

**ADDITIONAL CONCENTRATION PREPARATION**

**Concentration 1: Cognitive Neuroscience**

<table>
<thead>
<tr>
<th>Course</th>
<th>Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 35</td>
<td>The Brain and Behavior (4)</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>================================================================================</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 36  Drugs and the Brain        (4)</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>BIO SCI 37  Brain Dysfunction and      (4)</td>
</tr>
<tr>
<td>Repair</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>BIO SCI 38  Mind, Memory, Amnesia,       (4)</td>
</tr>
<tr>
<td>and the Brain</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>BIO SCI 93  From DNA to Organisms       (4)</td>
</tr>
<tr>
<td>Molecular and Cellular</td>
</tr>
<tr>
<td>Biology</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>BIO SCI 94  From Organisms to           (4)</td>
</tr>
<tr>
<td>Ecosystems</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>--------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>

**Concentration 2: Experimental Psychology - Sensation, Perception, Attention & Memory**

|BIO SCI 35  The Brain and Behavior      (4)|No course articulated          |
|--------------------------------------------------------------------------------|
|PHYSICS 3A  Basic Physics               (4)|PHY 2A  General Physics I       (4) |
|PHYSICS 3B  Basic Physics               (4)|PHY 2B  General Physics II      (4) |
|PHYSICS 3C  Basic Physics               (4)|LABO  | Laboratory                  |
|PHYSICS 3LC Basic Physics (1.5) |LABO  | Laboratory                  |
|PHYSICS 7C  Classical Physics           (4)|PHY 4A  Mechanics              (4) |
|PHYSICS 7LC Classical Physics           (1) |LABO  | Laboratory                  |
|PHYSICS 7D  Classical Physics           (4)|PHY 4B  Electricity and         |
|PHYSICS 7LD Classical Physics           (1) |LABO  | Magnetism                   |
|PHYSICS 7E  Classical Physics           (4)|PHY 4C  Heat, Light and Waves   (4) |

**Concentration 3: Language Science**

<p>|BIO SCI 35  The Brain and Behavior      (4)|No course articulated          |
|--------------------------------------------------------------------------------|
|LINGUIS 3  Introduction to             (4)|ENG 16 Introduction to         (3) |
|Linguistics                                |Linguistics                    |
|--------------------------------------------------------------------------------|
|LINGUIS 51 Acquisition of Language      (4)|No course articulated          |</p>
<table>
<thead>
<tr>
<th>Same as: PSYCH 56L</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYCH 56L Acquisition of Language       (4)</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
# Articulation Agreement by Major

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<table>
<thead>
<tr>
<th>To: UC Irvine</th>
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</tr>
</thead>
</table>

---

### LINGUIS 10 Introduction to Phonology (4) | No course articulated

---

### LINGUIS 20 Introduction to Syntax (4) | No course articulated

---

### Concentration 4: Computational Cognitive Science

### I&C SCI 31 Introduction to Programming (4) | No course articulated

*Same as: CSE 41*

---

### MATH 3A Introduction to Linear Algebra (4) | MAT 3 Linear Algebra (3)

---

**TWO ADDITIONAL COURSES APPROVED FOR THE MAJOR**

### I&C SCI 32 Programming with Software Libraries (4) | No course articulated

*Same as: CSE 42*

---

### LINGUIS 3 Introduction to Linguistics (4) | ENG 16 Introduction to Linguistics (3)

---

### LINGUIS 10 Introduction to Phonology (4) | No course articulated

---

### LINGUIS 20 Introduction to Syntax (4) | No course articulated

---

### LINGUIS 51 Acquisition of Language (4) | No course articulated

*Same as: PSYCH 56L*

*OR*

### PSYCH 56L Acquisition of Language (4) | LINGUIS 51

*Same as: LPS 30*

*OR*

---

### MATH 2D Multivariable Calculus (4) | MAT 1C Calculus III (4)

---

### MATH 2E Multivariable Calculus (4) | MAT 1C Calculus III (4)

---

### MATH 3D Elementary Differential Equations (4) | MAT 2 Differential Equations (4)

---

### MATH 4 Mathematics for Economists (4) | MAT 1C & Calculus III (4)

*Same as: MAT 3 Linear Algebra (3)*

---

### LINGUIS 1 Languages of the World (4) | No course articulated

---

### PHILOS 30 Introduction to Symbolic Logic (4) | PHI 32 Introduction to Symbolic Logic (3)

*Same as: LPS 30*

*OR*

*Same as: MAT 32*

*OR*

---
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To: UC Irvine  |  From: Norco College

================================================================================
|   Same as: PHI 32
--------------------------------------------------------------------------------
PHILOS 31    Introduction to Inductive Logic   |No course articulated
            |   Same as: LPS 31
--------------------------------------------------------------------------------
PHYSICS 15   Physics of Music                  |No course articulated

END OF COGNITIVE SCIENCES
Articulation Agreement by Major
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================================================================================
====Comparative Literature, B.A.====

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly: [www.humanities.uci.edu/undergrad/academics/lang.php](http://www.humanities.uci.edu/undergrad/academics/lang.php)

NOTE: In fulfillment of the requirements below, a single course may be used only once.

Comparative Literature majors must choose an emphasis in one of the following:
- Comparative Literature and Critical Theory
- Cultural Studies
- World Literature

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).


| COM LIT 60A &| World Literature | (4)| Two courses from: |
|COM LIT 60B &| Reading with Theory | (4)| ENG 6 | British Literature I: | (3) |
|COM LIT 60C | Cultural Studies | (4)| | Anglo-Saxon through | |
| | | | | Eighteenth Century | |
| | | | | ENG 7 | British Literature II: | (3) |
| | | | | Romanticism through | |
| | | | | Modernism/Post-Modernism | |
| | | | | ENG 14 | American Literature I: | (3) |
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| Pre-Contact through  
| Civil War  
| ENG 15 American Literature II: 1860 to the Present (3)  
| ENG 40 World Literature I: From Ancient Literatures to the Seventeenth Century (3)  
| ENG 41 World Literature II: Seventeenth Century through the Present (3)  

Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level)  
OR  
JPN 4 Japanese 4 (5)  
SPA 4 Spanish 4 (5)  

At least one course from each area for a total of four semester courses:  
At least one course from each area (Writing, Literature, History, and Philosophy) for a total of four semester courses:  

| LOWER-DIVISION WRITING  
| ENG 1A English Composition (4)  
| OR  
| ENG 1AH Honors English Composition (4)  
| ENG 1B Critical Thinking and Writing (4)  
| OR  
| ENG 1BH Honors Critical Thinking and Writing (4)  

| ENGLISH LITERATURE  
| ENG 6 British Literature I: Anglo-Saxon through Eighteenth Century (3)  
| ENG 7 British Literature II: Romanticism through Postmodernism (3)  
| ENG 14 American Literature I: Pre-Contact through Civil War (3)  
| ENG 15 American Literature II: 1860 to the Present (3)  
| ENG 40 World Literature I: From Ancient Literatures to the Seventeenth Century (3)  
| ENG 41 World Literature II: Seventeenth Century through the Present (3)  

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================================================================================================================================================================

HISTORY
| HIS 1     History of World Civilizations I (3) |
| HIS 2     History of World Civilizations II (3) |
| HIS 6     Political and Social History of the United States (3) |
| OR |
| HIS 6H    Honors Political and Social History of the United States (3) |
| HIS 7     Political and Social History of the United States (3) |
| OR |
| HIS 7H    Honors Political and Social History of the United States (3) |

OR

PHILOSOPHY
| PHI 10     Introduction to Philosophy (3) |
| OR |
| PHI 10H    Honors Introduction to Philosophy (3) |
| PHI 12     Introduction to Ethics: Contemporary Moral Issues (3) |
| PHI 35     Philosophy of Religion (3) Same as: HUM 35 |
| OR |
| HUM 35     Philosophy of Religion (3) Same as: PHI 35 |

HUMAN 1A & Humanities Core Lecture (4) | HUMAN 1B & Humanities Core Lecture (4) | HUMAN 1C & Humanities Core Lecture (4) | HUMAN 1AS & Humanities Core Writing (4) | HUMAN 1BS & Humanities Core Writing (4) | HUMAN 1CS & Humanities Core Writing (4) | HUM 4 & Arts and Ideas: Ancient World through the Late Medieval Period (3) |

OR

ENG 1A & English Composition (4)
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<table>
<thead>
<tr>
<th>OR</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 1AH &amp; Honors English (4)</td>
</tr>
<tr>
<td>Composition</td>
</tr>
<tr>
<td>ENG 1B Critical Thinking and Writing</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>ENG 1BH Honors Critical Thinking and Writing</td>
</tr>
<tr>
<td>END OF COMPARATIVE LITERATURE</td>
</tr>
</tbody>
</table>
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====Computer Engineering, B.S.====

Preference will be given to junior-level applicants with the highest grades overall who have satisfactorily completed the following major-preparation courses with a grade of C or better by the end of spring term prior to transfer.

- Both Single Variable Calculus I (C-ID MATH 210 or MATH 211)
  + Single Variable Calculus II (C-ID MATH 220 or MATH 221)
  or Single Variable Calculus Sequence (C-ID MATH 900S or 910S)
- Multivariable Calculus (C-ID MATH 230)
- Both Ordinary Differential Equations (C-ID MATH 240)
  + Introduction to Linear Algebra (C-ID MATH 250)
  or Differential Equations and Linear Algebra (C-ID MATH 910S)
- All 3 Calculus-Based Physics for Scientists and Engineers: A (C-ID PHYS 205)
  + Calculus-Based Physics for Scientists and Engineers: B (C-ID PHYS 210)
  + Calculus-Based Physics for Scientists and Engineers: C (C-ID PHYS 215)
  or Calculus-Based Physics for Scientists and Engineers: ABC (C-ID PHYS 200S)
- Programming Concepts and Methodology I (C-ID COMP 122)
  or Introduction to Programming Concepts and Methodologies for Engineers
  (C-ID ENGR 120)
- Circuit Analysis (C-ID ENGR 260) + Circuit Analysis Lab (C-ID ENGR 260L)

**Students must have a cumulative GPA of 3.0 in required courses.**
================================================================================
The following courses are not required for transfer consideration, however the degree cannot be completed in two years without them:
- Programming Concepts and Methodology II (C-ID COMP 132)
- Computer Architecture and Organization (C-ID COMP 142)
================================================================================

Additional courses listed will transfer and be used toward the degree but will not have a meaningful impact on the time to complete the degree. Students should not delay transfer in order to complete these courses.
================================================================================

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).


================================================================================

<table>
<thead>
<tr>
<th>MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A Single-Variable Calculus (4)</td>
</tr>
<tr>
<td>MATH 2B Single-Variable Calculus (4)</td>
</tr>
<tr>
<td>MATH 2D Multivariable Calculus (4)</td>
</tr>
<tr>
<td>MATH 3A Introduction to Linear Algebra (4)</td>
</tr>
</tbody>
</table>
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| MATH 3D | Elementary Differential Equations (4) | MAT 2 | Differential Equations (4) |
|-----------------------------------------------|-----------------------------------------------|
| PHYSICS 7C & Classical Physics (4) | PHY 4A & Mechanics (4) |
| PHYSICS 7LC & Classical Physics (1) | Laboratory |
| PHYSICS 7D & Classical Physics (4) | PHY 4B & Electricity and Magnetism (4) |
| PHYSICS 7LD & Classical Physics (1) | Laboratory |
| PHYSICS 7E | Classical Physics (4) | PHY 4C | Heat, Light and Waves (4) |

<table>
<thead>
<tr>
<th>EECS 12</th>
<th>Introduction to Programming (4)</th>
<th>CIS 17A</th>
<th>Programming Concepts and Methodologies II: C++ (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OR CIS 18A</td>
<td>JAVA Programming: Objects (3)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EECS 70A</th>
<th>Network Analysis I (4)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>EECS 70LA</td>
<td>Network Analysis I (1)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

MAJOR PREPARATION COURSES NECESSARY TO GRADUATE IN 2 YEARS

<table>
<thead>
<tr>
<th>EECS 20</th>
<th>Computer Systems and Programming in C (4)</th>
<th>CIS 11</th>
<th>Computer Architecture and Organization: Assembly (3)</th>
</tr>
</thead>
</table>

| EECS 22 | Advanced C Programming (3) | No course articulated |

ADDITIONAL MAJOR REQUIREMENTS

<table>
<thead>
<tr>
<th>I&amp;C SCI 6D</th>
<th>Discrete Mathematics for Computer Science (4)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>EECS 1</td>
<td>Introduction to Electrical Engineering and Computer Engineering (1)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

| EECS 22L | Software Engineering Project in C Language (3) | No course articulated |
| EECS 31 | Introduction to Digital Systems (4) | No course articulated |
| EECS 31L | Introduction to Digital Logic Laboratory (3) | No course articulated |
| EECS 40 | Object-Oriented Systems and Programming (4) | CIS 18C | Java Programming: Data Structures (3) |
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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Articulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>EECS 50</td>
<td>Discrete-Time Signals and Systems</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EECS 55</td>
<td>Engineering Probability</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EECS 70B &amp;</td>
<td>Network Analysis II</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EECS 70LB</td>
<td>Network Analysis II Laboratory</td>
<td>(1)</td>
<td></td>
</tr>
</tbody>
</table>

**ADDITIONAL MAJOR ELECTIVES**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Articulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>I&amp;C SCI 6B</td>
<td>Boolean Algebra and Logic</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>MATH 2E</td>
<td>Multivariable Calculus</td>
<td>(4)</td>
<td>MAT 1C Calculus III (4)</td>
</tr>
<tr>
<td>PHYSICS 51A</td>
<td>Modern Physics</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>PHYSICS 52A</td>
<td>Fundamentals of Experimental Physics</td>
<td>(2)</td>
<td>PHY 4C Heat, Light and Waves (4)</td>
</tr>
<tr>
<td>ENGR 7A</td>
<td>Introduction to Engineering I</td>
<td>(2)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>ENGR 7B</td>
<td>Introduction to Engineering II</td>
<td>(2)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

END OF COMPUTER ENGINEERING
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================================================================================

====Computer Game Science, B.S.====

Transfer Students:
Students wishing to transfer into the Computer Game Science program should prepare themselves as they would for transfer into other ICS programs (i.e., according to ICS's detailed guidelines that describe the equivalency of college preparation courses with ICS courses) and then use the change-of-major equivalencies from ICS courses to Computer Game Science courses to determine the set of courses for which they will be exempted.

PLEASE NOTE: For Fall 2019 applicants, a minimum grade of B will be required in all major prerequisite courses.

PLEASE NOTE: This major will not participate in TAG starting with Fall 2020 admission.

1. Complete two semesters/two quarters of approved first-year Calculus, and

2. One year of computer programming courses in an object-oriented or higher-level programming language. For example Python, Java, C++, data structures, assembly language and machine organization. Object-oriented or higher-level programming language courses that do not directly articulate to I&C SCI 31-33 can be used to satisfy the admissions requirements. Introduction to computer science courses do not meet this requirement.

Applicants to the Computer Game Science major should be aware that several lower-division courses must be taken at UCI; therefore, the minimum time to degree completion will exceed two years.

*NOTE: Additional computer science courses beyond the two required are strongly recommended, particularly those that align with the major(s) of interest. Java, Python, and C++ are used in the curriculum; therefore, transfer students should plan to learn these languages by studying on their own or by completing related programming courses prior to their first quarter at UCI.

NOTE: Students should have I&C SCI 31-33 credit first in order to move further into the program here at UCI.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER
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<table>
<thead>
<tr>
<th>Course at Norco College</th>
<th>Course at UC Irvine</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A &amp; MATH 2B</td>
<td>MAT 1A &amp; MAT 1B</td>
<td>4 &amp; 4</td>
</tr>
<tr>
<td>I&amp;C SCI 31 &amp; I&amp;C SCI 32</td>
<td>No course articulated</td>
<td>4 &amp; 4</td>
</tr>
<tr>
<td>I&amp;C SCI 33</td>
<td>No course articulated</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 45C</td>
<td>No course articulated</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 46</td>
<td>No course articulated</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 51</td>
<td>No course articulated</td>
<td>6</td>
</tr>
<tr>
<td>IN4MATX 43</td>
<td>No course articulated</td>
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<tr>
<td>I&amp;C SCI 60</td>
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<tr>
<td>I&amp;C SCI 61</td>
<td>No course articulated</td>
<td>4</td>
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<tr>
<td>I&amp;C SCI 62</td>
<td>No course articulated</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 6N</td>
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<tr>
<td>MATH 3A</td>
<td>MAT 3</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 6D</td>
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<tr>
<td>STATS 67</td>
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ADDITIONAL APPROVED COURSES FOR THE MAJOR

<table>
<thead>
<tr>
<th>Course at Norco College</th>
<th>Course at UC Irvine</th>
<th>Units</th>
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<tbody>
<tr>
<td>I&amp;C SCI 45C</td>
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<td>I&amp;C SCI 46</td>
<td>No course articulated</td>
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</tr>
<tr>
<td>I&amp;C SCI 51</td>
<td>No course articulated</td>
<td>6</td>
</tr>
<tr>
<td>IN4MATX 43</td>
<td>No course articulated</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 60</td>
<td>No course articulated</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 61</td>
<td>No course articulated</td>
<td>4</td>
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<tr>
<td>I&amp;C SCI 62</td>
<td>No course articulated</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 6N</td>
<td>No course articulated</td>
<td>4</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>MAT 3</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 6D</td>
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<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 6B</td>
<td>No course articulated</td>
<td>4</td>
</tr>
<tr>
<td>STATS 67</td>
<td>No course articulated</td>
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</table>
Articulation Agreement by Major
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<table>
<thead>
<tr>
<th>Statistics for Computer</th>
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</thead>
<tbody>
<tr>
<td>Science</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>PHYSICS 3A</th>
<th>Basic Physics</th>
<th>(4)</th>
<th>(This course is not directly articulated with PHYSICS 3A but is an acceptable substitute for transfer preparation for this major.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>No course articulated</td>
<td>Course to be completed at UCI</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

END OF COMPUTER GAME SCIENCE
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Norco College

================================================================================

====Computer Science and Engineering, B.S.====

PLEASE NOTE: For Fall 2019 applicants, a minimum grade of B will be required in all major prerequisite courses.

PLEASE NOTE: This major will not participate in TAG starting with Fall 2020 admission.

- Complete two semesters/two quarters of approved first-year Calculus,
- one year of calculus-based physics with laboratories (mechanics, electricity, and magnetism),
- one year of computer programming courses in an object-oriented or higher-level programming language. For example Python, Java, C++, data structures. Object-oriented or higher-level programming language courses that do not directly articulate to I&C SCI 31-33 can be used to satisfy the admissions requirements. Introduction to computer science courses do not meet this requirement.
- one additional approved transferable course for the major (an approved math, science, or CSE course - see below)
  - Additional approved courses:
    ● One course in advanced data structure
    ● One course in software engineering
    ● One course in discrete mathematics
    ● One course in boolean algebra
    ● One course in linear algebra
    ● One course in Multivariable Calculus

Transfer students must have a cumulative UC transferable GPA of 3.0

*Additional computer science courses beyond the two required are strongly recommended, particularly those that align with the major of interest. Java, Python, and C++ are used in the curriculum; therefore, transfer students should plan to learn these languages by studying on their own or by completing related programming courses prior to their first quarter at UCI.

Students who enroll at UCI in need of completing lower-division course work may find that it will take longer than two years to complete their degree. For further information, contact The Donald Bren School of Information and Computer Sciences at (949) 824-5156 or The Henry Samueli School of Engineering at (949) 824-4334.

================================================================================

NOTE: Students should have I&C SCI 31-33 credit first in order to move further into the program here at UCI.

================================================================================

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.
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For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

<table>
<thead>
<tr>
<th>MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A &amp; Single-Variable Calculus (4)</td>
</tr>
<tr>
<td>MATH 2B Single-Variable Calculus (4)</td>
</tr>
<tr>
<td>PHYSICS 7C Classical Physics (4)</td>
</tr>
<tr>
<td>PHYSICS 7LC Classical Physics Laboratory (1)</td>
</tr>
<tr>
<td>PHYSICS 7D Classical Physics (4)</td>
</tr>
<tr>
<td>PHYSICS 7LD Classical Physics Laboratory (1)</td>
</tr>
<tr>
<td>CSE 41 Introduction to Programming (4)</td>
</tr>
<tr>
<td>Same as: I&amp;C SCI 31</td>
</tr>
<tr>
<td>CSE 42 Programming with Software Libraries (4)</td>
</tr>
<tr>
<td>Same as: I&amp;C SCI 32</td>
</tr>
<tr>
<td>CSE 43 Intermediate Programming (4)</td>
</tr>
<tr>
<td>Same as: I&amp;C SCI 33</td>
</tr>
</tbody>
</table>

Introductory programming courses approved by Information and Computer Sciences:

| I&C SCI 31 & Introduction to Programming (4) | No course articulated |
| Same as: CSE 41 |
| I&C SCI 32 Programming with Software Libraries (4) |
| Same as: CSE 42 |
| I&C SCI 33 Intermediate Programming (4) |
| Same as: CSE 43 |

ONE ADDITIONAL APPROVED TRANSFERABLE COURSE FOR THE MAJOR (AN APPROVED MATH, SCIENCE, OR CSE COURSE)

<table>
<thead>
<tr>
<th>ADDITIONAL APPROVED COURSES FOR THE MAJOR</th>
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</thead>
<tbody>
<tr>
<td>Mathematics and Basic Science Courses:</td>
</tr>
<tr>
<td>MATH 2D Multivariable Calculus (4)</td>
</tr>
<tr>
<td>MATH 3A Introduction to Linear Algebra (4)</td>
</tr>
<tr>
<td>MATH 3D Elementary Differential Equations (4)</td>
</tr>
<tr>
<td>I&amp;C SCI 6B Boolean Algebra and Logic (4)</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major  
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To: UC Irvine   |  From: Norco College

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Articulation Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>I&amp;C SCI 6D</td>
<td>Discrete Mathematics for Computer Science</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>STATS 67</td>
<td>Introduction to Probability and Statistics for Computer Science</td>
<td>4</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

Engineering and Computing Topics Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Articulation Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSE 31</td>
<td>Introduction to Digital Systems</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>CSE 31L</td>
<td>Introduction to Digital Logic Laboratory</td>
<td>3</td>
<td>No course articulated</td>
</tr>
<tr>
<td>CSE 45C</td>
<td>Programming in C/C++ as a Second Language</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>CSE 46</td>
<td>Data Structure Implementation and Analysis</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>CSE 50</td>
<td>Discrete-Time Signals and Systems</td>
<td>4</td>
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<tr>
<td>CSE 70A</td>
<td>Network Analysis I</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>CSE 90</td>
<td>Systems Engineering and Technical Communications</td>
<td>2</td>
<td>No course articulated</td>
</tr>
<tr>
<td>IN4MATX 43</td>
<td>Introduction to Software Engineering</td>
<td>4</td>
<td>No course articulated</td>
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</table>

END OF COMPUTER SCIENCE AND ENGINEERING
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Norco College
=====================================================================

```markdown
Computer Science, B.S.
```

Applicants must satisfy the following requirements:

**PLEASE NOTE:** For Fall 2019 applicants, a minimum grade of B will be required in all major prerequisite courses.

**PLEASE NOTE:** This major will not participate in TAG starting with Fall 2020 admission.

- Complete two semesters/two quarters of approved first-year Calculus, and
- One year of computer programming courses in an object-oriented or higher-level programming language. For example Python, Java, C++, data structures, assembly language and machine organization. Object-oriented or higher-level programming language courses that do not directly articulate to I&C SCI 31-33 can be used to satisfy the admissions requirements. Introduction to computer science courses do not meet this requirement.

**PLEASE NOTE:** Starting with Fall 2020 admission, this major will have an additional requirement:
- one additional approved transferable course for the major (an approved math, science, or CSE course- see below)
  - Additional approved courses:
    - One course in advanced data structure
    - One course in software engineering
    - One course in discrete mathematics
    - One course in boolean algebra
    - One course in linear algebra

*NOTE:* Additional computer science courses beyond the two required are strongly recommended, particularly those that align with the major(s) of interest. Transfer students should plan to learn Java, Python, and C++ by studying on their own or by completing related programming courses prior to their first quarter at UCI.

Additional courses beyond those required for admission must be taken to fulfill the lower-division degree requirements, as many are prerequisites for upper-division courses. For some transfer students, this may mean that it will take longer than two years to complete their degree.

**NOTE:** Students should have I&C SCI 31-33 credit first in order to move further into the program here at UCI.

**NOTE:** In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).
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| MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER |  |
|-----------------------------------------------|  |
| MATH 2A Single-Variable Calculus (4) | MAT 1A Calculus I (4) |
| MATH 2B Single-Variable Calculus (4) | MAT 1B Calculus II (4) |

| I&C SCI 31 Introduction to Programming (4) |  |
|------------------------------------------|  |
| I&C SCI 32 Programming with Software Libraries (4) |  |
| I&C SCI 33 Intermediate Programming (4) |  |

| ADDITIONAL APPROVED COURSES FOR THE MAJOR |  |
|------------------------------------------|  |
| I&C SCI 45C Programming in C/C++ as a Second Language (4) |  |
| I&C SCI 46 Data Structure Implementation and Analysis (4) |  |
| I&C SCI 51 Introductory Computer Organization (6) |  |
| IN4MATX 43 Introduction to Software Engineering (4) |  |
| I&C SCI 53 Principles in System Design (4) |  |
| I&C SCI 53L Principles in System Design Laboratory (2) |  |
| I&C SCI 90 New Students Seminar (1) |  |
| I&C SCI 6N Computational Linear Algebra (4) |  |
| OR MATH 3A Introduction to Linear Algebra (4) | MAT 3 Linear Algebra (3) |
| OR |  |
| I&C SCI 6D Discrete Mathematics for Computer Science (4) |  |
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I&C SCI 6B    Boolean Algebra and Logic (4) | No course articulated

STATS 67    Introduction to Probability and Statistics for Computer Science (4) | No course articulated

Two courses approved for General Education Category II except those related to computing/engineering, economics, or mathematics.

END OF COMPUTER SCIENCE
Articulation Agreement by Major
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Applies to Fall 2019 and Fall 2020 Admissions

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================================================================================

====Criminology, Law and Society, B.A.====

This major does not require completion of prerequisites for admission as a transfer student.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).


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<thead>
<tr>
<th>CRM/LAW C7</th>
<th>Introduction to Criminology, Law and Society</th>
<th>(4)</th>
<th>ADJ 1</th>
<th>Introduction to the Administration of Justice</th>
<th>(3)</th>
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<tbody>
<tr>
<td>CRM/LAW C10</td>
<td>Fundamentals of Criminology, Law and Society</td>
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<td>SOCECOL E8</td>
<td>Introduction to Environmental Analysis and Design</td>
<td>(4)</td>
<td>BIO 19</td>
<td>Environmental Science</td>
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<td>OR</td>
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<tr>
<td>PPD 4</td>
<td>Introduction to Urban Studies</td>
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<td>No course articulated</td>
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<tr>
<td>PSY BEH 9</td>
<td>Introduction to Psychology</td>
<td>(4)</td>
<td>PSY 1</td>
<td>General Psychology</td>
<td>(3)</td>
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<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>PSY BEH 11B</td>
<td>Psychology Fundamentals</td>
<td>(4)</td>
<td>No course articulated-Course must be taken at UCI</td>
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<tr>
<td>PSY BEH 11C</td>
<td>Psychology Fundamentals</td>
<td>(4)</td>
<td>PSY 1 &amp; General Psychology</td>
<td>(3)</td>
<td></td>
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<tr>
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<td>PSY 35</td>
<td>Abnormal Psychology</td>
<td>(3)</td>
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<tr>
<td>SOCECOL 10</td>
<td>Research Design</td>
<td>(4)</td>
<td>PSY 50</td>
<td>Research Methods in Psychology</td>
<td>(4)</td>
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<td>OR</td>
<td>SOC 50</td>
<td>Introduction to Social Research Methods</td>
<td>(3)</td>
<td></td>
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<td>OR</td>
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<td></td>
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<td></td>
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<tr>
<td>SOCECOL 13</td>
<td>Statistical Analysis in Social Ecology</td>
<td>(4)</td>
<td>MAT 12</td>
<td>Statistics</td>
<td>(4)</td>
</tr>
</tbody>
</table>
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MAT 12H  Honors Statistics  (4)

END OF CRIMINOLOGY, LAW AND SOCIETY
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Norco College

================================================================================

====Dance, B.A., B.F.A.====

The Department of Dance offers two degrees: the Bachelor of Arts in Dance (B.A.); and the Bachelor of Fine Arts in Dance (B.F.A.). The B.A. program provides a broad background in dance theory and practice. It is recommended that transfer students wishing to pursue a B.A. degree in Dance complete, in addition to the general education requirements, one course in choreography, two courses in dance technique, and one course in music for dancers prior to transfer.

The B.F.A. program allows students to specialize in either choreography or performance. Students interested in the B.F.A. must declare their intention in writing at the time of their placement audition and demonstrate technique and/or choreography levels appropriate to their year. It is suggested that transfer students complete, in addition to the general education requirements, one course in choreography, two courses in dance technique, and one course in music for dancers prior to transfer.

Courses in ballet, jazz, and modern technique are strongly recommended prior to transfer, but may not be used for major course credit. Ballet, jazz, and modern technique requirements must be completed at the university.

All students are required to audition for acceptance in the major. A second audition is required prior to beginning fall quarter to determine appropriate placement levels in ballet, jazz, and modern dance technique classes. This placement level determines the minimum number of years it will take to complete degree requirements. It is strongly recommended that students have dance technique experience in preparation for the auditions.

Applicants must audition in late January/early February in ballet, modern, and jazz, prior to the fall quarter when entrance is anticipated, and be selected by faculty.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

================================================================================

B.A. or B.F.A.

--------------------------------------------------------------------------------

DANCE 2    Dance Health and Injury Prevention    (4) | No course articulated

--------------------------------------------------------------------------------

DANCE 21A    Music for Dancers    (4) | No course articulated
Articulation Agreement by Major
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Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Norco College

================================================================================
DANCE 60A    Choreography I           (4)|No course articulated
================================================================================
DANCE 90A & Dance History            (4)|Students may not take equivalent
dance outside of UCI after
DANCE 90B & Dance History            (4)|matriculation; DANCE 90ABC must be
taken in residence.
DANCE 90C    Dance History            (4)|

One course in Ethnic, Mexican, Social,
Spanish, Character or Tap Dance          |One course from:
|DAN D30    Social Dance Styles     (1)
|DAN D43    Tap, Beginning           (1)
|DAN D44    Tap, Intermediate        (1)

B.F.A. CHOREOGRAPHY AND PERFORMANCE SPECIALIZATIONS ADD:

--------------------------------------------------------------------------------
DRAMA 30A    Acting                   (4)|THE 32    Acting Fundamentals -    (3)
|          Theater Games and
|          Exercises

B.F.A. CHOREOGRAPHY SPECIALIZATION ADD:

--------------------------------------------------------------------------------
DANCE 60B & Choreography I           (4)|No course articulated
DANCE 60C    Choreography I           (4)|

DRAMA 50C    Introduction to Lighting (4)|No course articulated
|Design

Four units (one or two courses) from Art,
Art History, Drama, or Music            |Four units from:
|Students may take UC transferable
|course(s) in Art, Art History, Drama,
|or Music, if course(s) are not already
|required for the major.

END OF DANCE
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine  |  From: Norco College

================================================================================

====Data Science, B.S====

Applicants must satisfy the following requirements:

**PLEASE NOTE:** For Fall 2019 applicants, a minimum grade of B will be required in all major prerequisite courses.

**PLEASE NOTE:** This major will not participate in TAG starting with Fall 2020 admission.

- Complete two semesters/two quarters of approved first-year Calculus,
- One semester of college-level statistics equivalent to STATS 7, and
- One year of computer programming courses in an object-oriented or higher-level programming language. For example Python, Java, C++, data structures, assembly language and machine organization. Object-oriented or higher-level programming language courses that do not directly articulate to I&C SCI 31-33 can be used to satisfy the admissions requirements. Introduction to computer science courses do not meet this requirement.

**NOTE:** Additional computer science and statistics courses beyond those above are strongly recommended, particularly those that align with the major(s) of interest. Python, C++ and R are used extensively in the curriculum; therefore, transfer students should plan to learn these by studying on their own or by completing Python, C++, and R-related programming courses prior to their first quarter at UCI.

Additional courses beyond those required for admission must be taken to fulfill the lower-division degree requirements, as many are prerequisites for upper-division courses. For some transfer students, this may mean that it will take longer than two years to complete their degree.

**NOTE:** Students should have I&C SCI 31-33 credit first in order to move further into the program here at UCI.

**NOTE:** In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).


Tiles:

<table>
<thead>
<tr>
<th>MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A  Single-Variable Calculus            (4)</td>
</tr>
<tr>
<td>MATH 2B  Single-Variable Calculus            (4)</td>
</tr>
</tbody>
</table>
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STATS 7  Basic Statistics (4)  |  MAT 12  Statistics (4)
OR
|  MAT 12H  Honors Statistics (4)

I&C SCI 31 & Introduction to Programming
Same as: CSE 41

I&C SCI 32 & Programming with Software Libraries
Same as: CSE 42

I&C SCI 33  Intermediate Programming
Same as: CSE 43

ADDITIONAL APPROVED COURSES FOR THE MAJOR

I&C SCI 6B  Boolean Algebra and Logic
No course articulated

I&C SCI 6D  Discrete Mathematics for Computer Science
No course articulated

I&C SCI 45C  Programming in C/C++ as a Second Language
No course articulated
Same as: CSE 45C

I&C SCI 46  Data Structure Implementation and Analysis
No course articulated
Same as: CSE 46

I&C SCI 51  Introductory Computer Organization
No course articulated

IN4MATX 43  Introduction to Software Engineering
No course articulated

MATH 2D  Multivariable Calculus (4)  |  MAT 1C  Calculus III (4)

MATH 3A  Introduction to Linear Algebra (4)  |  MAT 3  Linear Algebra (3)
OR
|  OR
I&C SCI 6N  Computational Linear Algebra (4)  |  No course articulated

STATS 68  Statistical Computing and Exploratory Data Analysis (4)

END OF DATA SCIENCE
ARTICULATION AGREEMENT BY MAJOR
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====Developmental and Cell Biology, B.S.====

The major in Developmental and Cell Biology is open only to upper-division Biological Sciences majors who meet specified course and grade requirements as listed at www.changeofmajor.uci.edu. The change of major requirements can only be completed at UC Irvine after transfer.

Transfer students interested in this major should apply as Biological Sciences majors. To enter the Biological Sciences major, junior-level applicants with the highest grades overall who satisfactorily complete course prerequisites will be given preference for admission.

All applicants must complete the following with a grade of C or better in each required course:
- one year of biology courses equivalent to UCI’s BIO SCI 93 & BIO SCI 94,
- one year of general chemistry with laboratory, and
- one year of organic chemistry with laboratory

All applicants must have a cumulative GPA of 3.0 or higher.

Transfer students are advised to complete as many articulated lower-division degree requirements as possible prior to transfer. For information, contact the School of Biological Sciences at (949) 824-5318 or go to http://www.bio.uci.edu/students/undergraduates/

NOTE: Once enrolled at UCI, School of Biological Sciences majors may only take UCI courses to satisfy major requirements.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

========================================================================

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

| BIO SCI 93 | From DNA to Organisms | 4 | BIO 60 | Introduction to Molecular and Cellular Biology | 5 |
| BIO SCI 94 | From Organisms to Ecosystems | 4 | BIO 61 | Introduction to Organismal and Population Biology (Majors) | 5 |

Important: Articulation of general chemistry is based on the completion of the
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entire year. Students wishing information on course-to-course equivalencies (semester to quarter) should contact the Physical Sciences Student Affairs Office at: pssazot@uci.edu.

CHEM 1A & General Chemistry (4)|CHE 1A & General Chemistry, I (5)
CHEM 1B & General Chemistry (4)|CHE 1B General Chemistry, II (5)
CHEM 1C & General Chemistry (4)|
CHEM 1LC & General Chemistry (2)| Laboratory
CHEM 1LD General Chemistry (2)| Laboratory
--------------------------------------------------------------------------------
CHEM 51A & Organic Chemistry (4)|CHE 12A Organic Chemistry, I (5)
CHEM 51LB Organic Chemistry (2) |
--------------------------------------------------------------------------------
CHEM 51B & Organic Chemistry (4)|CHE 12A & Organic Chemistry, I (5)
CHEM 51C & Organic Chemistry (4)|CHE 12B Organic Chemistry, II (5)
CHEM 51LC Organic Chemistry (2) |
--------------------------------------------------------------------------------
ADDITIONAL APPROVED COURSES FOR THE MAJOR
--------------------------------------------------------------------------------
BIO SCI 97 Genetics (4)|No course articulated
--------------------------------------------------------------------------------
BIO SCI 98 Biochemistry (4)|No course articulated
--------------------------------------------------------------------------------
BIO SCI 99 Molecular Biology (4)|No course articulated
--------------------------------------------------------------------------------
Students have two options for completing the Mathematics requirement before enrolling at UCI:
1. Two semesters of Calculus; or
2. One semester of Calculus and one semester of Statistics
Option 2 is recommended for students who would like to attend a health professional school.

MATH 2A & Single-Variable Calculus (4)|MAT 1A Calculus I (4)
MATH 2B Single-Variable Calculus (4)|
and one of the following: and one of the following:
STATS 7 Basic Statistics (4)|MAT 1B Calculus II (4)
STATS 8 Introduction to Biological (4)|MAT 12 Statistics (4)
Statistics |MAT 12H Honors Statistics (4)
MATH 2D Multivariable Calculus (4)|MAT 1C Calculus III (4)
MATH 3A Introduction to Linear Algebra (4)|MAT 3 Linear Algebra (3)
--------------------------------------------------------------------------------
PHYSICS 3A & Basic Physics (4)|PHY 2A & General Physics I (4)
PHYSICS 3B & Basic Physics (4)|PHY 2B General Physics II (4)
PHYSICS 3LB & Basic Physics (1.5) |
Laboratory |
PHYSICS 3C & Basic Physics (4) |
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|                                |                                |                                |
| PHYSICS 3LC | Basic Physics | (1.5) |                                |                                |                                |
|             | Laboratory    |       |                                |                                |                                |
| OR          |               |       |                                |                                |                                |
| PHYSICS 7C  | Classical Physics | (4) | PHYS 4A | Mechanics | (4) |
| PHYSICS 7LC | Classical Physics | (1) | |                                |                                |
|             | Laboratory    |       |                                |                                |                                |
| PHYSICS 7D  | Classical Physics | (4) | PHYS 4B | Electricity and Magnetism | (4) |
| PHYSICS 7LD | Classical Physics | (1) | |                                |                                |
|             | Laboratory    |       |                                |                                |                                |
| PHYSICS 7E  | Classical Physics | (4) |                                |                                |                                |

=====================================================================

END OF DEVELOPMENTAL AND CELL BIOLOGY
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====Drama, B.A====

This major does not require completion of prerequisites for admission as a transfer student.

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NOTE: If not completed prior to transfer, Drama 10, and 3 courses chosen from 50A, 50B, 50C, 50D, 50E, 50F must be completed the first year in residence at UCI. It is recommended that Drama 40A, 40B, 40C be completed as soon as possible after transfer to UCI.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

================================================================================

DRAMA 10 Introduction to Production Theory (4) | No course articulated

One course from:
| No course articulated
| DRAMA 15 Performance Now (4)
| DRAMA 20A Culture in Performance (4)
| DRAMA 20B Culture in Performance (4)
| DRAMA 20C Culture in Performance (4)

DRAMA 30A & Acting (4) | THE 32 Acting Fundamentals - (3)
DRAMA 30B & Acting (4) | Theater Games and Exercises (4)
DRAMA 30C Acting (4) | Development of Drama (4)

Three courses from:
| Three courses from:
| DRAMA 50A Introduction to Costume Design (4)
| DRAMA 50B Introduction to Scenic Design (4)
| DRAMA 50C Introduction to Lighting Design (4)
| DRAMA 50D Introduction to Sound Design (4)
| DRAMA 50E Introduction to Stage Management (4)
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=================================================================================================
DRAMA 50F  History & Theories of Scenography (4) | No course articulated
=================================================================================================

END OF DRAMA
Articulation Agreement by Major
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================================================================================

Earth System Science, B.S.

Preference will be given to junior-level applicants with the highest grades overall who have satisfactorily completed the following required courses with a GPA of 3.0 or better:
- one year of approved calculus, and
- one year of either general chemistry with laboratory (preferred), or
- one year of calculus-based physics with laboratory

Transfer students must also have a cumulative GPA of 3.0 or higher.

Students may specialize in Atmospheric Science, Oceanography, or Terrestrial Ecosystems. Optional concentration in Geosciences Education with Secondary Teaching Certification. Information is available at (949) 824-6507, ps.uci.edu.

IMPORTANT: Articulation of general chemistry is based on the completion of the entire year. Students wishing information on course-to-course equivalencies (semester to quarter) should contact the Physical Sciences Student Affairs Office at: pssazot@uci.edu.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

================================================================================

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

MATH 2A & Single-Variable Calculus (4) | MAT 1A & Calculus I (4)
MATH 2B & Single-Variable Calculus (4) | MAT 1B & Calculus II (4)

CHEM 1A & General Chemistry (4) | CHE 1A & General Chemistry, I (5)
CHEM 1B & General Chemistry (4) | CHE 1B & General Chemistry, II (5)
CHEM 1C & General Chemistry (4)
CHEM 1LC & General Chemistry (2)
CHEM 1LD General Chemistry (2)
CHEM 1LD Laboratory
OR

PHYSICS 3A & Basic Physics (4) | PHY 2A & General Physics I (4)
PHYSICS 3B & Basic Physics (4) | PHY 2B & General Physics II (4)
PHYSICS 3LB & Basic Physics Laboratory
PHYSICS 3C & Basic Physics (4)
PHYSICS 3LC & Basic Physics Laboratory (1.5)
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<table>
<thead>
<tr>
<th>OR</th>
<th>OR</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 7C &amp; Classical Physics (4)</td>
<td>PHYS 4A &amp; Mechanics (4)</td>
</tr>
<tr>
<td>PHYSICS 7LC &amp; Classical Physics (1)</td>
<td>Laboratory</td>
</tr>
<tr>
<td>PHYSICS 7E Classical Physics (4)</td>
<td>PHYS 4C Heat, Light and Waves (4)</td>
</tr>
</tbody>
</table>

**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

<table>
<thead>
<tr>
<th>EARTHSS 1 The Physical Environment (4)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students from community colleges that have no articulation for EARTHSS 1/3/5/7 may satisfy this requirement by completing any introductory geology, oceanography or atmospheric science course offered at their college.</td>
<td></td>
</tr>
<tr>
<td>EARTHSS 51 Land Interactions (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EARTHSS 53 Ocean Biogeochemistry (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EARTHSS 55 Earth's Atmosphere (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>MATH 2D Multivariable Calculus (4)</td>
<td>MAT 1C Calculus III (4)</td>
</tr>
<tr>
<td>OR</td>
<td>OR</td>
</tr>
<tr>
<td>MATH 3A Introduction to Linear Algebra (4)</td>
<td>MAT 3 Linear Algebra (3)</td>
</tr>
</tbody>
</table>

Additional elective courses chosen from:

| BIO SCI 93 From DNA to Organisms (4) | BIO 60 Introduction to Molecular and Cellular Biology (5) |
| BIO SCI 94 From Organisms to Ecosystems (4) | BIO 61 Introduction to Organismal and Population Biology (Majors) (5) |
| BIO SCI 98 Biochemistry (4) | No course articulated |
| CHEM 51A & Organic Chemistry (4) | CHE 12A Organic Chemistry, I (5) |
| CHEM 51LB Organic Chemistry Laboratory (2) | |
| CHEM 51B & Organic Chemistry (4) | CHE 12A & Organic Chemistry, I (5) |
| CHEM 51C & Organic Chemistry (4) | CHE 12B Organic Chemistry, II (5) |
| CHEM 51LC Organic Chemistry Laboratory (2) | |
| MATH 3A Introduction to Linear Algebra (4) | MAT 3 Linear Algebra (3) |
| OR | OR |
| MATH 6G Linear Algebra (4) | MAT 2 Differential Equations (4) |
| MATH 3D Elementary Differential Equations (4) | |
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| PHYSICS 51A | Modern Physics | (4) | No course articulated |
| PHYSICS 51B | Modern Physics | (4) | No course articulated |
| ENGRMAE 91  | Introduction to Thermodynamics | (4) | No course articulated |
| EECS 10     | Computational Methods in Electrical and Computer Engineering | (4) | CIS 17A Programming Concepts (3) and Methodologies II: C++ |
| OR          | ENGRMAE 10    | Introduction to Engineering Computations | (4) | CIS 17A Programming Concepts (3) and Methodologies II: C++ |
| OR          | I&C SCI 31    | Introduction to Programming | (4) | No course articulated |
| OR          | PHYSICS 53    | Introduction to C and Numerical Analysis | (4) | CIS 17A Programming Concepts (3) and Methodologies II: C++ |
| OR          |               | C++ Programming: Data Structures (3) |

END OF EARTH SYSTEM SCIENCE
Articulation Agreement by Major  
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================================================================================  
==East Asian Cultures, B.A.==  

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly: [www.humanities.uci.edu/undergrad/academics/lang.php](http://www.humanities.uci.edu/undergrad/academics/lang.php)

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**NOTE**: A UCI placement test is required prior to enrolling in UCI language courses.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).


<table>
<thead>
<tr>
<th>CHINESE 1A &amp;</th>
<th>Fundamental Mandarin (5)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHINESE 1B &amp;</td>
<td>Fundamental Mandarin (5)</td>
<td></td>
</tr>
<tr>
<td>CHINESE 1C</td>
<td>Fundamental Mandarin (5)</td>
<td></td>
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<tr>
<td>AND</td>
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</tr>
<tr>
<td>CHINESE 2A &amp;</td>
<td>Intermediate Mandarin (5)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>CHINESE 2B &amp;</td>
<td>Intermediate Mandarin (5)</td>
<td></td>
</tr>
<tr>
<td>CHINESE 2C</td>
<td>Intermediate Mandarin (5)</td>
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</tbody>
</table>
Articulation Agreement by Major  
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<tr>
<th>AND</th>
<th>AND</th>
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</thead>
<tbody>
<tr>
<td>CHINESE 3A &amp; Advanced Mandarin  (4)</td>
<td>No course articulated</td>
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<tr>
<td>CHINESE 3B &amp; Advanced Mandarin  (4)</td>
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<tr>
<td>CHINESE 3C &amp; Advanced Mandarin  (4)</td>
<td>Chinese</td>
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<tr>
<td>OR</td>
<td>OR</td>
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<tr>
<td>JAPANESE 1A &amp; Fundamental Japanese  (5)</td>
<td>JPN 1 &amp; Japanese 1 (5)</td>
</tr>
<tr>
<td>JAPANESE 1B &amp; Fundamental Japanese  (5)</td>
<td>JPN 2 &amp; Japanese 2 (5)</td>
</tr>
<tr>
<td>JAPANESE 1C &amp; Fundamental Japanese  (5)</td>
<td></td>
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<tr>
<td>AND</td>
<td>AND</td>
</tr>
<tr>
<td>JAPANESE 2A &amp; Intermediate Japanese  (5)</td>
<td>JPN 3 &amp; Japanese 3 (5)</td>
</tr>
<tr>
<td>JAPANESE 2C &amp; Intermediate Japanese  (5)</td>
<td></td>
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<tr>
<td>AND</td>
<td>AND</td>
</tr>
<tr>
<td>JAPANESE 3A &amp; Advanced Japanese  (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>JAPANESE 3B &amp; Advanced Japanese  (4)</td>
<td></td>
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<tr>
<td>JAPANESE 3C &amp; Advanced Japanese  (4)</td>
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</tbody>
</table>

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<tr>
<th>OR</th>
<th>OR</th>
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<tbody>
<tr>
<td>KOREAN 1A &amp; Fundamentals of Korean  (5)</td>
<td>No course articulated</td>
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<tr>
<td>KOREAN 1B &amp; Fundamentals of Korean  (5)</td>
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<tr>
<td>KOREAN 1C &amp; Fundamentals of Korean  (5)</td>
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<td>AND</td>
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<tr>
<td>KOREAN 2A &amp; Intermediate Korean  (5)</td>
<td>No course articulated</td>
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<tr>
<td>KOREAN 2B &amp; Intermediate Korean  (5)</td>
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<td>KOREAN 2C &amp; Intermediate Korean  (5)</td>
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<tr>
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<td>No course articulated</td>
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<tr>
<td>KOREAN 3B &amp; Advanced Korean  (4)</td>
<td></td>
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<tr>
<td>KOREAN 3C &amp; Advanced Korean  (4)</td>
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</tbody>
</table>

At least one course from each area for a total of four semester or six quarter courses:  
-Writing, Literature, History, and Philosophy-

<table>
<thead>
<tr>
<th>LOWER-DIVISION WRITING</th>
<th>LITERATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 1A English Composition  (4)</td>
<td>ENG 6 British Literature I: Anglo-Saxon through Eighteenth Century (3)</td>
</tr>
<tr>
<td>OR</td>
<td>OR</td>
</tr>
<tr>
<td>ENG 1AH Honors English Composition  (4)</td>
<td>ENG 1BH Honors Critical Thinking and Writing (4)</td>
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</tbody>
</table>
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| ENG 7     | British Literature II: (3) |
|           | Romanticism through        |
|           | Postmodernism              |
| ENG 14    | American Literature I:     (3) |
|           | Pre-Contact through        |
|           | Civil War                  |
| ENG 15    | American Literature II:    (3) |
|           | 1860 to the Present        |
| ENG 40    | World Literature I:        (3) |
|           | Ancient Literatures to     |
|           | the Seventeenth Century    |
| ENG 41    | World Literature II:       (3) |
|           | Seventeenth Century        |
|           | Through the Present        |

| HISTORY  | HISTORY  |
|          |          |
| HIS 1    | History of World            (3) |
|          | Civilizations I             |
| HIS 2    | History of World            (3) |
|          | Civilizations II            |
| HIS 6    | Political and Social History of the United States (3) |
| OR       | OR       |
| HIS 6H   | Honors Political and Social History of the United States (3) |
|          |          |
| HIS 7    | Political and Social History of the United States (3) |
| OR       | OR       |
| HIS 7H   | Honors Political and Social History of the United States (3) |

| PHILOSOPHY  | PHILOSOPHY |
|             |            |
| PHI 10     | Introduction to Philosophy (3) |
| OR         | OR         |
| PHI 10H    | Honors Introduction to Philosophy (3) |
| PHI 12     | Introduction to Ethics: Contemporary Moral Issues (3) |
| PHI 35     | Philosophy of Religion (3) |
|            | Same as: HUM 35 |
| OR         | OR         |
| HUM 35     | Philosophy of Religion (3) |
|            | Same as: PHI 35 |

OR

HUMAN 1A  &  Humanities Core Lecture (4)  HUMAN 4  Arts and Ideas: Ancient (3)
HUMAN 1B  &  Humanities Core Lecture (4)  |  World through the Late
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From: Norco College  

<table>
<thead>
<tr>
<th>HUMAN 1C</th>
<th>Humanities Core Lecture (4)</th>
<th>Medieval Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUMAN 1AS</td>
<td>Humanities Core Writing (4)</td>
<td>OR</td>
</tr>
<tr>
<td>HUMAN 1BS</td>
<td>Humanities Core Writing (4)</td>
<td>HUM 4H</td>
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<tr>
<td>HUMAN 1CS</td>
<td>Humanities Core Writing (4)</td>
<td>HUM 5</td>
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<td>OR</td>
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<td></td>
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<td>HUM 5H</td>
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<td>ENG 1A</td>
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<td>OR</td>
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<td>ENG 1BH</td>
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</tbody>
</table>

END OF EAST ASIAN CULTURES
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To: UC Irvine | From: Norco College
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====Ecology and Evolutionary Biology, B.S.====

Junior-level applicants with the highest grades overall who satisfactorily complete course prerequisites will be given preference for admission.

All applicants must complete the following with a grade of C or better in each required course:
- one year of biology courses equivalent to UCI’s BIO SCI 93 & BIO SCI 94,
- one year of general chemistry with laboratory, and
- one year of organic chemistry with laboratory

All applicants must have a cumulative GPA of 3.0 or higher.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/resources/transfer_selection.html#bio

Transfer students are advised to complete as many articulated lower-division degree requirements as possible prior to transfer. For information, contact the School of Biological Sciences at (949) 824-5318 or go to http://www.bio.uci.edu/students/undergraduates/

NOTE: Once enrolled at UCI, School of Biological Sciences majors may only take UCI courses to satisfy major requirements.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

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**MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 93</td>
<td>From DNA to Organisms</td>
<td>4</td>
</tr>
<tr>
<td>BIO 60</td>
<td>Introduction to Molecular and Cellular Biology</td>
<td>5</td>
</tr>
<tr>
<td>BIO SCI 94</td>
<td>From Organisms to Ecosystems</td>
<td>4</td>
</tr>
<tr>
<td>BIO 61</td>
<td>Introduction to Organismal and Population Biology (Majors)</td>
<td>5</td>
</tr>
</tbody>
</table>

**Important:** Articulation of general chemistry is based on the completion of the entire year. Students wishing information on course-to-course equivalencies (semester to quarter) should contact the Physical Sciences Student Affairs Office at: pssazot@uci.edu.
### Articulation Agreement by Major

**Effective during the 18-19 Academic Year**

**Applies to Fall 2019 and Fall 2020 Admissions**

<table>
<thead>
<tr>
<th>To: UC Irvine</th>
<th>From: Norco College</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>UC Irvine Credits</th>
<th>Norco College Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1A</td>
<td>General Chemistry</td>
<td></td>
<td>CHE 1A</td>
</tr>
<tr>
<td>CHEM 1B</td>
<td>General Chemistry</td>
<td></td>
<td>CHE 1B</td>
</tr>
<tr>
<td>CHEM 1C</td>
<td>General Chemistry</td>
<td></td>
<td>CHE 1C</td>
</tr>
<tr>
<td>CHEM 1LC</td>
<td>General Chemistry Laboratory</td>
<td></td>
<td>CHE 1LC</td>
</tr>
<tr>
<td>CHEM 1LD</td>
<td>General Chemistry Laboratory</td>
<td></td>
<td>CHE 1LD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>UC Irvine Credits</th>
<th>Norco College Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 51A</td>
<td>Organic Chemistry</td>
<td></td>
<td>CHE 12A</td>
</tr>
<tr>
<td>CHEM 51LB</td>
<td>Organic Chemistry Laboratory</td>
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<td>CHE 12A</td>
</tr>
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### ADDITIONAL APPROVED COURSES FOR THE MAJOR

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>UC Irvine Credits</th>
<th>Norco College Credits</th>
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</thead>
<tbody>
<tr>
<td>BIO SCI 97</td>
<td>Genetics</td>
<td></td>
<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 98</td>
<td>Biochemistry</td>
<td></td>
<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 99</td>
<td>Molecular Biology</td>
<td></td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

Students have two options for completing the Mathematics requirement before enrolling at UCI:

1. Two semesters of Calculus; or
2. One semester of Calculus and one semester of Statistics

Option 2 is recommended for students who would like to attend a health professional school.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>UC Irvine Credits</th>
<th>Norco College Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A</td>
<td>Single-Variable Calculus</td>
<td></td>
<td>MAT 1A</td>
</tr>
<tr>
<td>MATH 2B</td>
<td>Single-Variable Calculus</td>
<td></td>
<td></td>
</tr>
<tr>
<td>and one of the following:</td>
<td>and one of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STATS 7</td>
<td>Basic Statistics</td>
<td></td>
<td>MAT 1B</td>
</tr>
<tr>
<td>STATS 8</td>
<td>Introduction to Biological Statistics</td>
<td>MAT 12 Statistics</td>
<td>MAT 12H</td>
</tr>
<tr>
<td>MATH 2D</td>
<td>Multivariable Calculus</td>
<td></td>
<td>MAT 1C</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>Introduction to Linear Algebra</td>
<td></td>
<td>MAT 3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>UC Irvine Credits</th>
<th>Norco College Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 3A</td>
<td>Basic Physics</td>
<td></td>
<td>PHY 2A</td>
</tr>
<tr>
<td>PHYSICS 3B</td>
<td>Basic Physics</td>
<td></td>
<td>PHY 2B</td>
</tr>
<tr>
<td>PHYSICS 3LB</td>
<td>Basic Physics Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICS 3C</td>
<td>Basic Physics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICS 3LC</td>
<td>Basic Physics Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7C</td>
<td>Classical Physics</td>
<td></td>
<td>PHY 4A</td>
</tr>
</tbody>
</table>

OR

OR
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  

To: UC Irvine  |  From: Norco College  
================================================================================  
| PHYSICS 7LC  &  Classical Physics  (1) |  |
| Laboratory  |  |
| PHYSICS 7D  &  Classical Physics  (4) |  |
| PHY 4B  Electricity and  (4)  |
| Magnetism  |
| PHYSICS 7LD  &  Classical Physics  (1) |  |
| Laboratory  |  |
| PHYSICS 7E  Classical Physics  (4) |  |

================================================================================  
END OF ECOLOGY AND EVOLUTIONARY BIOLOGY
### Economics, B.A.

Transfer applicants with the highest grades overall who satisfactorily complete course prerequisites will be given preference for admission.

All applicants must complete the following courses:
- one course in microeconomics,
- one course in macroeconomics, and
- two semesters of approved first-year calculus

All required courses must be completed with a grade of B or better in each course.

An honors program in Economics is available; contact the School of Social Sciences at (949) 824-6803 for information.

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**NOTE:** In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).  


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### MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 20A</td>
<td>Basic Economics I</td>
<td>(4)</td>
<td>ECO 8</td>
</tr>
<tr>
<td>ECON 20B</td>
<td>Basic Economics II</td>
<td>(4)</td>
<td>ECO 7</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td>ECO 7H</td>
<td>Honors Principles of Macroeconomics</td>
</tr>
<tr>
<td>MATH 2A &amp;</td>
<td>Single-Variable Calculus</td>
<td>(4)</td>
<td>MAT 1A &amp;</td>
</tr>
<tr>
<td>MATH 2B</td>
<td>Single-Variable Calculus</td>
<td>(4)</td>
<td>MAT 1B</td>
</tr>
</tbody>
</table>

### ADDITIONAL APPROVED COURSES FOR THE MAJOR

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 15A &amp;</td>
<td>Probability and Statistics in Economics I</td>
<td>(4)</td>
<td>No course articulated—Courses to be completed at UCI</td>
</tr>
<tr>
<td>ECON 15B</td>
<td>Probability and Statistics in Economics II</td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>MATH 4</td>
<td>Mathematics for Economists</td>
<td>(4)</td>
<td>MAT 1C &amp;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>MAT 3</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Norco College

================================================================================

Two introductory Social Science courses | Two courses from:
in disciplines other than Economics:
| ANT 1  Physical Anthropology (3)
| ANT 2  Cultural Anthropology (3)
| ANT 8  Language and Culture (3)
| ENG 16 Introduction to (3)
| Linguistics
| GEG 1  Physical Geography (3)
| PSY 1  General Psychology (3)
| SOC 1  Introduction to (3)
| Sociology

In addition to the School of Social Sciences Math Requirement, all students are required to take coursework equivalent to I&C SCI 31 or SOC SCI 3A.

| I&C SCI 31  Introduction to Programming (4) | No course articulated |
| Same as: CSE 41 |
| OR |
| OR |
| SOC SCI 3A  Computer-Based Research (4) | No course articulated-Course must be completed at UCI |
| in the Social Sciences |

END OF ECONOMICS
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  

To: UC Irvine                               | From: Norco College

================================================================================

====Education Sciences, B.A.====

The Education Sciences major is ideal for students interested in elementary and secondary education, education research, education technology, and social and public policy concerning education.

There are no prerequisites required for the Education Sciences major. Preference will be given to junior-level applicants with the highest grades overall (minimum cumulative GPA of 3.0). It is suggested that prospective transfer students work toward completing coursework to fulfill the UCI general education requirements or IGETC. The courses listed below will fulfill UCI lower-division major requirements.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).


<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 10</td>
<td>Educational Research Design</td>
<td>4</td>
</tr>
<tr>
<td>PSY 50</td>
<td>Research Methods in Psychology</td>
<td>4</td>
</tr>
<tr>
<td>EDUC 15</td>
<td>Statistics for Education Research</td>
<td>4</td>
</tr>
<tr>
<td>MAT 12</td>
<td>Statistics</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td>MAT 12H Honors Statistics</td>
<td>4</td>
</tr>
<tr>
<td>EDUC 30</td>
<td>21st Century Literacies</td>
<td>4</td>
</tr>
<tr>
<td>EDUC 40</td>
<td>Theories of Development and Learning Applied to Education</td>
<td>4</td>
</tr>
<tr>
<td>EDUC 50</td>
<td>Origins, Purposes, and Central Issues in K-12 Education</td>
<td>4</td>
</tr>
<tr>
<td>EDUC 100</td>
<td>Educational Strategies for Tutoring and Teacher Aiding</td>
<td>4</td>
</tr>
<tr>
<td>EDUC 131</td>
<td>Educational Technology</td>
<td>4</td>
</tr>
</tbody>
</table>

END OF EDUCATION SCIENCES
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  

To: UC Irvine  
From: Norco College  

================================================================================  
====Educational Studies (Minor in)====  

The minor in Educational Studies is designed to facilitate exploration of a broad range of issues in the field of education. Graduates with the Educational Studies minor may be employed in schools, government, private industry, and non-profit organizations. Many graduates will pursue advanced training leading to teaching careers or administrative leadership.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

--------------------------------------------------------------------------------
EDUC 50 Origins, Purposes, and Central Issues in K-12 Education  
| No course articulated  
--------------------------------------------------------------------------------
EDUC 100 Educational Strategies for Tutoring and Teacher Aiding  
| No course articulated  
--------------------------------------------------------------------------------
EDUC 131 Educational Technology  
| No course articulated  
--------------------------------------------------------------------------------

END OF EDUCATIONAL STUDIES (Minor in)
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Norco College

================================================================================
====Electrical Engineering, B.S.====

Preference will be given to junior-level applicants with the highest grades overall who have satisfactorily completed the following major-preparation courses with a grade of C or better by the end of spring term prior to transfer.

- Both Single Variable Calculus I (C-ID MATH 210 or MATH 211)
  + Single Variable Calculus II (C-ID MATH 220 or MATH 221)
  or Single Variable Calculus Sequence (C-ID MATH 900S or 910S)
- Multivariable Calculus (C-ID MATH 230)
- Both Ordinary Differential Equations (C-ID MATH 240)
  + Introduction to Linear Algebra (C-ID MATH 250)
  or Differential Equations and Linear Algebra (C-ID MATH 910S)
- All 3 Calculus-Based Physics for Scientists and Engineers: A (C-ID PHYS 205)
  + Calculus-Based Physics for Scientists and Engineers: B (C-ID PHYS 210)
  + Calculus-Based Physics for Scientists and Engineers: C (C-ID PHYS 215)
  or Calculus-Based Physics for Scientists and Engineers: ABC (C-ID PHYS 200S)
- Programming Concepts and Methodology I (C-ID COMP 122)
  or Introduction to Programming Concepts and Methodologies for Engineers (C-ID ENGR 120)
- Circuit Analysis (C-ID ENGR 260) + Circuit Analysis Lab (C-ID ENGR 260L)

Students must have a cumulative GPA of 3.0 in required courses.

Additional courses listed will transfer and be used toward the degree but will not have a meaningful impact on the time to complete the degree. Students should not delay transfer in order to complete these courses.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

<table>
<thead>
<tr>
<th>MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A &amp; Single-Variable Calculus  (4)</td>
</tr>
<tr>
<td>MATH 2B Single-Variable Calculus    (4)</td>
</tr>
<tr>
<td>MATH 2D Multivariable Calculus     (4)</td>
</tr>
<tr>
<td>MATH 2E Multivariable Calculus     (4)</td>
</tr>
<tr>
<td>MATH 3A Introduction to Linear Algebra</td>
</tr>
<tr>
<td>MATH 3D Elementary Differential Equations</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major  
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<table>
<thead>
<tr>
<th>Course</th>
<th>Major</th>
<th>UC Irvine Equivalent</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 7C &amp; Classical Physics</td>
<td>(4)</td>
<td>PHY 4A &amp; Mechanics</td>
<td>(4)</td>
</tr>
<tr>
<td>PHYSICS 7LC &amp; Classical Physics</td>
<td>(1)</td>
<td>Mechanics</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7D &amp; Classical Physics</td>
<td>(4)</td>
<td>PHY 4B &amp; Electricity and Magnetism</td>
<td>(4)</td>
</tr>
<tr>
<td>PHYSICS 7LD &amp; Classical Physics</td>
<td>(1)</td>
<td>Magnetism</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7E &amp; Classical Physics</td>
<td>(4)</td>
<td>PHY 4C &amp; Heat, Light and Waves</td>
<td>(4)</td>
</tr>
</tbody>
</table>

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EECS 10 Computational Methods in Electrical and Computer Engineering | (4) | CIS 17A Programming Concepts and Methodologies II: C++ |

---

EECS 70A Network Analysis I | (4) | No course articulated |

---

EECS 70LA Network Analysis I Laboratory | (1) | No course articulated |

---

ADDITIONAL MAJOR REQUIREMENTS

<table>
<thead>
<tr>
<th>Course</th>
<th>Major</th>
<th>UC Irvine Equivalent</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 51A Modern Physics</td>
<td>(4)</td>
<td>No course articulated</td>
<td></td>
</tr>
</tbody>
</table>

---

ENGR 1A General Chemistry for Engineers | (4) | No course articulated |

---

CHEM 1A General Chemistry | (4) | CHE 1A General Chemistry, I | (5) |

---

CHEM 1AH Honors General Chemistry, I | (5) |

---

EECS 1 Introduction to Electrical Engineering and Computer Engineering | (1) | No course articulated |

---

EECS 31 Introduction to Digital Systems | (4) | No course articulated |

---

EECS 31L Introduction to Digital Logic Laboratory | (3) | No course articulated |

---

EECS 50 Discrete-Time Signals and Systems | (4) | No course articulated |

---

EECS 55 Engineering Probability | (4) | No course articulated |

---

EECS 70B & Network Analysis II | (4) | No course articulated |

---

EECS 70LB Network Analysis II Laboratory | (1) | |

---

ADDITIONAL MAJOR ELECTIVES

<table>
<thead>
<tr>
<th>Course</th>
<th>Major</th>
<th>UC Irvine Equivalent</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 52A Fundamentals of Experimental Physics</td>
<td>(2)</td>
<td>PHY 4C Heat, Light and Waves</td>
<td>(4)</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  

To: UC Irvine  | From: Norco College  

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 54</td>
<td>Principles of Materials</td>
</tr>
<tr>
<td>Science and Engineering</td>
<td></td>
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<tr>
<td>-------------------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>EECS 20</td>
<td>Computer Systems and Programming in C</td>
</tr>
<tr>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
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<tr>
<td>-------------------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>EECS 22</td>
<td>Advanced C Programming</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>ENGR 7A</td>
<td>Introduction to Engineering I</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGR 7B</td>
<td>Introduction to Engineering II</td>
</tr>
</tbody>
</table>

END OF ELECTRICAL ENGINEERING
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine  | From: Norco College

================================================================================

==English, B.A.==

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly: [www.humanities.uci.edu/undergrad/academics/lang.php](http://www.humanities.uci.edu/undergrad/academics/lang.php)

--------------------------------------------------------------------------------

Students interested in the English, with a Specialization in English for Future Teachers, B.A. should refer to the 2015-2016 General Catalogue.

--------------------------------------------------------------------------------

NOTE: In fulfillment of the requirements below, a single course may be used only once.

--------------------------------------------------------------------------------

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--------------------------------------------------------------------------------

<table>
<thead>
<tr>
<th>Three courses from:</th>
<th>Two courses from:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH 28A</td>
<td>English, B.A.</td>
</tr>
<tr>
<td>The Poetic Imagination (4)</td>
<td>British Literature I: (3)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>ENGLISH 28D &amp; 28E</td>
<td></td>
</tr>
<tr>
<td>The Craft of Poetry (4)</td>
<td>Anglo-Saxon through Eighteenth Century</td>
</tr>
<tr>
<td>ENGLISH 28B &amp; 28C</td>
<td></td>
</tr>
<tr>
<td>Comic and Tragic (4)</td>
<td>British Literature II: (3)</td>
</tr>
<tr>
<td>Vision</td>
<td>Romanticism through</td>
</tr>
<tr>
<td>ENGLISH 28C</td>
<td></td>
</tr>
<tr>
<td>Realism and Romance (4)</td>
<td>Modernism/Post-Modernism</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>ENGLISH 28E</td>
<td></td>
</tr>
<tr>
<td>The Craft of Fiction (4)</td>
<td>American Literature I: (3)</td>
</tr>
<tr>
<td></td>
<td>Pre-Contact through</td>
</tr>
<tr>
<td></td>
<td>Civil War</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Norco College

| ENG 15    | American Literature II: (3) |
| ENG 15    | 1860 to the Present          |
| ENG 40    | World Literature I: From (3) |
| ENG 40    | Ancient Literatures          |
|           | through to the              |
|           | Seventeenth Century         |
| ENG 41    | World Literature II: (3)    |
| ENG 41    | Seventeenth Century          |
|           | through the Present         |

Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level)

| JPN 4    | Japanese 4 (5) |
| OR       | SPA 4    | Spanish 4 (5) |

At least one course from each area for a total of four semester or six quarter courses:

At least one course from each area (Writing, Literature, History, and Philosophy) for a total of four semester courses:

**LOWER-DIVISION WRITING**

| ENG 1A   | English Composition (4) |
| OR       |                         |
| ENG 1AH  | Honors English Composition (4) |
| ENG 1B   | Critical Thinking and Writing (4) |
| OR       |                         |
| ENG 1BH  | Honors Critical Thinking and Writing (4) |

**ENGLISH LITERATURE**

| ENG 6    | British Literature I: (3) |
| ENG 6    | Anglo-Saxon through       |
| ENG 6    | Eighteenth Century        |
| ENG 7    | British Literature II: (3) |
| ENG 7    | Romanticism through       |
| ENG 7    | Postmodernism             |
| ENG 14   | American Literature I: (3) |
| ENG 14   | Pre-Contact through       |
| ENG 14   | Civil War                 |
| ENG 15   | American Literature II: (3) |
| ENG 15   | 1860 to the Present       |
| ENG 40   | World Literature I: From (3) |
| ENG 40   | Ancient Literatures to    |
| ENG 40   | the Seventeenth Century   |
| ENG 41   | World Literature II: (3)  |
| ENG 41   | Seventeenth Century        |
| ENG 41   | through the Present       |

**HISTORY**

| HIS 1    | History of World (3) |

|
Articulation Agreement by Major
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To: UC Irvine  |  From: Norco College

| Civilization I
| HIS 2  | History of World (3) |
| Civilizations II
| HIS 6  | Political and Social History of the United States (3) |
| OR |
| HIS 6H | Honors Political and Social History of the United States (3) |
| OR |
| HIS 7H | Honors Political and Social History of the United States (3) |

| PHILOSOPHY |
| PHI 10 | Introduction to Philosophy (3) |
| OR |
| PHI 10H | Honors Introduction to Philosophy (3) |
| PHI 12 | Introduction to Ethics: Contemporary Moral Issues (3) |
| PHI 35 | Philosophy of Religion (3) |
| Same as: HUM 35 |
| OR |
| HUM 35 | Philosophy of Religion (3) |
| Same as: PHI 35 |

| OR |
| HUMAN 1A | Humanities Core Lecture (4) |
| HUMAN 1B | Humanities Core Lecture (4) |
| HUMAN 1C | Humanities Core Lecture (4) |
| HUMAN 1AS | Humanities Core Writing (4) |
| HUMAN 1BS | Humanities Core Writing (4) |
| HUMAN 1CS | Humanities Core Writing (4) |

| OR |
| HUMAN 1A | Humanities Core Lecture (4) |
| HUMAN 1B | Humanities Core Lecture (4) |
| HUMAN 1C | Humanities Core Lecture (4) |
| HUMAN 1AS | Humanities Core Writing (4) |
| HUMAN 1BS | Humanities Core Writing (4) |
| HUMAN 1CS | Humanities Core Writing (4) |
| OR |
| HUM 4 | Arts and Ideas: Ancient (3) |
| HUM 4H | Honors Arts and Ideas: Ancient World through the Late Medieval Period (3) |
| OR |
| HUM 5 | Arts and Ideas: The Renaissance through the Modern Era (3) |
| OR |
| HUM 5H | Honors Arts and Ideas: The Renaissance through the Modern Era (3) |
| AND |
| ENG 1A | English Composition (4) |
| OR |
| ENG 1AH | Honors English (4) |
Articulation Agreement by Major
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To: UC Irvine | From: Norco College
================================================================================
| Composition |
| ENG 1B     Critical Thinking and Writing (4) |
| OR |
| ENG 1BH    Honors Critical Thinking and Writing (4) |
================================================================================

END OF ENGLISH
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Norco College
================================================================================
====Environmental Engineering, B.S.====
Preference will be given to junior-level applicants with the highest grades overall who have satisfactorily completed the following major-preparation courses with a grade of C or better by the end of spring term prior to transfer.

- Both Single Variable Calculus I (C-ID MATH 210 or MATH 211)
  + Single Variable Calculus II (C-ID MATH 220 or MATH 221)
  or Single Variable Calculus Sequence (C-ID MATH 900S or 910S)
- Multivariable Calculus (C-ID MATH 230)
- Both Ordinary Differential Equations (C-ID MATH 240)
  + Introduction to Linear Algebra (C-ID MATH 250)
  or Differential Equations and Linear Algebra (C-ID MATH 910S)
- Both Calculus-Based Physics for Scientists and Engineers: A (C-ID PHYS 205)
  + Calculus-Based Physics for Scientists and Engineers: B (C-ID PHYS 210)
  or Calculus-Based Physics for Scientists and Engineers: ABC (C-ID PHYS 200S)
- General Chemistry for Science Majors Sequence A (C-ID CHEM 120S)
- Programming and Problem Solving in MATLAB (C-ID ENGR 220)

Students must have a cumulative GPA of 3.0 in required courses.
--------------------------------------------------------------------------------
The following courses are not required for transfer consideration, however the degree cannot be completed in two years without them:
- Introduction to Statistics (C-ID MATH 110)
- Statics (C-ID ENGR 130)
- Engineering Graphics (C-ID ENGR 150)

Additional courses listed will transfer and be used toward the degree but will not have a meaningful impact on the time to complete the degree. Students should not delay transfer in order to complete these courses.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

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<table>
<thead>
<tr>
<th>MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER</th>
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<tbody>
<tr>
<td>MATH 2A &amp; Single-Variable Calculus (4)</td>
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<tr>
<td>MATH 2B Single-Variable Calculus (4)</td>
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<tr>
<td>MATH 2D Multivariable Calculus (4)</td>
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<tr>
<td>MATH 2E Multivariable Calculus (4)</td>
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<tr>
<td>MATH 3A Introduction to Linear Algebra (4)</td>
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**Articulation Agreement by Major**

**Effective during the 18-19 Academic Year**

**Applies to Fall 2019 and Fall 2020 Admissions**

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**To: UC Irvine**

| From: Norco College |
---

**MATH 3D**  | **Elementary Differential Equations**  | (4) | **MAT 2**  | **Differential Equations**  | (4) |
---

**PHYSICS 7C**  | **Classical Physics**  | (4) | **PHYSICS 7LC**  | **Classical Physics**  | (1) |
---

**PHYSICS 7D**  | **Classical Physics**  | (4) | **PHYSICS 7LD**  | **Classical Physics**  | (1) |
---

| **PHYSICS 7C**  | **Classical Physics**  | (4) |
| **PHYSICS 7LC**  | **Classical Physics**  | (1) |
| **PHYSICS 7D**  | **Classical Physics**  | (4) |
| **PHYSICS 7LD**  | **Classical Physics**  | (1) |
| **CHEM 1A**  | **General Chemistry for Engineers**  | (4) |
| **CHEM 1B**  | **General Chemistry**  | (4) |
| **CHEM 1C**  | **General Chemistry**  | (4) |
| **CHEM 1LC**  | **General Chemistry**  | (2) |
| **CHEM 1LD**  | **General Chemistry**  | (2) |
| **CHEM 1A**  | **General Chemistry**  | (4) |
| **CHEM 1B**  | **General Chemistry**  | (4) |
| **CHEM 1C**  | **General Chemistry**  | (4) |
| **CHEM 1LC**  | **General Chemistry**  | (2) |
| **CHEM 1LD**  | **General Chemistry**  | (2) |
| **EngrCEE 20**  | **Engineering Problem Solving**  | (4) |
---

**MAJOR PREPARATION COURSES NECESSARY TO GRADUATE IN 2 YEARS**

---

**EngrCEE 11**  | **Methods II: Probability and Statistics**  | (4) |
---

**EngrMAE 30**  | **Statics**  | (4) | **ENE 35**  | **Statics**  | (3) |
---

**EngrCEE 81A**  | **Civil Engineering Practicum I**  | (3) |
---

**ADDITIONAL MAJOR REQUIREMENTS**

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**CHEM 51A**  | **Organic Chemistry**  | (4) | **CHEM 12A**  | **Organic Chemistry, I**  | (5) |
---

**EngrCEE 21**  | **Computational Problem Solving**  | (4) |
---

**EngrCEE 81B**  | **Civil Engineering Practicum II**  | (3) |
---

**EngrMAE 91**  | **Introduction to**  | (4) |
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  

To: UC Irvine  
From: Norco College  

<table>
<thead>
<tr>
<th>Thermodynamics</th>
</tr>
</thead>
</table>

| ECON 20A | Basic Economics I | 4 |
| ECO 8    | Principles of Microeconomics |

AND

| ECON 20B | Basic Economics II | 4 |
| ECO 7    | Principles of Macroeconomics |

OR

| ECO 7H   | Honors Principles of Macroeconomics |

| ENGRCEE 60 | Contemporary and Emerging Environmental Challenges | 4 |

OR

| SOCECOL E8 | Introduction to Environmental Analysis and Design | 4 |

| BIO 19   | Environmental Science | 3 |

| EARTHSS 15 | Introduction to Global Climate Change | 4 |

OR

| EARTHSS 19 | Introduction to Modeling the Earth System | 4 |

ADDITIONAL MAJOR ELECTIVES

Two courses from the following:

| BIO SCI 42 | Origin of Life | 4 |

OR

| BIO SCI 93 | From DNA to Organisms | 4 |

| BIO 60    | Introduction to Molecular and Cellular Biology | 5 |

| EARTHSS 15 | Introduction to Global Climate Change | 4 |

OR

| EARTHSS 19 | Introduction to Modeling the Earth System | 4 |

One course from the following:

| CBEMS 45A | Chemical Processing and Materials Balances | 4 |

| EECS 70A  | Network Analysis I | 4 |

| ENGR 7A   | Introduction to Engineering I | 2 |

AND

| ENGR 7B   | Introduction to Engineering II | 2 |

| ENGR 54   | Principles of Materials Science and Engineering | 4 |
Articulation Agreement by Major  
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To: UC Irvine  |  From: Norco College  

==========================================================================
ENGRMAE 80  Dynamics  (4)|No course articulated  
Same as: ENGR 80, ENGRCEE 80  
==========================================================================

END OF ENVIRONMENTAL ENGINEERING
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Norco College  

================================================================================

====Environmental Science, B.A.====

Preference will be given to junior-level applicants with the highest grades overall who have satisfactorily completed either:
- one year of general chemistry with laboratory, or
- one year of biology with laboratory

One year of economics or sociology is recommended.

Transfer students **must** have a cumulative GPA of 3.0 or higher.

Optional concentration in Geosciences Education with Secondary Teaching Certification. Information is available at (949) 824-6507, [ps.uci.edu](http://ps.uci.edu).

**NOTE:** In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).


================================================================================

**MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER**

**Important:** Articulation of general chemistry is based on the completion of the **entire** year. Students wishing information on course-to-course equivalencies (semester to quarter) should contact the Physical Sciences Student Affairs Office at: pssazot@uci.edu.

| CHEM 1A & General Chemistry (4) | CHEM 1A & General Chemistry, I (5) |
| CHEM 1B & General Chemistry (4) | CHEM 1B General Chemistry, II (5) |
| CHEM 1C & General Chemistry (4) | |
| CHEM 1LC & General Chemistry Laboratory (2) | |
| CHEM 1LD General Chemistry Laboratory (2) | |
| OR | OR |
| BIO SCI 93 From DNA to Organisms (4) | BIO 60 Introduction to Molecular and Cellular Biology (5) |
| AND | AND |
| BIO SCI 94 From Organisms to Ecosystems (4) | BIO 61 Introduction to Organismal and Population Biology (Majors) (5) |

================================================================================

**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

One course from: | One course from:
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| EARTHSS 1 | The Physical Environment | (4) | No course articulated |
| EARTHSS 3 | Oceanography | (4) | No course articulated |
| EARTHSS 5 | The Atmosphere | (4) | No course articulated |
| EARTHSS 7 | Physical Geology | (5) | No course articulated |

Students from community colleges that have no articulation for EARTHSS 1/3/5/7 may satisfy this requirement by completing any introductory geology, oceanography or atmospheric science course offered at their college.

| EARTHSS 60A | Fundamental Processes | (4) | No course articulated |
| EARTHSS 60B | Local and Regional Environmental Issues | (4) |
| EARTHSS 60C | Global Environmental Issues | (4) |

Three courses from:

| MATH 2A | Single-Variable Calculus | (4) | MAT 1A | Calculus I | (4) |
| MATH 2B | Single-Variable Calculus | (4) | MAT 1B | Calculus II | (4) |
| MATH 4 | Mathematics for Economists | (4) | MAT 1C | Calculus III | (4) |

Two courses from:

| STATS 7 | Basic Statistics | (4) | MAT 12 | Statistics | (4) |

| SOC SCI 9A | General Statistics and Probability I | (4) |
| SOC SCI 9B | General Statistics and Probability II | (4) |
| SOC SCI 9C | General Statistics and Probability III | (4) |
| ECON 15A | Probability and Statistics in Economics I | (4) |
| ECON 15B | Probability and Statistics in Economics II | (4) |

Four courses from:

| ECON 13 | Global Economy | (4) |

Same as: INTL ST 13

| ECON 20A | Basic Economics I | (4) | ECO 8 | Principles of Microeconomics | (3) |
| ECON 20B | Basic Economics II | (4) | ECO 7 | Principles of Macroeconomics | (3) |

OR

| ECON 7H | Honors Principles of Macroeconomics | (3) |

SOC 1 | Introduction to Sociology | (3) |
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|SOC 2| Global and International Sociology (4)|No course articulated|
|SOC 3| Introduction to Social Problems (4)|SOC 2 American Social Problems (3)|
|PPD 4| Introduction to Urban Studies (4)|No course articulated|

================================================================================
|No course articulated  |

Two elective courses from:  |Two elective courses from:  
BIO SCI 20| California Natural History (4)|No course articulated  |
BIO SCI 55| Introduction to Ecology (4)|No course articulated  |
BIO SCI 65| Biodiversity and Conservation (4)|No course articulated  |
BIO SCI 97| Genetics (4)|No course articulated  |
BIO SCI 98| Biochemistry (4)|No course articulated  |
BIO SCI 99| Molecular Biology (4)|No course articulated  |
CHEM 51A & | Organic Chemistry (4)|CHE 12A Organic Chemistry, I (5)|
CHEM 51LB| Organic Chemistry Laboratory (2)|
CHEM 51B & | Organic Chemistry (4)|CHE 12A Organic Chemistry, I (5)|
CHEM 51C & | Organic Chemistry (4)|CHE 12B Organic Chemistry, II (5)|
CHEM 51LC| Organic Chemistry Laboratory (2)|
PHYSICS 3A & | Basic Physics (4)|PHY 2A General Physics I (4)|
PHYSICS 3B & | Basic Physics (4)|PHY 2B General Physics II (4)|
PHYSICS 3LB & | Basic Physics Laboratory (1.5)|
PHYSICS 3C & | Basic Physics (4)|
PHYSICS 3LC| Basic Physics Laboratory (1.5)|
PHYSICS 7C & | Classical Physics (4)|PHY 4A Mechanics (4)|
PHYSICS 7LC| Classical Physics Laboratory (1)|
PHYSICS 14| Physics of Energy and the Environment (4)|No course articulated  |
PHYSICS 20A| Introduction to Astronomy (4)|No course articulated  |
PHYSICS 20B| Cosmology: Man's Place in the Universe (4)|No course articulated  |
PHYSICS 20C| Observational Astronomy (4)|No course articulated  |
PHYSICS 20D| Space Science (4)|No course articulated  |

================================================================================
|No course articulated  |

Two elective courses from:  |Two elective courses from:  
SOCIAL 31| Introduction to Social Psychology (4)|No course articulated  |
  Same as:  PSYCH 78A |
SOCIAL 43| Urban Sociology (4)|No course articulated  |
SOCIAL 44| Population (4)|No course articulated  |

END OF ENVIRONMENTAL SCIENCE
Articulation Agreement by Major
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Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Norco College

================================================================================
====Environmental Science and Policy, B.A.====
================================================================================

GENERAL INFORMATION

Transfer Requirements: Meet all basic UC admission requirements with a minimum
grade of C or better

Have a cumulative UC transferable GPA of 3.0 (3.4 for TAG)

Complete 60 semester or 90 quarter units of UC transferable credit by the end of
the spring term prior to the fall quarter of enrollment.

Complete one course in statistics equivalent to UCI's STATS 7 with a grade of
2.5 or better

Important: Articulation of General Chemistry is based on the completion of the
entire year. Students wishing information on course-to-course equivalencies
(semester to quarter) should contact the Physical Sciences Student Affairs
Office at: pssazot@uci.edu.

NOTE: In fulfillment of the requirements below, a single course may be used
only once.

For information on Transfer Credit for Advanced Placement Exams and International
Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospective
students/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

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<th>MAT 12</th>
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<tr>
<td>OR</td>
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</table>

SOCECOL 13 | Statistical Analysis in Social Ecology | 4 | MAT 12 | Statistics | 4 |
| OR      | MAT 12H          |    | Honors Statistics | 4 |
Articulation Agreement by Major  
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ADDITIONAL APPROVED COURSES FOR THE MAJOR  
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--------------------------------------------------------------------------------  
END OF ENVIRONMENTAL SCIENCE AND POLICY  
--------------------------------------------------------------------------------
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Norco College

================================================================================
====European Studies, B.A.====

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly: www.humanities.uci.edu/undergrad/academics/lang.php

European Studies majors must choose an emphasis in one of the following:
- Medieval Studies
- Early Modern Europe (1450-1789)
- Modern Europe
- Encounters with the Non-European World
- British Studies
- French Studies
- German Studies
- Italian Studies
- The Mediterranean World: Past and Present
- Russian Studies
- Spanish-Portuguese Studies

Students may define their own emphasis in consultation with the program advisor.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospective students/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.
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HISTORY 70B Problems in History: (4) | HIS 4 History of Western Civilization I (3)
Europe

| OR |
| HIS 5 History of Western Civilization II (3) |

Two years of college-level French, German, classical Greek, Italian, Latin, Portuguese, Russian, or Spanish

| SPA 4 Spanish 4 (5) |

At least one course from each area for a total of four semester or six quarter courses:

|At least one course from each area (Writing, Literature, History, and Philosophy) for a total of four semester courses:

LOWER-DIVISION WRITING

| ENG 1A English Composition (4) |
| OR |
| ENG 1AH Honors English Composition (4) |
| OR |
| ENG 1B Critical Thinking and Writing (4) |
| OR |
| ENG 1BH Honors Critical Thinking and Writing (4) |

ENGLISH LITERATURE

| LITERATURE |
| ENG 6 British Literature I: Anglo-Saxon through Eighteenth Century (3) |
| ENG 7 British Literature II: Romanticism through Postmodernism (3) |
| ENG 14 American Literature I: Pre-Contact through Civil War (3) |
| ENG 15 American Literature II: 1860 to the Present (3) |
| ENG 40 World Literature I: From Ancient Literatures to the Seventeenth Century (3) |
| ENG 41 World Literature II: Seventeenth Century Through the Present (3) |

HISTORY

| HISTORY |
| HIS 1 History of World Civilizations I (3) |
| HIS 2 History of World Civilizations II (3) |
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine  
From: Norco College

| HIS 6  | Political and Social History of the United States (3) |
| OR     | HIS 6H | Honors Political and Social History of the United States (3) |
| HIS 7  | Political and Social History of the United States (3) |
| OR     | HIS 7H | Honors Political and Social History of the United States (3) |

**PHILOSOPHY**

| PHI 10 | Introduction to Philosophy (3) |
| OR     | PHI 10H | Honors Introduction to Philosophy (3) |
| PHI 12 | Introduction to Ethics: Contemporary Moral Issues (3) |
| PHI 35 | Philosophy of Religion (3)  
Same as: HUM 35 |
| OR     | HUM 35 | Philosophy of Religion (3)  
Same as: PHI 35 |

**OR**

| HUMAN 1A | Humanities Core Lecture (4) | HUM 4 | Arts and Ideas: Ancient (3) |
| HUMAN 1B | Humanities Core Lecture (4) | HUM 5 | Arts and Ideas: The Renaissance through the Modern Era (3)  
AND | ENG 1A | English Composition (4) |
| HUMAN 1C | Humanities Core Lecture (4) | HUM 5H | Honors Arts and Ideas: The Renaissance through the Modern Era (3)  
AND | ENG 1A | Honors English Composition (4) |
| HUMAN 1AS | Humanities Core Writing (4) | OR     | HUM 4H | Honors Arts and Ideas: Ancient World through the Late Medieval Period (3)  
AND | ENG 1B | Critical Thinking and Writing (4) |
| HUMAN 1BS | Humanities Core Writing (4) | OR     | ENG 1AH | Honors Critical Thinking and Writing (4) |
| HUMAN 1CS | Humanities Core Writing (4) | OR     | ENG 1B | Critical Thinking and Writing (4) |
Articulation Agreement by Major  
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Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine  |  From: Norco College

|  OR  |
| ENG 1BH         | Honors Critical         (4)  |
|              | Thinking and Writing |

END OF EUROPEAN STUDIES
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Norco College
==================================================================================================

====Film and Media Studies, B.A.====

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly: www.humanities.uci.edu/undergrad/academics/lang.php

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

<table>
<thead>
<tr>
<th>Course</th>
<th>UC Transferable Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLM&amp;MDA 85A   Introduction to Film and Visual Analysis</td>
<td>(4) No course articulated-Course to be completed at UCI</td>
</tr>
<tr>
<td>FLM&amp;MDA 85B   Broadcast Media History and Analysis</td>
<td>(4) No course articulated-Course to be completed at UCI</td>
</tr>
<tr>
<td>FLM&amp;MDA 85C   New Media and Digital Technologies</td>
<td>(4) No course articulated-Course to be completed at UCI</td>
</tr>
</tbody>
</table>

Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level) | | |
| JPN 4 Japanese 4 | OR | |
| SPA 4 Spanish 4 | |

At least one course from each area for a total of four semester or six quarter | | |
| (Writing, Literature, History, and | | |

---------------------------------------------------------------------------------------------------
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine  |  From: Norco College

================================================================================
courses: (Philosophy) for a total of four semester courses:

<table>
<thead>
<tr>
<th>LOWER-DIVISION WRITING</th>
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</thead>
<tbody>
<tr>
<td>ENG 1A     English Composition (4)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>ENG 1AH    Honors English Composition (4)</td>
</tr>
<tr>
<td>ENG 1B     Critical Thinking and Writing (4)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>ENG 1BH    Honors Critical Thinking and Writing (4)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>ENGLISH LITERATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 6     British Literature I: Anglo-Saxon through Eighteenth Century (3)</td>
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<tr>
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<td>ENG 40    World Literature I: From Ancient Literatures to the Seventeenth Century (3)</td>
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<td>ENG 41    World Literature II: Seventeenth Century Through the Present (3)</td>
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</table>

<table>
<thead>
<tr>
<th>HISTORY</th>
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<tbody>
<tr>
<td>HIS 1    History of World Civilizations I (3)</td>
</tr>
<tr>
<td>HIS 2    History of World Civilizations II (3)</td>
</tr>
<tr>
<td>HIS 6    Political and Social History of the United States (3)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>HIS 6H   Honors Political and Social History of the United States (3)</td>
</tr>
<tr>
<td>HIS 7    Political and Social History of the United States (3)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>HIS 7H   Honors Political and Social History of the United States (3)</td>
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## Articulation Agreement by Major

**Effective during the 18-19 Academic Year**

**Applies to Fall 2019 and Fall 2020 Admissions**

<table>
<thead>
<tr>
<th>To: UC Irvine</th>
<th>From: Norco College</th>
</tr>
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</table>

### PHILOSOPHY

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>PHI 10</td>
<td>Introduction to Philosophy</td>
<td>3</td>
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<tr>
<td>PHI 10H</td>
<td>Honors Introduction to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHI 12</td>
<td>Introduction to Ethics: Contemporary Moral Issues</td>
<td>3</td>
</tr>
<tr>
<td>PHI 35</td>
<td>Philosophy of Religion</td>
<td>3</td>
</tr>
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</table>

**OR**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>HUM 35</td>
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**OR**

<table>
<thead>
<tr>
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<td>Humanities Core Lecture</td>
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<td>HUMAN 1C</td>
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<td>HUMAN 1AS</td>
<td>Humanities Core Writing</td>
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<td>HUMAN 1BS</td>
<td>Humanities Core Writing</td>
<td>4</td>
</tr>
<tr>
<td>HUMAN 1CS</td>
<td>Humanities Core Writing</td>
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<table>
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<th>Units</th>
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<tr>
<td>HUM 4</td>
<td>Arts and Ideas: Ancient World through the Late Medieval Period</td>
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<td>HUM 4H</td>
<td>Honors Arts and Ideas: Ancient World through the Late Medieval Period</td>
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</tr>
<tr>
<td>HUM 5</td>
<td>Arts and Ideas: The Renaissance through the Modern Era</td>
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<tr>
<td>HUM 5H</td>
<td>Honors Arts and Ideas: The Renaissance through the Modern Era</td>
<td>3</td>
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**OR**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ENG 1A</td>
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<td>ENG 1AH</td>
<td>Honors English Composition</td>
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<td>ENG 1B</td>
<td>Critical Thinking and Writing</td>
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<td>ENG 1BH</td>
<td>Honors Critical Thinking and Writing</td>
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### END OF FILM AND MEDIA STUDIES

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Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine From: Norco College

========French, B.A.=======

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly: www.humanities.uci.edu/undergrad/academics/lang.php

--------------------------------------------------------------------------------
For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

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<th>FRENCH 2B (4)</th>
<th>FRENCH 2B (4)</th>
<th>FRENCH 2C (4)</th>
<th>FRENCH 2C (4)</th>
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<tbody>
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</table>

At least one course from each area for a total of four semester or six quarter courses:

<table>
<thead>
<tr>
<th>LOWER-DIVISION WRITING</th>
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<tr>
<td>WRITING</td>
</tr>
<tr>
<td>ENG 1A (5)</td>
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<tr>
<td>OR</td>
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</tbody>
</table>
### Articulation Agreement by Major

**Effective during the 18-19 Academic Year**

**Applies to Fall 2019 and Fall 2020 Admissions**

<table>
<thead>
<tr>
<th>To: UC Irvine</th>
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</thead>
</table>

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| | ENG 1AH | Honors English Composition |
| | ENG 1B | Critical Thinking and Writing |
| OR | ENG 1BH | Honors Critical Thinking and Writing |

#### ENGLISH LITERATURE

| | ENG 6 | British Literature I: Anglo-Saxon through Eighteenth Century |
| | ENG 7 | British Literature II: Romanticism through Postmodernism |
| | ENG 14 | American Literature I: Pre-Contact through Civil War |
| | ENG 15 | American Literature II: 1860 to the Present |
| | ENG 40 | World Literature I: From Ancient Literatures to the Seventeenth Century |
| | ENG 41 | World Literature II: Seventeenth Century Through the Present |

#### HISTORY

| | HIS 1 | History of World Civilizations I |
| | HIS 2 | History of World Civilizations II |
| OR | HIS 6 | Political and Social History of the United States |
| | HIS 6H | Honors Political and Social History of the United States |
| OR | HIS 7 | Political and Social History of the United States |
| OR | HIS 7H | Honors Political and Social History of the United States |

#### PHILOSOPHY

| | PHI 10 | Introduction to Philosophy |
| OR | PHI 10H | Honors Introduction to Philosophy |
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Norco College

================================================================================
| Philosophy                                                                 |
| PHI 12 Introduction to Ethics: (3) |
| Contemporary Moral Issues |
| PHI 35 Philosophy of Religion (3) |
| Same as: HUM 35 |
| OR |
| HUM 35 Philosophy of Religion (3) |
| Same as: PHI 35 |

OR

HUMAN 1A  HHumanities Core Lecture (4) | HUM 4 Arts and Ideas: Ancient (3)
HUMAN 1B  HHumanities Core Lecture (4) | World through the Late Medieval Period
HUMAN 1C  HHumanities Core Lecture (4) | OR
HUMAN 1AS HHumanities Core Writing (4) | Honors Arts and Ideas: (3)
HUMAN 1BS HHumanities Core Writing (4) | Ancient World through the Late Medieval Period
HUMAN 1CS HHumanities Core Writing (4) | OR
| HUM 5 Arts and Ideas: The Renaissance through the Modern Era
| OR
| HUM 5H Honors Arts and Ideas: (3)
| The Renaissance through the Modern Era
| AND
| ENG 1A English Composition (4)
| OR
| ENG 1AH Honors English Composition (4)
| OR
| ENG 1B Critical Thinking and Writing (4)
| OR
| ENG 1BH Honors Critical Thinking and Writing (4)

================================================================================
END OF FRENCH
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Norco College

================================================================================

==Gender and Sexuality Studies, B.A.==

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly: [www.humanities.uci.edu/undergrad/academics/lang.php](http://www.humanities.uci.edu/undergrad/academics/lang.php)

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<table>
<thead>
<tr>
<th>GEN&amp;SEX 50A</th>
<th>Gender and Feminism in Everyday Life</th>
<th>(4)</th>
<th>No course articulated-Course to be completed at UCI</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN&amp;SEX 50B</td>
<td>Gender and Power</td>
<td>(4)</td>
<td>No course articulated-Course to be completed at UCI</td>
</tr>
<tr>
<td>GEN&amp;SEX 50C</td>
<td>Gender and Popular Culture</td>
<td>(4)</td>
<td>No course articulated-Course to be completed at UCI</td>
</tr>
<tr>
<td>GEN&amp;SEX 60A</td>
<td>Gender and Science</td>
<td>(4)</td>
<td>No course articulated-Course to be completed at UCI</td>
</tr>
<tr>
<td>GEN&amp;SEX 60B</td>
<td>Gender and Law</td>
<td>(4)</td>
<td>No course articulated-Course to be completed at UCI</td>
</tr>
<tr>
<td>GEN&amp;SEX 60C</td>
<td>Gender and Religion</td>
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<td>No course articulated-Course to be completed at UCI</td>
</tr>
</tbody>
</table>
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| Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level) | JPN 4 | Japanese 4 | (5) |
| OR | SPA 4 | Spanish 4 | (5) |

| At least one course from each area for a total of four semester or six quarter courses: | At least one course from each area (Writing, Literature, History, and Philosophy) for a total of four semester courses: |
| LOWER-DIVISION WRITING | |
| ENG 1A | English Composition | (4) |
| OR | ENG 1AH | Honors English Composition | (4) |
| ENG 1B | Critical Thinking and Writing | (4) |
| OR | ENG 1BH | Honors Critical Thinking and Writing | (4) |

| ENGLISH LITERATURE | |
| ENG 6 | British Literature I: Anglo-Saxon through Eighteenth Century | (3) |
| ENG 7 | British Literature II: Romanticism through Postmodernism | (3) |
| ENG 14 | American Literature I: Pre-Contact through Civil War | (3) |
| ENG 15 | American Literature II: 1860 to the Present | (3) |
| ENG 40 | World Literature I: From Ancient Literatures to the Seventeenth Century | (3) |
| ENG 41 | World Literature II: Seventeenth Century Through the Present | (3) |

| HISTORY | |
| HIS 1 | History of World Civilizations I | (3) |
| HIS 2 | History of World Civilizations II | (3) |
| HIS 6 | Political and Social History of the United States | (3) |
| OR | HIS 6H | Honors Political and Social History of the United States | (3) |
Articulation Agreement by Major
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From: Norco College

| HIS 7  | Political and Social History of the United States |
| OR     |
| HIS 7H | Honors Political and Social History of the United States |

PHILOSOPHY

| PHI 10 | Introduction to Philosophy |
| OR     |
| PHI 10H| Honors Introduction to Philosophy |
| PHI 12 | Introduction to Ethics: Contemporary Moral Issues |
| PHI 35 | Philosophy of Religion |
| OR     |
| HUM 35 | Philosophy of Religion |

OR

HUMAN 1A & Humanities Core Lecture (4)
HUMAN 1B & Humanities Core Lecture (4)
HUMAN 1C & Humanities Core Lecture (4)
HUMAN 1AS & Humanities Core Writing (4)
HUMAN 1BS & Humanities Core Writing (4)
HUMAN 1CS & Humanities Core Writing (4)

OR

HUMAN 1AS & Humanities Core Writing (4)
HUMAN 1BS & Humanities Core Writing (4)
HUMAN 1CS & Humanities Core Writing (4)

OR

HUM 4 & Arts and Ideas: Ancient
HUM 4H & Honors Arts and Ideas: Ancient

OR

HUM 5 & Arts and Ideas: The Renaissance through the Modern Era
HUM 5H & Honors Arts and Ideas: The Renaissance through the Modern Era

AND

ENG 1A & English Composition
ENG 1AH & Honors English Composition
ENG 1B & Critical Thinking and Writing
ENG 1BH & Honors Critical Thinking and Writing

END OF GENDER AND SEXUALITY STUDIES
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Norco College

================================================================================
====Genetics, B.S.====

The major in Genetics is open only to upper-division Biological Sciences majors who meet specified course and grade requirements as listed at www.changeofmajor.uci.edu. The requirements can only be completed at UC Irvine after transfer.

Transfer students interested in this major should apply as Biological Sciences majors. To enter the Biological Sciences major, junior-level applicants with the highest grades overall who satisfactorily complete course prerequisites will be given preference for admission.

All applicants must complete the following with a grade of C or better in each required course:
- one year of biology courses equivalent to UCI's BIO SCI 93 & BIO SCI 94,
- one year of general chemistry with laboratory, and
- one year of organic chemistry with laboratory

All applicants must have a cumulative GPA of 3.0 or higher.

Transfer students are advised to complete as many articulated lower-division degree requirements as possible prior to transfer. For information, contact the School of Biological Sciences at (949) 824-5318 or go to http://www.bio.uci.edu/students/undergraduates/

NOTE: Once enrolled at UCI, School of Biological Sciences majors may only take UCI courses to satisfy major requirements.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospective students/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

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### MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

<table>
<thead>
<tr>
<th>BIO SCI 93 From DNA to Organisms (4)</th>
<th>BIO 60 Introduction to Molecular and Cellular Biology (5)</th>
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</thead>
<tbody>
<tr>
<td>BIO SCI 94 From Organisms to Ecosystems (4)</td>
<td>BIO 61 Introduction to Organismal and Population Biology (Majors) (5)</td>
</tr>
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</table>

Important: Articulation of general chemistry is based on the completion of the
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Effective during the 18-19 Academic Year
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To: UC Irvine
| From: Norco College

================================================================================
entire year. Students wishing information on course-to-course equivalencies (semester to quarter) should contact the Physical Sciences Student Affairs Office at: pssazot@uci.edu.

<table>
<thead>
<tr>
<th>Norco College Courses</th>
<th>UCI Equivalents</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1A &amp; General Chemistry (4)</td>
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<tr>
<td>CHEM 1B &amp; General Chemistry (4)</td>
<td>CHE 1B General Chemistry, II (5)</td>
</tr>
<tr>
<td>CHEM 1C &amp; General Chemistry (4)</td>
<td>CHEM 1C &amp; General Chemistry, III (5)</td>
</tr>
<tr>
<td>CHEM 1LD Laboratory (2)</td>
<td>CHEM 1LD Laboratory (2)</td>
</tr>
</tbody>
</table>

================================================================================
<table>
<thead>
<tr>
<th>Chemistry Courses</th>
<th>UCI Equivalents</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 51A &amp; Organic Chemistry (4)</td>
<td>CHE 12A Organic Chemistry, I (5)</td>
</tr>
<tr>
<td>CHEM 51LB Laboratory (2)</td>
<td>CHEM 12B Organic Chemistry, II (5)</td>
</tr>
<tr>
<td>CHEM 51B &amp; Organic Chemistry (4)</td>
<td>CHEM 12C Organic Chemistry, III (5)</td>
</tr>
<tr>
<td>CHEM 51C &amp; Organic Chemistry (4)</td>
<td>CHEM 12D Organic Chemistry, IV (5)</td>
</tr>
</tbody>
</table>

================================================================================
ADDITIONAL APPROVED COURSES FOR THE MAJOR

<table>
<thead>
<tr>
<th>Bio/Chem Courses</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 97 Genetics (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 98 Biochemistry (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 99 Molecular Biology (4)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

Students have two options for completing the Mathematics requirement before enrolling at UCI:
1. Two semesters of Calculus; or
2. One semester of Calculus and one semester of Statistics
Option 2 is recommended for students who would like to attend a health professional school.

<table>
<thead>
<tr>
<th>Mathematics Courses</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A &amp; Single-Variable Calculus (4)</td>
<td>MAT 1A Calculus I (4)</td>
</tr>
<tr>
<td>MATH 2B &amp; Single-Variable Calculus (4)</td>
<td>and one of the following:</td>
</tr>
<tr>
<td>STATS 7 Basic Statistics (4)</td>
<td>and one of the following:</td>
</tr>
<tr>
<td>STATS 8 Introduction to Biological Statistics (4)</td>
<td>MAT 1B Calculus II (4)</td>
</tr>
<tr>
<td>MATH 2D Multivariable Calculus (4)</td>
<td>MAT 1C Calculus III (4)</td>
</tr>
<tr>
<td>MATH 3A Introduction to Linear Algebra (4)</td>
<td>MAT 3 Linear Algebra (3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Physics Courses</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 3A &amp; Basic Physics (4)</td>
<td>PHYS 2A &amp; General Physics I (4)</td>
</tr>
<tr>
<td>PHYSICS 3B &amp; Basic Physics (4)</td>
<td>PHYS 2B General Physics II (4)</td>
</tr>
<tr>
<td>PHYSICS 3LB &amp; Basic Physics (1.5)</td>
<td>Laboratory</td>
</tr>
</tbody>
</table>
| PHYSICS 3C & Basic Physics (4) | }
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
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To: UC Irvine  |  From: Norco College

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 3LC</td>
<td>Basic Physics</td>
<td>1.5</td>
</tr>
<tr>
<td>OR</td>
<td>PHYSICS 7C</td>
<td>Classical Physics</td>
</tr>
<tr>
<td>OR</td>
<td>PHYSICS 7LC</td>
<td>Classical Physics</td>
</tr>
<tr>
<td>OR</td>
<td>PHYSICS 7D</td>
<td>Classical Physics</td>
</tr>
<tr>
<td>OR</td>
<td>PHYSICS 7LD</td>
<td>Classical Physics</td>
</tr>
<tr>
<td>OR</td>
<td>PHYSICS 7E</td>
<td>Classical Physics</td>
</tr>
</tbody>
</table>

END OF GENETICS
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Norco College

================================================================================
====German Studies, B.A.====

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly: www.humanities.uci.edu/undergrad/academics/lang.php

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>GERMAN 1A</td>
<td>Fundamentals of German</td>
<td>5</td>
<td>No course articulated</td>
</tr>
<tr>
<td>GERMAN 1B</td>
<td>Fundamentals of German</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>GERMAN 1C</td>
<td>Fundamentals of German</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>GERMAN 2A</td>
<td>Intermediate German</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>GERMAN 2B</td>
<td>Intermediate German</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>GERMAN 2C</td>
<td>Intermediate German</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>EURO ST 10</td>
<td>Historical Foundations</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EURO ST 11</td>
<td>Contemporary Issues and Institutions</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>LINGUIS 3</td>
<td>Introduction to Linguistics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>ENG 16</td>
<td>Introduction to Linguistics</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>
Articulation Agreement by Major
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================================================================================
At least one course from each area for a total of four semester or six quarter courses:

LOWER-DIVISION WRITING

WRITING

ENG 1A English Composition (4)
OR
ENG 1AH Honors English Composition (4)
ENG 1B Critical Thinking and Writing (4)
OR
ENG 1BH Honors Critical Thinking and Writing (4)

ENGLISH LITERATURE

LITERATURE

ENG 6 British Literature I: Anglo-Saxon through Eighteenth Century (3)
ENG 7 British Literature II: Romanticism through Postmodernism (3)
ENG 14 American Literature I: Pre-Contact through Civil War (3)
ENG 15 American Literature II: 1860 to the Present (3)
ENG 40 World Literature I: From Ancient Literatures to the Seventeenth Century (3)
ENG 41 World Literature II: Seventeenth Century Through the Present (3)

HISTORY

HISTORY

HIS 1 History of World Civilizations I (3)
HIS 2 History of World Civilizations II (3)
HIS 6 Political and Social History of the United States (3)
OR
HIS 6H Honors Political and Social History of the United States (3)
HIS 7 Political and Social History of the United States (3)
OR
HIS 7H Honors Political and Social History of the United States (3)
Articulation Agreement by Major
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To: UC Irvine | From: Norco College

================================================================================
|          Social History of the United States |
|          PHILOSOPHY                        |
| PHI 10  Introduction to Philosophy (3)    |
| OR     PHI 10H Honors Introduction to Philosophy (3) |
| PHI 12  Introduction to Ethics: Contemporary Moral Issues (3) |
| PHI 35  Philosophy of Religion (3) Same as: HUM 35 |
| OR     HUM 35 Philosophy of Religion (3) Same as: PHI 35 |

OR

HUMAN 1A & Humanities Core Lecture (4) | HUMAN 1B & Humanities Core Lecture (4) | HUMAN 1C & Humanities Core Lecture (4) | HUMAN 1AS & Humanities Core Writing (4) | OR
HUMAN 1BS & Humanities Core Writing (4) | HUMAN 1CS Humanities Core Writing (4) |

OR

HUMAN 1A & Humanities Core Lecture (4) | HUMAN 1B & Humanities Core Lecture (4) | HUMAN 1C & Humanities Core Lecture (4) | HUMAN 1AS & Humanities Core Writing (4) | OR
HUMAN 1BS & Humanities Core Writing (4) | HUMAN 1CS Humanities Core Writing (4) |

END OF GERMAN STUDIES

-----------------------------------------------------------------------------------

END OF GERMAN STUDIES
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Norco College

================================================================================

====Global Cultures, B.A.====

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly: www.humanities.uci.edu/undergrad/academics/lang.php

Global Cultures majors must choose an emphasis in one of the following:
- Atlantic Rim
- Hispanic, U.S. Latino/a, and Luso-Brazilian Cultures
- Africa (Nation, Culture) and its Diaspora
- Asia (Nation, Culture) and its Diaspora
- Europe and its Former Colonies
- Pacific Rim
- Inter-Area Studies

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergradueadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

| Course work equivalent to UCI's sixth quarter of study in a single language | JPN 4 Japanese 4 (5) |
Articulation Agreement by Major
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other than English (at the college level) | OR
| SPA 4 Spanish 4 (5)

At least one course from each area for a total of four semester or six quarter courses:

<table>
<thead>
<tr>
<th>LOWER-DIVISION WRITING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 1A English Composition (4)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>ENG 1AH Honors English Composition</td>
</tr>
<tr>
<td>ENG 1B Critical Thinking and Writing (4)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>ENG 1BH Honors Critical Thinking and Writing (4)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ENGLISH LITERATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 6 British Literature I: Anglo-Saxon through Eighteenth Century (3)</td>
</tr>
<tr>
<td>ENG 7 British Literature II: Romanticism through Postmodernism (3)</td>
</tr>
<tr>
<td>ENG 14 American Literature I: Pre-Contact through Civil War (3)</td>
</tr>
<tr>
<td>ENG 15 American Literature II: 1860 to the Present (3)</td>
</tr>
<tr>
<td>ENG 40 World Literature I: From Ancient Literatures to the Seventeenth Century (3)</td>
</tr>
<tr>
<td>ENG 41 World Literature II: Seventeenth Century Through the Present (3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HISTORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 1 History of World Civilizations I (3)</td>
</tr>
<tr>
<td>HIS 2 History of World Civilizations II (3)</td>
</tr>
<tr>
<td>HIS 6 Political and Social History of the United States (3)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>HIS 6H Honors Political and Social History of the United States (3)</td>
</tr>
<tr>
<td>HIS 7 Political and Social History of the United States (3)</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major
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| States |
| OR |
| HIS 7H | Honors Political and Social History of the United States |

| PHILOSOPHY |
| PHI 10 | Introduction to Philosophy (3) |
| OR |
| PHI 10H | Honors Introduction to Philosophy (3) |
| PHI 12 | Introduction to Ethics: Contemporary Moral Issues (3) |
| PHI 35 | Philosophy of Religion (3) |
| Same as: HUM 35 |
| OR |
| HUM 35 | Philosophy of Religion (3) |
| Same as: PHI 35 |

| OR |
| HUMAN 1A & Human Core Lecture (4) |
| HUMAN 1B & Human Core Lecture (4) |
| HUMAN 1C & Human Core Lecture (4) |
| HUMAN 1AS & Human Core Writing (4) |
| HUMAN 1BS & Human Core Writing (4) |
| HUMAN 1CS & Human Core Writing (4) |

| OR |
| HUM 4 | Arts and Ideas: Ancient World through the Late Medieval Period (3) |
| OR |
| HUM 5 | Arts and Ideas: The Renaissance through the Modern Era (3) |
| OR |
| HUM 5H | Honors Arts and Ideas: The Renaissance through the Modern Era (3) |
| AND |
| ENG 1A | English Composition (4) |
| OR |
| ENG 1AH & Honors English Composition (4) |
| ENG 1B | Critical Thinking and Writing (4) |
| OR |
| ENG 1BH | Honors Critical Thinking and Writing (4) |

END OF GLOBAL CULTURES
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Norco College
================================================================================

====Global Middle East Studies, B.A====

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly: www.humanities.uci.edu/undergrad/academics/lang.php

--------------------------------------------------------------------------------

NOTE: In fulfillment of the requirements below, a single course may be used only once.
--------------------------------------------------------------------------------

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

================================================================================

GLBL ME 60A    Humanities and Arts: (4)|No course articulated
                Problems and Methods  |
                for Global Middle East |
                Studies              |

GLBL ME 60B    Social Sciences: (4)|No course articulated
                Problems and Methods  |
                for Global Middle East |
                Studies              |

GLBL ME 60C    Social Ecology and Sciences: Problems and Methods for Global
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| To: UC Irvine | From: Norco College |

Middle East Studies |

Course work equivalent to UCI's sixth quarter of study in one of the following single languages: Arabic, Persian, or Hebrew. Students may also petition to complete the requirement in other languages. |

| No course articulated |

At the upper-division level, majors will focus on two of the following emphases:  
- Environment, Economies, and Conflicts  
- Histories, Cultures, and Identities  
- Geographies, Migrations, and Politics

At least one course from each area for a total of four semester or six quarter courses:

<table>
<thead>
<tr>
<th>Lower-Division Writing</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 1A     English Composition     (4)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>ENG 1AH    Honors English Composition     (4)</td>
</tr>
<tr>
<td>ENG 1B     Critical Thinking and Writing     (4)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>ENG 1BH    Honors Critical Thinking and Writing     (4)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>English Literature</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 6     British Literature I: Anglo-Saxon through Eighteenth Century     (3)</td>
</tr>
<tr>
<td>ENG 7     British Literature II: Romanticism through Postmodernism     (3)</td>
</tr>
<tr>
<td>ENG 14    American Literature I: Pre-Contact through Civil War     (3)</td>
</tr>
<tr>
<td>ENG 15    American Literature II: 1860 to the Present     (3)</td>
</tr>
<tr>
<td>ENG 40    World Literature I: From Ancient Literatures to the Seventeenth Century     (3)</td>
</tr>
<tr>
<td>ENG 41    World Literature II: Seventeenth Century Through the Present     (3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 1    History of World Civilizations I     (3)</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major  
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| HIS 2 | History of World Civilizations II (3) |
| HIS 6 | Political and Social History of the United States (3) |
| OR |
| HIS 6H | Honors Political and Social History of the United States (3) |
| HIS 7 | Political and Social History of the United States (3) |
| OR |
| HIS 7H | Honors Political and Social History of the United States (3) |

**PHILOSOPHY**

| PHI 10 | Introduction to Philosophy (3) |
| OR |
| PHI 10H | Honors Introduction to Philosophy (3) |
| PHI 12 | Introduction to Ethics: Contemporary Moral Issues (3) |
| PHI 35 | Philosophy of Religion (3)  
Same as: HUM 35 |
| OR |
| HUM 35 | Philosophy of Religion (3)  
Same as: PHI 35 |

**OR**

| HUMAN 1A & HUMAN 1B & HUMAN 1C & HUMAN 1AS & HUMAN 1BS & HUMAN 1CS | Humanities Core Lecture (4) |
| HUM 4 | Arts and Ideas: Ancient World through the Late Medieval Period (3) |
| OR |
| HUM 4H & HUM 5 | Honors Arts and Ideas: Ancient World through the Late Medieval Period (3) |
| HUM 5 | Arts and Ideas: The Renaissance through the Modern Era (3) |
| OR |
| HUM 5H | Honors Arts and Ideas: The Renaissance through the Modern Era (3) |
| AND |
| ENG 1A | English Composition (4) |
| OR |
| ENG 1AH | Honors English Composition (4) |
Articulation Agreement by Major
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===================================================================================================
|ENG 1B   | Critical Thinking and Writing         (4) |
|        | OR                                      |
|ENG 1BH  | Honors Critical Thinking and Writing   (4) |

===================================================================================================

END OF GLOBAL MIDDLE EAST STUDIES
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  
To: UC Irvine                 | From: Norco College  
================================================================================  
====History, B.A.====  

Students interested in this major must meet the following requirements:  

- Meet all basic UC admission requirements with a minimum grade of C or better  
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)  
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment  
- Complete the UCI Lower Division Writing Requirement  

Recommended:  

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR  
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts  
- Review the two year Language other than English school requirement, and prepare accordingly: [www.humanities.uci.edu/undergrad/academics/lang.php](http://www.humanities.uci.edu/undergrad/academics/lang.php)  

--------------------------------------------------------------------------------  
NOTE: In fulfillment of the requirements below, a single course may be used only once.  
--------------------------------------------------------------------------------  
NOTE: UC credit limitations may apply to courses with duplicative content. Please refer to the list of the college's UC transferable courses for details about credit limitations.  
--------------------------------------------------------------------------------  
For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).  

--------------------------------------------------------------------------------  
Two courses from: |One course from the list below: (NOTE:  
|A second course in another region MUST be completed at UCI.)  
|  
HISTORY 70A Problems in History: (4) | No course articulated  
| Asia  
HISTORY 70B Problems in History: (4) | No course articulated  
| Europe  
HISTORY 70C Problems in History: (4) | HIS 6 Political and Social (3)
Articulation Agreement by Major
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| United States | History of the United States |
| United States | OR |
| HIS 6H Honors Political and Social History of the United States (3) |
| HIS 7 Political and Social History of the United States (3) |
| United States | OR |
| HIS 7H Honors Political and Social History of the United States (3) |

HISTORY 70D Problems in History: (4) No course articulated
Latin America

HISTORY 70E Problems in History: (4) No course articulated
Middle East and Africa

HISTORY 70F Problems in History: (4) Up to four additional transferable History courses:
Transregional History

| Up to four additional History courses: |
| Up to four additional transferable History courses: |
| HIS 1 History of World Civilizations I (3) |
| HIS 2 History of World Civilizations II (3) |
| HIS 6 Political and Social History of the United States (3) |
| HIS 6H Honors Political and Social History of the United States (3) |
| HIS 7 Political and Social History of the United States (3) |
| HIS 7H Honors Political and Social History of the United States (3) |
| HIS 14 African American History I (3) |
| HIS 25 History of Mexico (3) |
| HIS 26 History of California (3) |
| HIS 31 Introduction to Chicano Studies (3) |
| HIS 34 History of Women in America (3) |

Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level)

| JPN 4 Japanese 4 (5) | OR |
Articulation Agreement by Major
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| SPA 4  | Spanish 4 (5) |

At least one course from each area for a total of four semester or six quarter courses:

**LOWER-DIVISION WRITING**

<table>
<thead>
<tr>
<th>English Composition (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OR</td>
</tr>
<tr>
<td>Honors English Composition (4)</td>
</tr>
<tr>
<td>Critical Thinking and Writing (4)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>Honors Critical Thinking and Writing (4)</td>
</tr>
</tbody>
</table>

**ENGLISH LITERATURE**

| British Literature I: Anglo-Saxon through Eighteenth Century (3) |
| British Literature II: Romanticism through Postmodernism (3) |
| American Literature I: Pre-Contact through Civil War (3) |
| American Literature II: 1860 to the Present (3) |
| World Literature I: From Ancient Literatures to the Seventeenth Century (3) |
| World Literature II: Seventeenth Century Through the Present (3) |

**HISTORY**

| History of World Civilizations I (3) |
| History of World Civilizations II (3) |
| Political and Social History of the United States (3) |
| Honors Political and Social History of the United States (3) |
| Political and Social History of the United States (3) |
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine  | From: Norco College

---

**PHILOSOPHY**

| PHIL 10 | Introduction to Philosophy (3) |
| PHIL 10H | Honors Introduction to Philosophy (3) |
| PHIL 12 | Introduction to Ethics: Contemporary Moral Issues (3) |
| PHIL 35 | Philosophy of Religion (3) Same as: HUM 35 |

**OR**

| HUM 35 | Philosophy of Religion (3) Same as: PHI 35 |

---

**OR**

| HIS 7H | Honors Political and Social History of the United States (3) |

---

**PHILOSOPHY**

| PHI 10 | Introduction to Philosophy (3) |
| PHI 10H | Honors Introduction to Philosophy (3) |
| PHI 12 | Introduction to Ethics: Contemporary Moral Issues (3) |
| PHI 35 | Philosophy of Religion (3) Same as: HUM 35 |

**OR**

| HUM 35 | Philosophy of Religion (3) Same as: PHI 35 |

---

**HUMAN 1A** & Humanities Core Lecture (4) | HUM 4 | Arts and Ideas: Ancient World through the Late Medieval Period (3) |
**HUMAN 1B** & Humanities Core Lecture (4) | HUM 4H | Honors Arts and Ideas: Ancient World through the Late Medieval Period (3) |
**HUMAN 1C** & Humanities Core Lecture (4) | HUM 5 | Arts and Ideas: The Renaissance through the Modern Era (3) |
**HUMAN 1AS** & Humanities Core Writing (4) | HUM 5H | Honors Arts and Ideas: The Renaissance through the Modern Era (3) |
**HUMAN 1BS** & Humanities Core Writing (4) | HUM 4 | Arts and Ideas: Ancient World through the Late Medieval Period (3) |
**HUMAN 1CS** | Humanities Core Writing (4) | HUM 5 | Arts and Ideas: The Renaissance through the Modern Era (3) |

**OR**

| ENG 1A | English Composition (4) |
| ENG 1AH & | Honors English Composition (4) |
| ENG 1B | Critical Thinking and Writing (4) |
| ENG 1BH | Honors Critical Thinking and Writing (4) |

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END OF HISTORY
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Norco College
================================================================================
==History, with a specialization in History for Future Teachers, B.A.==

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly:  www.humanities.uci.edu/undergrad/academics/lang.php

================================================================================
NOTE: In fulfillment of the requirements below, a single course may be used only once.
================================================================================
NOTE: UC credit limitations may apply to courses with duplicative content. Please refer to the list of the college's UC transferable courses for details about credit limitations.
================================================================================
For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to  http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to  http://www.admissions.uci.edu/apply/transfer/guarantee.php.

<table>
<thead>
<tr>
<th>HISTORY 21A &amp;</th>
<th>World: Innovations (4)</th>
<th>HIS 1 &amp;</th>
<th>History of World (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HISTORY 21B &amp;</td>
<td>World: Empires and Revolutions (4)</td>
<td>HIS 2</td>
<td>History of World Civilizations I (3)</td>
</tr>
<tr>
<td>HISTORY 21C</td>
<td>World: Wars and Rights (4)</td>
<td>OR</td>
<td>History of World Civilizations II (3)</td>
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<td></td>
<td>OR</td>
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<td>OR</td>
</tr>
<tr>
<td>HISTORY 40A &amp;</td>
<td>Colonial America: New Worlds (4)</td>
<td>HIS 6</td>
<td>Political and Social History of the United States (3)</td>
</tr>
<tr>
<td>HISTORY 40B &amp;</td>
<td>Nineteenth-Century U.S.: Crisis and (4)</td>
<td>OR</td>
<td></td>
</tr>
</tbody>
</table>
Articulation Agreement by Major
Effective during the 18-19 Academic Year
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<table>
<thead>
<tr>
<th>Expansion</th>
<th>HIS 6H &amp; Honors Political and Social History of the United States (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HISTORY 40C Modern America: (4)</td>
<td></td>
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<tr>
<td>Culture and Power</td>
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<tr>
<td>HIS 7</td>
<td>Honors Political and Social History of the United States (3)</td>
</tr>
</tbody>
</table>

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HISTORY 70C Problems in History: (4) For this specialization, course to be completed at UCI

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Two additional courses from:

<table>
<thead>
<tr>
<th>HISTORY 70A Problems in History: (4)</th>
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<tbody>
<tr>
<td>Asia</td>
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<tr>
<td>HISTORY 70B Problems in History: (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>Europe</td>
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<tr>
<td>HISTORY 70D Problems in History: (4)</td>
<td>No course articulated</td>
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<tr>
<td>Latin America</td>
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<tr>
<td>HISTORY 70E Problems in History: (4)</td>
<td>No course articulated</td>
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<tr>
<td>Middle East and Africa</td>
<td></td>
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<tr>
<td>HISTORY 70F Problems in History: (4)</td>
<td>HIS 1 History of World Civilizations I (3)</td>
</tr>
<tr>
<td>Transregional History</td>
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</tbody>
</table>

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Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level) OR

<table>
<thead>
<tr>
<th>JPN 4 Japanese 4 (5)</th>
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<tbody>
<tr>
<td>OR</td>
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<tr>
<td>SPA 4 Spanish 4 (5)</td>
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</tbody>
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At least one course from each area for a total of four semester or six quarter courses:

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<thead>
<tr>
<th>LOWER-DIVISION WRITING</th>
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<tr>
<td>ENG 1A English Composition (4)</td>
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<tr>
<td>ENG 1AH Honors English Composition (4)</td>
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<td>OR</td>
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<tr>
<td>ENG 1B Critical Thinking and Writing (4)</td>
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<td>OR</td>
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<tr>
<td>ENG 1BH Honors Critical Thinking and Writing</td>
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</tbody>
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<table>
<thead>
<tr>
<th>ENGLISH LITERATURE</th>
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</thead>
<tbody>
<tr>
<td>ENG 6 British Literature I: Anglo-Saxon through (3)</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major
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|                                | Eighteenth Century |
| ENG 7   British Literature II: | (3) Romanticism through |
|        | Postmodernism         |
| ENG 14  American Literature I: | (3) Pre-Contact through |
|        | Civil War             |
| ENG 15  American Literature II:| (3) 1860 to the Present |
| ENG 40  World Literature I: From| (3) Ancient Literatures to |
|        | the Seventeenth Century|
| ENG 41  World Literature II:  | (3) Seventeenth Century |
|        | Through the Present   |

|                                | History of World |
| HIS 1   History of World Civilizations I | (3) |
| HIS 2   History of World Civilizations II | (3) |
| HIS 6   Political and Social History of the United States | (3) |
| OR | Honors Political and Social History of the United States | (3) |
| HIS 6H  Honors Political and Social History of the United States | (3) |
| HIS 7   Political and Social History of the United States | (3) |
| OR | Honors Political and Social History of the United States | (3) |

|                                | Introduction to Philosophy |
| PHI 10  Introduction to Philosophy | (3) |
| OR | Honors Introduction to Philosophy | (3) |
| PHI 10H Honors Introduction to Philosophy | (3) |
| PHI 12  Introduction to Ethics: Contemporary Moral Issues | (3) |
| PHI 35  Philosophy of Religion | (3) Same as: HUM 35 |
| OR | Philosophy of Religion | (3) Same as: PHI 35 |
| HUM 35  Philosophy of Religion | (3) |
| OR | Arts and Ideas: Ancient | (3) |
| HUMAN 1A  Humanities Core Lecture | (4) |
Articulation Agreement by Major  
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|  HUMAN 1B  |  Humanities Core Lecture  (4) |  World through the Late  |
|  HUMAN 1C  |  Humanities Core Lecture  (4) |  Medieval Period  |
|  HUMAN 1AS  |  Humanities Core Writing  (4) |  OR  |
|  HUMAN 1BS  |  Humanities Core Writing  (4) |  HUM 4H  |  Honors Arts and Ideas:  (3) |
|  HUMAN 1CS  |  Humanities Core Writing  (4) |  OR  |
|  HUM 5  |  Arts and Ideas: The  (3) |
|  OR  |
|  HUM 5H  |  The Renaissance through  the Modern Era  |
|  AND  |
|  ENG 1A  |  English Composition  (4) |  OR  |
|  ENG 1AH  |  Honors English Composition  (4) |
|  OR  |
|  ENG 1B  |  Critical Thinking and Writing  (4) |
|  OR  |
|  ENG 1BH  |  Honors Critical Thinking and Writing  (4) |

END OF HISTORY, WITH A SPECIALIZATION IN HISTORY FOR FUTURE TEACHERS
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Norco College
=================================================================================================

====Informatics, B.S.====

PLEASE NOTE: For Fall 2019 applicants, a minimum grade of B will be required in all major prerequisite courses.

PLEASE NOTE: This major will not participate in TAG starting with Fall 2020 admission.

1. Completion of one college-level mathematics course at a level higher than pre-calculus; courses equivalent to I&C SCI 6B (Boolean Algebra and Logic), Statistics 7 (Basic Statistics) or Statistics 67 (Introduction to Probability and Statistics for Computer Science) are preferred as these courses facilitate scheduling after transfer to UCI.

2. Completion of one year of computer programming courses in an object-oriented or higher-level programming language. For example Python, Java, C++, data structures, assembly language and machine organization. Object-oriented or higher-level programming language courses that do not directly articulate to I&C SCI 31-33 can be used to satisfy the admissions requirements. Introduction to computer science courses do not meet this requirement.

Note: Additional computer science courses beyond the requirement for transfer eligibility are strongly recommended, particularly those that align with the major(s) of interest. Java, Python, and C++ are used in the curriculum; therefore, transfer students should plan to learn these languages by studying on their own or by completing related programming courses prior to their first quarter at UCI.

Additional courses beyond those required for admission must be taken to fulfill the lower-division degree requirements, as many are prerequisites for upper-division courses. For some transfer students, this may mean that it will take longer than two years to complete their degree.

More information is available at http://www.ics.uci.edu/informatics/ugrad or at the ICS Student Affairs Office; telephone (949) 824-5156; e-mail: ucounsel@uci.edu.

-----------------------------------------
NOTE: Students should have I&C SCI 31-33 credit first in order to move further into the program here at UCI.
-----------------------------------------
NOTE: In fulfillment of the requirements below, a single course may be used only once.
-----------------------------------------

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.
Articulation Agreement by Major
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To: UC Irvine | From: Norco College
==================================================================================================================
MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER
==================================================================================================================
ONE COLLEGE-LEVEL MATHEMATICS COURSE:
I&C SCI 6B Boolean Algebra and Logic (4) | No course articulated
OR
STATS 7 Basic Statistics (4) | MAT 12 Statistics (4)
OR
STATS 67 Introduction to Probability and Statistics for Computer Science (4) | No course articulated
------------------------------------------------------------------------------------------------------------------
I&C SCI 31 & Introduction to Programming (4) | No course articulated
Same as: CSE 41
I&C SCI 32 & Programming with Software Libraries (4)
Same as: CSE 42
I&C SCI 33 Intermediate Programming (4)
Same as: CSE 43
------------------------------------------------------------------------------------------------------------------
ADDITIONAL APPROVED COURSES FOR THE MAJOR
------------------------------------------------------------------------------------------------------------------
IN4MATX 43 Introduction to Software Engineering (4) | No course articulated
------------------------------------------------------------------------------------------------------------------
I&C SCI 90 New Students Seminar (1) | No course articulated
------------------------------------------------------------------------------------------------------------------
I&C SCI 45J Programming in Java as a Second Language (4) | No course articulated
------------------------------------------------------------------------------------------------------------------
END OF INFORMATICS
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Norco College
================================================================================
==Innovation and Entrepreneurship (Minor in)==

The Minor in Innovation and Entrepreneurship provides extensive academic and practical training for students to embark on careers as entrepreneurs (innovating to form new companies) and intrapreneurs (innovating within existing companies).

The program provides students with knowledge and practical experience on certain core topics on the process of innovation and entrepreneurship, i.e., planning a new venture, lean startup methodology, venture capital, private equity, etc. Students are strongly encouraged to apply the associated business skills in the Business Plan Competition and in internships.

Note: Students may not receive both the minor in Management and the minor in Innovation and Entrepreneurship. Open to non-Merage School majors only.

Preparation for Transfer at the Junior Level

Students will be eligible to apply for the minor in Innovation and Entrepreneurship if they have completed MGMT 1 with a grade no lower than "C" (2.0) and will have junior status upon entry. Elective offerings in the minor may have additional prerequisites. Completion of the prerequisite course does not guarantee admission into the minor; space is very limited. Admission is on a competitive basis and students must submit an application, transcripts, and a statement of purpose. Applications are accepted on a quarterly basis. Interested students are encouraged to obtain further information from the Undergraduate Programs Office, SB2 Suite 202 or at - http://www.merage.uci.edu/.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

================================================================================

MGMT 1 Introduction to Business (4) | BUS 10 Introduction to Business (3) and Management

================================================================================

END OF INNOVATION AND ENTREPRENEURSHIP (Minor in)
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Norco College
================================================================================================

====International Studies, B.A====

This major does not require completion of prerequisites for admission as a transfer student.
================================================================================================

International Studies majors are also required to complete some form of international study experience, either abroad or through a domestic internship, for a minimum of one quarter. An honors program in International Studies is available. For information contact the School of Social Sciences at (949) 824-6803.

NOTE: In fulfillment of the requirements below, a single course may be used only once.
================================================================================================

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

================================================================================================

Four courses from: | Four courses from:
INTL ST 11 Global Cultures and Society (4) |
| Same as: ANTHRO 41A |
INTL ST 13 Global Economy (4) |
| Same as: ECON 13 |
INTL ST 14 Introduction to International Relations (4) | POL 4 Introduction to World Politics (3)
| Same as: POL SCI 41A |
| OR |
| POL 4H Honors Introduction to World Politics (3) |
| (= 14 ONLY) |
HISTORY 21A World: Innovations (4) | HIS 1 History of World Civilizations I (3)
| OR |
HISTORY 21B World: Empires and Revolutions (4) | OR |
| HIS 2 History of World Civilizations II (3) |
| OR |
HISTORY 21C World: Wars and Rights (4) |

================================================================================================

ECON 20B Basic Economics II (4) | ECO 7 Principles of Macroeconomics (3)
| OR |
| ECO 7H Honors Principles of Macroeconomics (3) |

================================================================================================

One course from: | One course from:
ANTHRO 2A Introduction to Sociocultural Anthropology (4) | ANT 2 Cultural Anthropology (3)
| POL SCI 51A Introduction to Comparative Politics (3) |
Articulation Agreement by Major  
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From: Norco College  

================================================================================  
Politics Around the World  
| POL 2H | Honors Comparative Politics (3)  
| OR |  
REL STD 5A World Religions I (4) | HUM 10 World Religions (3)  
Same as: HISTORY 16A  
| OR |  
REL STD 5B World Religions II (4) | HUM 10 World Religions (3)  
Same as: HISTORY 16B  
| OR |  
SOC SCI 5D U.S. and World Geography (4) | No course articulated  
SOCIOLOG 2 Global and International Sociology (4) | No course articulated  

-----------------------------------------------------------------------------  
Competency in a language other than English. Competency is established by college-level course work equivalent to UCI’s fifth quarter of study (usually 2B).  

-----------------------------------------------------------------------------  
SCHOOL OF SOCIAL SCIENCES MATH REQUIREMENT: All students are required to take either: 1) One semester of calculus and one semester of statistics, or 2) Two quarters of calculus and one of statistics, or 3) One year of statistics.  

-----------------------------------------------------------------------------  
MATH 2A & Single-Variable Calculus (4) | MAT 1A & Calculus I (4)  
MATH 2B & Single-Variable Calculus (4) | MAT 12 Statistics (4)  
STATS 7 Basic Statistics (4) | OR  
| OR |  
MGMT 7 Statistics for Business (4) | OR  
Or |  
SOC SCI 10A & Probability and Statistics in the Social Sciences I (4) | No course articulated  
SOC SCI 10B & Probability and Statistics in the Social Sciences II (4) |  
SOC SCI 10C Probability and Statistics in the Social Sciences III (4) |  

-----------------------------------------------------------------------------  
In addition to the School of Social Sciences Math Requirement, all students are required to take coursework equivalent to I&C SCI 31 or SOC SCI 3A.  

-----------------------------------------------------------------------------  
I&C SCI 31 Introduction to Programming (4) | No course articulated  
Same as: CSE 41  
| OR |  
SOC SCI 3A Computer-Based Research (4) | No course articulated-Course must be completed at UCI  

-----------------------------------------------------------------------------  
END OF INTERNATIONAL STUDIES
Articulation Agreement by Major
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To: UC Irvine | From: Norco College

================================================================================
====Japanese Language and Literature, B.A====

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly: www.humanities.uci.edu/undergrad/academics/lang.php

--------------------------------------------------------------------------------

NOTE: A UCI placement test is required prior to enrolling in UCI language courses.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

--------------------------------------------------------------------------------

| JAPANSE 1A | Fundamental Japanese | (5) | JPN 1 | Japanese 1 | (5) |
| JAPANSE 1B | Fundamental Japanese | (5) | JPN 2 | Japanese 2 | (5) |
| JAPANSE 1C | Fundamental Japanese | (5) |

| JAPANSE 2A | Intermediate Japanese | (5) | JPN 3 | Japanese 3 | (5) |
| JAPANSE 2C | Intermediate Japanese | (5) |

| JAPANSE 3A | Advanced Japanese | (4) | No course articulated |
| JAPANSE 3B | Advanced Japanese | (4) |
| JAPANSE 3C | Advanced Japanese | (4) |

One additional course in Japanese | One course from:
Articulation Agreement by Major  
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From: Norco College

| literature, culture, history, art  |  history, linguistics, film & media,  |
| religion, philosophy, gender studies, or  | comparative literature |

At least one course from each area for a total of four semester or six quarter courses:

<table>
<thead>
<tr>
<th>LOWER-DIVISION WRITING</th>
<th>LITERATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WRITING</td>
<td></td>
</tr>
<tr>
<td>ENG 1A English Composition (4)</td>
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<td>OR</td>
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<td>OR</td>
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<tr>
<th>HISTORY</th>
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<tbody>
<tr>
<td>HIS 1 History of World Civilizations I (3)</td>
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<th>LITERATURE</th>
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<tbody>
<tr>
<td>ENG 6 British Literature I: Anglo-Saxon through Eighteenth Century (3)</td>
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<tbody>
<tr>
<td>HIS 2 History of World Civilizations II (3)</td>
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<td>OR</td>
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<td>HIS 6 Political and Social History of the United States (3)</td>
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<tbody>
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<table>
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<tr>
<th>HISTORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 2 History of World Civilizations II (3)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>HIS 6 Political and Social History of the United States (3)</td>
</tr>
</tbody>
</table>
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| HIS 7 | Political and Social History of the United States (3) |
| OR | HIS 7H | Honors Political and Social History of the United States (3) |

**PHILOSOPHY**

| PHI 10 | Introduction to Philosophy (3) |
| OR | PHI 10H | Honors Introduction to Philosophy (3) |
| PHI 12 | Introduction to Ethics: Contemporary Moral Issues (3) |
| PHI 35 | Philosophy of Religion (3) | Same as: HUM 35 |
| OR | HUM 35 | Philosophy of Religion (3) | Same as: PHI 35 |

**HUMANITIES**

| HUMAN 1A & Humanities Core Lecture (4) | HUMAN 1B & Humanities Core Lecture (4) |
| OR | HUMAN 1C & Humanities Core Lecture (4) | HUMAN 1AS & Humanities Core Writing (4) |
| OR | HUMAN 1BS & Humanities Core Writing (4) | HUMAN 1CS & Humanities Core Writing (4) |

| OR | HUM 4 | Arts and Ideas: Ancient (3) |
| HUM 4H & Honors Arts and Ideas: Ancient Through the Late Medieval Period (3) |
| HUM 5 | Arts and Ideas: The Renaissance through the Modern Era (3) |
| OR | HUM 5H | Honors Arts and Ideas: The Renaissance through the Modern Era (3) |

**ENG**

| ENG 1A | English Composition (4) |
| OR | ENG 1AH & Honors English Composition (4) |
| ENG 1B | Critical Thinking and Writing (4) |
| OR | ENG 1BH | Honors Critical Thinking and Writing (4) |

END OF JAPANESE LANGUAGE AND LITERATURE
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=================================================================================================

====Korean Literature and Culture, B.A====

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly: www.humanities.uci.edu/undergrad/academics/lang.php

=================================================================================================

NOTE: A UCI placement test is required prior to enrolling in UCI language courses.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

=================================================================================================

KOREAN 1A  Fundamentals of Korean  (5)|No course articulated
KOREAN 1B  Fundamentals of Korean  (5)|
KOREAN 1C  Fundamentals of Korean  (5)|

KOREAN 2A  Intermediate Korean  (5)|No course articulated
KOREAN 2B  Intermediate Korean  (5)|
KOREAN 2C  Intermediate Korean  (5)|

KOREAN 3A  Advanced Korean  (4)|No course articulated
KOREAN 3B  Advanced Korean  (4)|
KOREAN 3C  Advanced Korean  (4)|

One additional course in Korean |One course from:
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================================================================================
literature, culture, history, art
history, linguistics, film & media,
religion, philosophy, gender studies, or
comparative literature
================================================================================

At least one course from each area for a total of four semester or six quarter courses:

| (Writing, Literature, History, and Philosophy) for a total of four semester courses:

LOWER-DIVISION WRITING

| WRITING
| ENG 1A English Composition (4)
| OR
| ENG 1AH Honors English Composition (4)
| ENG 1B Critical Thinking and Writing (4)
| OR
| ENG 1BH Honors Critical Thinking and Writing (4)

ENGLISH LITERATURE

| LITERATURE
| ENG 6 British Literature I: Anglo-Saxon through Eighteenth Century (3)
| ENG 7 British Literature II: Romanticism through Postmodernism (3)
| ENG 14 American Literature I: Pre-Contact through Civil War (3)
| ENG 15 American Literature II: 1860 to the Present (3)
| ENG 40 World Literature I: From Ancient Literatures to the Seventeenth Century (3)
| ENG 41 World Literature II: Seventeenth Century Through the Present (3)

HISTORY

| HISTORY
| HIS 1 History of World Civilizations I (3)
| HIS 2 History of World Civilizations II (3)
| HIS 6 Political and Social History of the United States (3)
| OR
| HIS 6H Honors Political and Social History of the United States (3)
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| HIS 7     | Political and Social History of the United States (3) |
| OR        | HIS 7H    | Honors Political and Social History of the United States (3) |

**PHILOSOPHY**

| PHI 10    | Introduction to Philosophy (3) |
| OR        | PHI 10H   | Honors Introduction to Philosophy (3) |
| PHI 12    | Introduction to Ethics: Contemporary Moral Issues (3) |
| PHI 35    | Philosophy of Religion (3) |
| OR        | HUM 35    | Philosophy of Religion (3) |

| HUMAN 1A   | Humanities Core Lecture (4) |
| HUMAN 1B   | Humanities Core Lecture (4) |
| HUMAN 1C   | Humanities Core Lecture (4) |
| HUMAN 1AS  | Humanities Core Writing (4) |
| HUMAN 1BS  | Humanities Core Writing (4) |
| HUMAN 1CS  | Humanities Core Writing (4) |
| OR        | HUM 4      | Arts and Ideas: Ancient World through the Late Medieval Period (3) |
| OR        | HUM 4H     | Honors Arts and Ideas: Ancient World through the Late Medieval Period (3) |
| OR        | HUM 5      | Arts and Ideas: The Renaissance through the Modern Era (3) |
| OR        | HUM 5H     | Honors Arts and Ideas: The Renaissance through the Modern Era (3) |
| AND       | ENG 1A     | English Composition (4) |
| OR        | ENG 1AH    | Honors English Composition (4) |
| OR        | ENG 1B     | Critical Thinking and Writing (4) |
| OR        | ENG 1BH    | Honors Critical Thinking and Writing (4) |

END OF KOREAN LITERATURE AND CULTURE
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================================================================================

====Language Science, B.A.====

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 3.0 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment

Change of major requirements: To change to the Language Science major, a student must meet the requirements below:

- Minimum cumulative UCI GPA of 2.00
- Minimum UCI GPA for the quarter prior to changing major of 2.00
- Complete two language science courses with a grade of B- or better. One of the courses must be in the lower division core courses (LINGUIS 3, LINGUIS 10, LINGUIS 20, LINGUIS 43, LINGUIS 51)

--------------------------------------------------------------------------------------------------------------------

NOTE: A minimum of two years of any non-English language or any advanced level non-English course is highly encouraged. (Advanced non-English courses are those requiring the highest level course in the relevant 2x sequence as a prerequisite.)
--------------------------------------------------------------------------------------------------------------------

NOTE: While not a requirement for admission purposes, all School of Social Sciences majors must satisfy a mathematics requirement and a computer education course.
--------------------------------------------------------------------------------------------------------------------

NOTE: In fulfillment of the requirements below, a single course may be used only once.
--------------------------------------------------------------------------------------------------------------------

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

--------------------------------------------------------------------------------------------------------------------

PREPARATION FOR THE MAJOR

<table>
<thead>
<tr>
<th>LINGUIS 3</th>
<th>Introduction to Linguistics</th>
<th>(4)</th>
<th>ENG 16</th>
<th>Introduction to Linguistics</th>
<th>(3)</th>
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<tbody>
<tr>
<td>LINGUIS 10</td>
<td>Introduction to Phonology</td>
<td>(4)</td>
<td>No course articulated</td>
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<tr>
<td>LINGUIS 20</td>
<td>Introduction to Syntax</td>
<td>(4)</td>
<td>No course articulated</td>
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<tr>
<td>LINGUIS 43</td>
<td>Introduction to</td>
<td>(4)</td>
<td>No course articulated</td>
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</tbody>
</table>
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<table>
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<tr>
<th>Symbolic Logic</th>
<th>Same as: PHILOS 30, LPS 30</th>
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<tbody>
<tr>
<td>LINGUIS 51</td>
<td>Acquisition of Language (4)</td>
</tr>
<tr>
<td>LINGUIS 1</td>
<td>Languages of the World (4)</td>
</tr>
<tr>
<td>LINGUIS 2</td>
<td>Discovering Language (4)</td>
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<tr>
<td>LINGUIS 68</td>
<td>Introduction to Language (4)</td>
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<td></td>
<td>and Culture</td>
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END OF LANGUAGE SCIENCE
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====Literary Journalism, B.A.====

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly: www.humanities.uci.edu/undergrad/academics/lang.php

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

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LIT JRN 20 Introduction to Literary Journalism (4)|No course articulated-Course to be completed at UCI
--------------------------------------------------------------------------------

LIT JRN 21 Reporting for Literary Journalism (4)|No course articulated-Course to be completed at UCI

One course from: |One course required, two recommended:
ENGLISH 28A The Poetic Imagination (4)|ENG 6 British Literature I: Anglo-Saxon through
OR English 28D The Craft of Poetry (4)|ENG 7 Eighteenth Century
OR ENGLISH 28B Comic and Tragic Vision (4)|British Literature II: Romanticism through
Modernism/Post-Modernism
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| OR | ENG 14 American Literature I: (3) |
| ENGLISH 28C | Realism and Romance (4) |
| OR | Pre-Contact through |
| ENGLISH 28E | The Craft of Fiction (4) |
| ENG 15 American Literature II: (3) |
| ENG 40 World Literature I: From (3) |
| ENG 41 World Literature II: (3) |

--------------------------------------------------------------------------------

Course work equivalent to UCI's sixth |
quarter of study in a single language |
or other than English (at the college level) |

| OR | JPN 4 Japanese 4 (5) |
| SPA 4 Spanish 4 (5) |

--------------------------------------------------------------------------------

At least one course from each area for a |
total of four semester or six quarter |
courses: |

| WRITING |
| ENG 1A English Composition (4) |
| OR |
| ENG 1AH Honors English Composition (4) |
| ENG 1B Critical Thinking and Writing (4) |
| OR |
| ENG 1BH Honors Critical Thinking and Writing (4) |

| LITERATURE |
| ENG 6 British Literature I: (3) |
| Anglo-Saxon through |
| Eighteenth Century |
| ENG 7 British Literature II: (3) |
| Romanticism through |
| Postmodernism |
| ENG 14 American Literature I: (3) |
| Pre-Contact through |
| Civil War |
| ENG 15 American Literature II: (3) |
| 1860 to the Present |
| ENG 40 World Literature I: From (3) |
| Ancient Literatures to |
| the Seventeenth Century |
| ENG 41 World Literature II: (3) |
| Seventeenth Century |
| Through the Present |
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<thead>
<tr>
<th>HISTORY</th>
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<tbody>
<tr>
<td>HIS 1</td>
<td>History of World (3)</td>
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<td>Civilizations I</td>
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<tr>
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<td>Civilizations II</td>
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<td>HIS 6</td>
<td>Political and Social (3)</td>
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<td>OR</td>
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<tr>
<td>HIS 6H</td>
<td>Honors Political and Social History of the United States (3)</td>
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<tr>
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<td>Political and Social (3)</td>
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<td>History of the United States</td>
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<tr>
<td>HIS 7H</td>
<td>Honors Political and Social History of the United States (3)</td>
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<td>Introduction to Ethics: Contemporary Moral Issues (3)</td>
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<tr>
<td>PHI 35</td>
<td>Philosophy of Religion (3)</td>
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<td>OR</td>
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<tr>
<td>PHI 35</td>
<td>Philosophy of Religion (3)</td>
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<tr>
<td></td>
<td>Same as: PHI 35</td>
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</thead>
<tbody>
<tr>
<td>HUMAN 1A &amp; Humanities Core Lecture (4)</td>
<td>HUMAN 4 &amp; Arts and Ideas: Ancient (3)</td>
</tr>
<tr>
<td>HUMAN 1B &amp; Humanities Core Lecture (4)</td>
<td>World through the Late Medieval Period</td>
</tr>
<tr>
<td>HUMAN 1C &amp; Humanities Core Lecture (4)</td>
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<tr>
<td>HUMAN 1AS &amp; Humanities Core Writing (4)</td>
<td>OR</td>
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<tr>
<td>HUMAN 1BS &amp; Humanities Core Writing (4)</td>
<td>HUMAN 4H &amp; Honors Arts and Ideas: Ancient World through the Late Medieval Period (3)</td>
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<td>HUMAN 1CS &amp; Humanities Core Writing (4)</td>
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<tr>
<th>OR</th>
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<tr>
<td>HUM 5 &amp; Arts and Ideas: The Renaissance through the Modern Era (3)</td>
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<td>OR</td>
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<tr>
<td>HUM 5H &amp; Honors Arts and Ideas: The Renaissance through the Modern Era (3)</td>
<td>AND</td>
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</tbody>
</table>
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<th>Effective during the 18-19 Academic Year</th>
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<tbody>
<tr>
<td>Applies to Fall 2019 and Fall 2020 Admissions</td>
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</tbody>
</table>

| ENG 1A     English Composition     (4) |
| OR |
| ENG 1AH &  Honors English          (4) |
| OR |
| ENG 1B     Critical Thinking and   (4) |
| OR |
| ENG 1BH    Honors Critical Thinking and Writing (4) |

END OF LITERARY JOURNALISM
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====================================================================================================

|=Management (Minor in)====

The Minor in Management

The Paul Merage School of Business faculty offers an undergraduate minor in Management which consists of seven courses. In addition, prerequisites include one lower-division microeconomics course, and one course or one sequence selected from the statistics courses outlined below. Management 1 serves as a prerequisite, and also counts as one of the seven courses required for the minor.

In establishing the undergraduate minor, the faculty anticipated three types of students to be drawn to courses in administration:
1) students who wish to learn about the management of organizations as a way of preparing for a career in business,
2) students preparing for careers in other fields that require some knowledge of management, and
3) students who expect to go on to graduate work in management who wish early guidance and undergraduate work appropriate to this career objective

NOTE: Students may not receive both the minor in management and the minor in accounting. Open to non-Merage School majors only.

Preparation for Transfer at the Junior Level

Students are eligible to apply for the minor in Management if they have completed all prerequisite courses (including Management 1) with a grade no lower than C (2.0) and have upper-division standing. Completion of the prerequisite courses does not guarantee admission to the minor in Management. Admission is on a competitive basis and students must submit an application, transcripts, and a statement of purpose. Applications are accepted on a quarterly basis. Interested students are encouraged to obtain further information from the Undergraduate Programs Office, SB2 Suite 202; http://www.merage.uci.edu/.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

------------------------------------------------------------------------------------------------------------------
| ECON 20A Basic Economics I (4) | ECO 8 Principles of Microeconomics (3) |
------------------------------------------------------------------------------------------------------------------
One course or one sequence of statistics:
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<table>
<thead>
<tr>
<th>Course</th>
<th>Equivalent Course</th>
<th>Units</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHRO 10A &amp; Probability and Statistics (4)</td>
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<tr>
<td>Same as: SOCIOL 10A</td>
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<tr>
<td>ANTHRO 10B &amp; Probability and Statistics (4)</td>
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<td>Same as: SOCIOL 10B</td>
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<tr>
<td>ANTHRO 10C Probability and Statistics (4)</td>
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<td>Same as: SOCIOL 10C</td>
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<tr>
<td>ENGRCEE 11 Methods II: Probability and Statistics (4)</td>
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<tr>
<td>ECON 15A &amp; Probability and Statistics in Economics I (4)</td>
<td></td>
<td>No course articulated-Courses to be completed at UCI</td>
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<tr>
<td>ECON 15B Probability and Statistics in Economics II (4)</td>
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<tr>
<td>MGMT 7 Statistics for Business Decision Making (4)</td>
<td>MAT 12 Statistics (4)</td>
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<td>STATS 7 Basic Statistics (4)</td>
<td>MAT 12 Statistics (4)</td>
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<td>STATS 8 Introduction to Biological Statistics (4)</td>
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<td>STATS 67 Introduction to Probability and Statistics for Computer Science (4)</td>
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<td>SOCECOL 13 Statistical Analysis in Social Ecology (4)</td>
<td>MAT 12 Statistics (4)</td>
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<tr>
<td>SOC SCI 9A &amp; General Statistics and Probability I (4)</td>
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<td>No course articulated</td>
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</tr>
</tbody>
</table>
Articulation Agreement by Major
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================================================================================
SOC SCI 9B & General Statistics and Probability II (4)
SOC SCI 9C General Statistics and Probability III (4)
OR
SOC SCI 10A & Probability and Statistics in the Social Sciences I (4)
SOC SCI 10B Probability and Statistics in the Social Sciences II (4)
SOC SCI 10C Probability and Statistics in the Social Sciences III (4)
OR
SOCIO 10A Probability and Statistics (4)
SOCIO 10B Probability and Statistics (4)
SOCIO 10C Probability and Statistics (4)
Same as: ANTHRO 10A
Same as: ANTHRO 10B
Same as: ANTHRO 10C
--------------------------------------------------------------------------------
MGMT 1 Introduction to Business and Management (4)
BUS 10 Introduction to Business (3)
--------------------------------------------------------------------------------
END OF MANAGEMENT (Minor In)
Articulation Agreement by Major  
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====================================================================================================

====Materials Science Engineering, B.S.====

Preference will be given to junior-level applicants with the highest grades overall who have satisfactorily completed the following major-preparation courses with a grade of C or better by the end of spring term prior to transfer.

- Both Single Variable Calculus I (C-ID MATH 210 or MATH 211)  
  + Single Variable Calculus II (C-ID MATH 220 or MATH 221)  
  or Single Variable Calculus Sequence (C-ID MATH 900S or 910S)
- Multivariable Calculus (C-ID MATH 230)
- Both Ordinary Differential Equations (C-ID MATH 240)  
  + Introduction to Linear Algebra (C-ID MATH 250)  
  or Differential Equations and Linear Algebra (C-ID MATH 910S)
- All 3 Calculus-Based Physics for Scientists and Engineers: A (C-ID PHYS 205)  
  + Calculus-Based Physics for Scientists and Engineers: B (C-ID PHYS 210)  
  + Calculus-Based Physics for Scientists and Engineers: C (C-ID PHYS 215)  
  or Calculus-Based Physics for Scientists and Engineers: ABC (C-ID PHYS 200S)
- General Chemistry for Science Majors Sequence A (C-ID CHEM 120S)
- Programming and Problem Solving in MATLAB (C-ID ENGR 220)  
  or Introduction to Programming Concepts and Methodologies for Engineers (C-ID ENGR 120)

Students must have a cumulative GPA of 3.0 in required courses.

The following courses are not required for transfer consideration, however the degree cannot be completed in two years without them:

- Statics (C-ID ENGR 130)
- Materials Science and Engineering (C-ID ENGR 140)
- Circuit Analysis (C-ID ENGR 260) + Circuit Analysis Lab (C-ID ENGR 260L)

Additional courses listed will transfer and be used toward the degree but will not have a meaningful impact on the time to complete the degree. Students should not delay transfer in order to complete these courses.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

====================================================================================================

**MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
</tr>
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<tbody>
<tr>
<td>MATH 2A</td>
<td>Single-Variable Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2B</td>
<td>Single-Variable Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2D</td>
<td>Multivariable Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2E</td>
<td>Multivariable Calculus</td>
<td>4</td>
</tr>
</tbody>
</table>
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---

**MATH 3A**  
Introduction to Linear Algebra  
(4)  
**MAT 3**  
Linear Algebra  
(3)  

---

**MATH 3D**  
Elementary Differential Equations  
(4)  
**MAT 2**  
Differential Equations  
(4)  

---

**PHYSICS 7C & 7LC**  
Classical Physics  
(4)  
**PHY 4A & 4B**  
Mechanics  
(4)  

---

**PHYSICS 7D & 7LD**  
Classical Physics  
(4)  
**PHY 4B & 4C**  
Electricity and Magnetism  
(4)  

---

**ENGR 1A & 1C**  
General Chemistry for Engineers  
(4)  
**CHE 1A & 1B**  
General Chemistry, I  
(5)  

---

**CHEM 1B & 1C**  
General Chemistry  
(4)  
**CHEM 1A & 1B**  
General Chemistry, II  
(5)  

---

**CHEM 1C**  
General Chemistry  
(4)  
**CHEM 1A & 1B**  
General Chemistry, I  
(5)  

---

**ENGRMAE 10**  
Introduction to Engineering  
(4)  
**CIS 17A**  
Programming Concepts and Methodologies II: C++  
(3)  

---

**EECS 10**  
Computational Methods in Electrical and Computer Engineering  
(4)  
**CIS 17A**  
Programming Concepts and Methodologies II: C++  
(3)  

---

**MAJOR PREPARATION COURSES NECESSARY TO GRADUATE IN 2 YEARS**

---

**ENGRMAE 30**  
Statics  
(4)  
**ENE 35**  
Statics  
(3)  

---

**ENGR 54**  
Principles of Materials Science and Engineering  
(4)  
**No course articulated**  

---

**ENGRMAE 60**  
Electric Circuits  
(4)  
**No course articulated**  

---

**EECS 70A**  
Network Analysis I  
(4)  
**No course articulated**  

---

**ADDITIONAL MAJOR REQUIREMENTS**

---

**CBEMS 65A**  
Thermodynamics of Materials  
(4)  
**No course articulated**  

---
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---

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Articulated With</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGRMAE 91</td>
<td>Introduction to Thermodynamics</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>CBEMS 65B</td>
<td>Diffusion in Materials</td>
<td>4</td>
<td>No course articulated</td>
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</table>

### ADDITIONAL MAJOR ELECTIVES

4 quarter units from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Articulated With</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 93</td>
<td>From DNA to Organisms</td>
<td>4</td>
<td>BIO 60 Introduction to Molecular and Cellular Biology</td>
</tr>
<tr>
<td>BME 50A</td>
<td>Cell and Molecular Engineering</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>CHEM 51A</td>
<td>Organic Chemistry</td>
<td>4</td>
<td>CHE 12A Organic Chemistry, I</td>
</tr>
<tr>
<td>EECS 70B</td>
<td>Network Analysis II</td>
<td>4</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>
| ENGR 7A | Introduction to Engineering I | 2 | No course articulated  
| AND | AND |
| ENGR 7B | Introduction to Engineering II | 2 | No course articulated |
| ENGRMAE 80 | Dynamics | 4 | No course articulated  
Same as: ENGR 80, ENGRCEE 80 |
| PHYSICS 51A | Modern Physics | 4 | No course articulated |
| STATS 7 | Basic Statistics | 4 | MAT 12 Statistics  
| OR | MAT 12H Honors Statistics |

---

END OF MATERIALS SCIENCE ENGINEERING
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================================================================================
====Mathematics, B.S.====

Preference will be given to junior-level applicants with the highest grades overall who have satisfactorily completed the following **required** course work:

- One year of approved Calculus with a minimum grade of B in each course

Additional course work in multivariable calculus, linear algebra, and differential equations is strongly recommended.

Transfer students **must** have a cumulative GPA of 3.0.

Students are urged to see an academic counselor to plan their junior year. At the upper-division level, students may specialize in Applied and Computational Mathematics, Mathematical Biology, or Mathematics for Education. Concentrations in Mathematical Finance and Mathematics for Education with Secondary Teaching Certification are also offered. Information is available at: (949)824-6507, ps.uci.edu.

**NOTE:** In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).


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**MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER**

<table>
<thead>
<tr>
<th>Course 1</th>
<th>Course 2</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A &amp; Single-Variable Calculus</td>
<td>MAT 1A &amp; Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2B Single-Variable Calculus</td>
<td>MAT 1B Calculus II</td>
<td>4</td>
</tr>
</tbody>
</table>

---

**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

<table>
<thead>
<tr>
<th>Course 1</th>
<th>Course 2</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2D Multivariable Calculus</td>
<td>MAT 1C Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2E Multivariable Calculus</td>
<td>MAT 1C Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>MATH 3A Introduction to Linear Algebra</td>
<td>MAT 3 Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3D Elementary Differential Equations</td>
<td>MAT 2 Differential Equations</td>
<td>4</td>
</tr>
<tr>
<td>MATH 13 Introduction to Abstract Mathematics</td>
<td>No course articulated</td>
<td></td>
</tr>
</tbody>
</table>

**Important:** Articulation of general chemistry is based on the completion of the
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================================================================================
entire year. Students wishing information on course-to-course equivalencies
(semester to quarter) should contact the Physical Sciences Student Affairs
Office at: pssazot@uci.edu.

CHEM 1A & General Chemistry (4) | CHEM 1A & General Chemistry, I (5)
CHEM 1B & General Chemistry (4) | CHEM 1B & General Chemistry, II (5)
CHEM 1C & General Chemistry (4) |

OR |

OR |

PHYSICS 2 & Introduction to Mathematical Methods for Physics (4) | PHYSICS 4A & Mechanics (4)
PHYSICS 7C & Classical Physics (4) | PHY 4B & Electricity and Magnetism
PHYSICS 7D & Classical Physics (4) | OR |

OR |

OR |

PHYSICS 2 & Introduction to Mathematical Methods for Physics (4) | PHYSICS 4A & Mechanics (4)
PHYSICS 7C & Classical Physics (4) | PHYSICS 4A & Mechanics (4)
PHYSICS 7E & Classical Physics (4) | OR |

OR |

OR |

PHYSICS 7C & Classical Physics (4) | PHYSICS 4A & Mechanics (4)
PHYSICS 7D & Classical Physics (4) |

PHYSICS 7E & Classical Physics (4) |

--------------------------------------------------------------------------------

MATH 9 Introduction to Programming for Numerical Analysis (4) | CIS 17A Programming Concepts and Methodology II: C++ (3)
| Same as: CSC 17A |
| OR |
| CIS 17C C++ Programming: Data Structures (3) |
| OR |
| CIS 18A JAVA Programming: Objects (3) |
| Same as: CSC 18A |

--------------------------------------------------------------------------------

END OF MATHEMATICS
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====Mechanical Engineering, B.S====

Preference will be given to junior-level applicants with the highest grades overall who have satisfactorily completed the following major-preparation courses with a grade of C or better by the end of spring term prior to transfer.

- Both Single Variable Calculus I (C-ID MATH 210 or MATH 211)
  + Single Variable Calculus II (C-ID MATH 220 or MATH 221)
  or Single Variable Calculus Sequence (C-ID MATH 900S or 910S)
- Multivariable Calculus (C-ID MATH 230)
- Both Ordinary Differential Equations (C-ID MATH 240)
  + Introduction to Linear Algebra (C-ID MATH 250)
  or Differential Equations and Linear Algebra (C-ID MATH 910S)
- All 3 Calculus-Based Physics for Scientists and Engineers: A (C-ID PHYS 205)
  + Calculus-Based Physics for Scientists and Engineers: B (C-ID PHYS 210)
  + Calculus-Based Physics for Scientists and Engineers: C (C-ID PHYS 215)
  or Calculus-Based Physics for Scientists and Engineers: ABC (C-ID PHYS 200S)
- General Chemistry for Science Majors I, with Lab (C-ID CHEM 110)
  or General Chemistry for Science Majors Sequence A (C-ID CHEM 120S)
- Programming and Problem Solving in MATLAB (C-ID ENGR 220)
  or Introduction to Programming Concepts and Methodologies for Engineers (C-ID ENGR 120)

Students must have a cumulative GPA of 3.0 in required courses.
--------------------------------------------------------------------------------

The following courses are not required for transfer consideration, however the degree cannot be completed in two years without them:
- Statics (C-ID ENGR 130)
- Engineering Graphics (C-ID ENGR 150)
- Circuit Analysis (C-ID ENGR 260) + Circuit Analysis Lab (C-ID ENGR 260L)
- Materials Science and Engineering (C-ID ENGR 140)

--------------------------------------------------------------------------------

Additional courses listed will transfer and be used toward the degree but will not have a meaningful impact on the time to complete the degree. Students should not delay transfer in order to complete these courses.
--------------------------------------------------------------------------------

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For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

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### MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

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<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
</tr>
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<tbody>
<tr>
<td>MATH 2A</td>
<td>Single-Variable Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MAT 1A</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2B</td>
<td>Single-Variable Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MAT 1B</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2D</td>
<td>Multivariable Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MAT 1C</td>
<td>Calculus III</td>
<td>4</td>
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</tbody>
</table>
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<table>
<thead>
<tr>
<th>Math 18-19</th>
<th>Math 18-19</th>
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<tbody>
<tr>
<td>MATH 2E</td>
<td>MAT 1C</td>
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<tr>
<td>Multivariable Calculus</td>
<td>Calculus III</td>
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<td></td>
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<tr>
<td>MATH 3A</td>
<td>MAT 3</td>
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<tr>
<td>Introduction to Linear Algebra</td>
<td>Linear Algebra</td>
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<tr>
<td></td>
<td>(4)</td>
</tr>
<tr>
<td>MATH 3D</td>
<td>MAT 2</td>
</tr>
<tr>
<td>Elementary Differential Equations</td>
<td>Differential Equations</td>
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<tr>
<td></td>
<td>(4)</td>
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<tr>
<td>PHYSICS 7C</td>
<td>PHY 4A</td>
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<tr>
<td>&amp; Classical Physics</td>
<td>Mechanics</td>
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<td>(4)</td>
</tr>
<tr>
<td>PHYSICS 7LC</td>
<td>PHY 4B</td>
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<td>&amp; Classical Physics</td>
<td>Electricity and Magnetism</td>
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<td>(4)</td>
</tr>
<tr>
<td>PHYSICS 7D</td>
<td>PHY 4C</td>
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<td>&amp; Classical Physics</td>
<td>Heat, Light and Waves</td>
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<td>ENGR 1A &amp; 6</td>
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<td>CHE 1AH</td>
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<td>Honors General Chemistry, I</td>
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<td>General Chemistry</td>
<td>OR</td>
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<td>(4)</td>
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<tr>
<td>CHEM 1LE &amp; 6</td>
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<tr>
<td>Accelerated General Chemistry Laboratory</td>
<td>OR</td>
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<td></td>
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<td>ENGRMAE 10</td>
<td>CIS 17A</td>
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<td>ENGRMAE 30</td>
<td>ENE 35</td>
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<td>ENGR 54</td>
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<tr>
<td>ENGRMAE 60</td>
<td></td>
</tr>
<tr>
<td>Electric Circuits</td>
<td>OR</td>
</tr>
<tr>
<td>OR</td>
<td>EECS 70A</td>
</tr>
<tr>
<td>Network Analysis I</td>
<td>OR</td>
</tr>
<tr>
<td></td>
<td>(4)</td>
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<tr>
<td>ADDITIONAL MAJOR REQUIREMENTS</td>
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</tr>
<tr>
<td>PHYSICS 52A</td>
<td>PHY 4C</td>
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<td>Fundamentals of Experimental Physics</td>
<td>Heat, Light and Waves</td>
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<td>ECON 20A</td>
<td>ECO 8</td>
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<td>Basic Economics I</td>
<td>Principles of Microeconomics</td>
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<td>OR</td>
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<td>ECON 23</td>
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<tr>
<td>Basic Economics for</td>
<td>OR</td>
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</table>
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================================================================================
Engineers

<table>
<thead>
<tr>
<th>ENGRMAE 80</th>
<th>Dynamics</th>
<th>(4)</th>
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<tbody>
<tr>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| ENGRMAE 91  | Introduction to Thermodynamics  | (4) | No course articulated |

ADDITIONAL MAJOR ELECTIVES

One additional approved science course  | One course (or lecture/lab combination) from the following:
| AMY 10 Survey of Human Anatomy  | 3 |
| & Physiology |
| ANT 1 Physical Anthropology  | 3 |
| BIO 1 General Biology  | 4 |
| BIO 2A Invertebrate Zoology  | 5 |
| BIO 2B Vertebrate Zoology  | 5 |
| BIO 3 Field Botany  | 4 |
| BIO 5 General Botany  | 4 |
| BIO 6 Introduction to Zoology  | 4 |
| BIO 7 Marine Biology  | 4 |
| BIO 8 Principles of Ecology  | 4 |
| BIO 9 Introduction to the Natural History of Southern California  |
| BIO 10 Life Science Principles  | 3 |
| BIO 17 Human Biology  | 4 |
| BIO 19 Environmental Science  | 3 |
| BIO 34 Human Genetics  | 3 |
| BIO 50A Anatomy and Physiology  | 4 |
| I  |
| BIO 50B Anatomy and Physiology  | 4 |
| II  |
| BIO 55 Microbiology  | 4 |
| BIO 60 Introduction to Molecular and Cellular Biology  |
| BIO 61 Introduction to Organismal and Population Biology (Majors)  |
| CHE 1A General Chemistry, I  | 5 |
| CHE 1B General Chemistry, II  | 5 |
| CHE 2A Introductory Chemistry, I  |
| CHE 3 Fundamentals of Chemistry  | 4 |
| CHE 10 Chemistry for Everyone  | 3 |
| CHE 12A Organic Chemistry, I  | 5 |
| CHE 12B Organic Chemistry, II  | 5 |
| GEG 1  & Physical Geography  | 3 |
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<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEG 1L</td>
<td>Physical Geography</td>
<td>1</td>
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<tr>
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<td>Laboratory</td>
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</tr>
<tr>
<td>GEG 1H</td>
<td>Honors Physical Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEG 1L</td>
<td>Physical Geography</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Laboratory</td>
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<tr>
<td>GEG 5</td>
<td>Weather and Climate</td>
<td>3</td>
</tr>
<tr>
<td>PHS 1</td>
<td>Introduction to Physical Science</td>
<td>3</td>
</tr>
<tr>
<td>PHY 2A</td>
<td>General Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHY 2B</td>
<td>General Physics II</td>
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</tr>
<tr>
<td>PHY 4A</td>
<td>Mechanics</td>
<td>4</td>
</tr>
<tr>
<td>PHY 4B</td>
<td>Electricity and Magnetism</td>
<td>4</td>
</tr>
<tr>
<td>PHY 4C</td>
<td>Heat, Light and Waves</td>
<td>4</td>
</tr>
<tr>
<td>PHY 10</td>
<td>Introduction to General Physics</td>
<td>3</td>
</tr>
<tr>
<td>PHY 11</td>
<td>Physics Lab</td>
<td>1</td>
</tr>
<tr>
<td>PSY 2</td>
<td>Biological Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

ENGR 7A Introduction to Engineering I (2) No course articulated

AND

ENGR 7B Introduction to Engineering II (2) No course articulated

END OF MECHANICAL ENGINEERING
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Norco College

=====================================================================================================

====Microbiology and Immunology, B.S====

The major in Microbiology and Immunology is open only to upper-division Biological Sciences majors who meet specified course and grade requirements as listed at www.changeofmajor.uci.edu. The requirements can only be completed at UC Irvine after transfer.

Transfer students interested in this major should apply as Biological Sciences majors. To enter the Biological Sciences major, junior-level applicants with the highest grades overall who satisfactorily complete course prerequisites will be given preference for admission.

All applicants must complete the following with a grade of C or better in each required course:
- one year of biology courses equivalent to UCI’s BIO SCI 93 & BIO SCI 94,
- one year of general chemistry with laboratory, and
- one year of organic chemistry with laboratory

All applicants must have a cumulative GPA of 3.0 or higher.

Transfer students are advised to complete as many articulated lower-division degree requirements as possible prior to transfer. For information, contact the School of Biological Sciences at (949) 824-5318 or go to http://www.bio.uci.edu/students/undergraduates/

NOTE: Once enrolled at UCI, School of Biological Sciences majors may only take UCI courses to satisfy major requirements.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

=====================================================================================================

<table>
<thead>
<tr>
<th>MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 93        From DNA to Organisms (4)</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>BIO SCI 94        From Organisms to Ecosystems (4)</td>
</tr>
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</tbody>
</table>

Important: Articulation of general chemistry is based on the completion of the
Articulation Agreement by Major
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To: UC Irvine
From: Norco College

================================================================================
entire year. Students wishing information on course-to-course equivalencies
(semester to quarter) should contact the Physical Sciences Student Affairs
Office at: pssazot@uci.edu.

<table>
<thead>
<tr>
<th>Norco College Course</th>
<th>UC Irvine Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1A &amp;</td>
<td>CHE 1A &amp; General Chemistry, I</td>
<td>(5)</td>
</tr>
<tr>
<td>CHEM 1B &amp;</td>
<td>CHE 1B &amp; General Chemistry, II</td>
<td>(5)</td>
</tr>
<tr>
<td>CHEM 1C &amp;</td>
<td>CHE 1C &amp; General Chemistry</td>
<td>(4)</td>
</tr>
<tr>
<td>CHEM 1LC &amp;</td>
<td>Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 1LD &amp;</td>
<td>Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 51A &amp;</td>
<td>CHE 12A &amp; Organic Chemistry, I</td>
<td>(5)</td>
</tr>
<tr>
<td>CHEM 51LB &amp;</td>
<td>Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 51B &amp;</td>
<td>CHE 12B &amp; Organic Chemistry, II</td>
<td>(5)</td>
</tr>
<tr>
<td>CHEM 51C &amp;</td>
<td>CHE 12B &amp; Organic Chemistry, II</td>
<td>(5)</td>
</tr>
<tr>
<td>CHEM 51LC &amp;</td>
<td>Laboratory</td>
<td></td>
</tr>
</tbody>
</table>

ADDITIONAL APPROVED COURSES FOR THE MAJOR

<table>
<thead>
<tr>
<th>Norco College Course</th>
<th>UC Irvine Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 97</td>
<td>Genetics</td>
<td>(4)</td>
</tr>
<tr>
<td>BIO SCI 98</td>
<td>Biochemistry</td>
<td>(4)</td>
</tr>
<tr>
<td>BIO SCI 99</td>
<td>Molecular Biology</td>
<td>(4)</td>
</tr>
</tbody>
</table>

Students have two options for completing the Mathematics requirement before
enrolling at UCI:
1. Two semesters of Calculus; or
2. One semester of Calculus and one semester of Statistics
Option 2 is recommended for students who would like to attend a health
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<tr>
<th>Norco College Course</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A &amp;</td>
<td>MAT 1A &amp; Calculus I</td>
<td>(4)</td>
</tr>
<tr>
<td>MATH 2B &amp;</td>
<td>MAT 1B &amp; Calculus II</td>
<td>(4)</td>
</tr>
<tr>
<td>and one of the following:</td>
<td>and one of the following:</td>
<td></td>
</tr>
<tr>
<td>STATS 7</td>
<td>MAT 1B &amp; Calculus II</td>
<td>(4)</td>
</tr>
<tr>
<td>STATS 8</td>
<td>MAT 12 &amp; Statistics</td>
<td>(4)</td>
</tr>
<tr>
<td>Mathematics</td>
<td>MAT 12H &amp; Honors Statistics</td>
<td>(4)</td>
</tr>
<tr>
<td>MATH 2D</td>
<td>MAT 1C &amp; Calculus III</td>
<td>(4)</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>MAT 3 &amp; Linear Algebra</td>
<td>(3)</td>
</tr>
<tr>
<td>Physics 3A &amp;</td>
<td>PHY 2A &amp; General Physics I</td>
<td>(4)</td>
</tr>
<tr>
<td>Physics 3B &amp;</td>
<td>PHY 2B &amp; General Physics II</td>
<td>(4)</td>
</tr>
<tr>
<td>Physics 3LB &amp;</td>
<td>Laboratory</td>
<td></td>
</tr>
<tr>
<td>Physics 3C &amp;</td>
<td>Laboratory</td>
<td></td>
</tr>
</tbody>
</table>
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  

To: UC Irvine | From: Norco College

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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</tr>
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<tbody>
<tr>
<td>PHYSICS 3LC</td>
<td>Basic Physics</td>
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<tr>
<td></td>
<td>Laboratory</td>
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<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7C</td>
<td>Classical Physics</td>
<td>(4)</td>
<td>PHYS 4A</td>
</tr>
<tr>
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<td>Classical Physics</td>
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<td>Mechanics</td>
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<td></td>
<td>Laboratory</td>
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<td></td>
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<tr>
<td>PHYSICS 7D</td>
<td>Classical Physics</td>
<td>(4)</td>
<td>PHYS 4B</td>
</tr>
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<td>PHYSICS 7LD</td>
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<td>(1)</td>
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<tr>
<td>PHYSICS 7E</td>
<td>Classical Physics</td>
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<td></td>
</tr>
</tbody>
</table>

END OF MICROBIOLOGY AND IMMUNOLOGY
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  

To: UC Irvine  |  From: Norco College

================================================================================
====Music Theatre, B.F.A.====

New students are not admitted directly into the Music Theatre, B.F.A. program. Students interested in the Music Theatre, B.F.A. must enter UCI as a declared Drama major first. Admission to the Music Theatre, B.F.A. requires an audition; transfer students may audition as early as their second quarter in residence at UCI.

This major does not require completion of prerequisites for admission as a transfer student.

**Note:** If not completed prior to transfer, Drama 10, and 1 course chosen from 50A, 50B, 50C, 50D, 50E, 50F must be completed the first year in residence at UCI. It is recommended that Drama 40A, 40B, 40C be completed as soon as possible after transfer to UCI.

**NOTE:** In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).


<table>
<thead>
<tr>
<th>DRAMA 10 Introduction to Production Theory</th>
<th>No course articulated</th>
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</thead>
<tbody>
<tr>
<td>One course from:</td>
<td>No course articulated</td>
</tr>
<tr>
<td>DRAMA 15 Performance Now</td>
<td>(4)</td>
</tr>
<tr>
<td>DRAMA 20A Culture in Performance</td>
<td>(4)</td>
</tr>
<tr>
<td>DRAMA 20B Culture in Performance</td>
<td>(4)</td>
</tr>
<tr>
<td>DRAMA 20C Culture in Performance</td>
<td>(4)</td>
</tr>
</tbody>
</table>
| DRAMA 30A & Acting                        | (4)|THE 32 Acting Fundamentals - | (3)
| DRAMA 30B & Acting                        | (4)| Theater Games and Exercises |
| DRAMA 30C Acting                          | (4)|
| DRAMA 40A & Development of Drama          | (4)|No course articulated |
| DRAMA 40B & Development of Drama          | (4)|
| DRAMA 40C Development of Drama            | (4)|
| One course from:                         | One course from:     |
| DRAMA 50A Introduction to Costume Design  | (4)|No course articulated |
| DRAMA 50B Introduction to Scenic Design   | (4)|No course articulated |
| DRAMA 50C Introduction to Lighting        | (4)|No course articulated |
Articulation Agreement by Major  
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To: UC Irvine  | From: Norco College

| Design | DRAMA 50D | Introduction to Sound | (4) | No course articulated |
| Design | DRAMA 50E | Introduction to Stage  | (4) | No course articulated |
| Management | DRAMA 50F | History & Theories of Scenography | (4) | No course articulated |

| Two courses in Ballet Dance | No course articulated |
| One course in Jazz Dance | No course articulated |
| One course in Tap Dance | DAN D43 Tap, Beginning (1) | DAN D44 Tap, Intermediate (1) |

END OF MUSIC THEATRE
Articulation Agreement by Major
Effective during the 18-19 Academic Year
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To: UC Irvine | From: Norco College

================================================================================

====Music, B.A./B.Mus====

The Department of Music offers two degrees: The Bachelor of Arts in Music (B.A.) and the Bachelor of Music (B.Mus.). The B.A. in Music program enables students to study music theory, music history, composition and performance; the B.Mus. program allows students to specialize in piano performance, vocal performance, instrumental performance (flute, oboe, clarinet, bassoon, horn, trumpet, trombone, tuba, percussion, violin, viola, violoncello, and double bass), jazz studies (piano, saxophone, trombone, trumpet, bass, and percussion), and guitar and lute performance.

All Music applicants, regardless of degree objective, must apply to the B.A. degree program and audition in late January/early February with an instrument or voice, prior to the fall quarter when entrance is anticipated; admission to the B.Mus. degree program is by a second audition later after matriculation.

Transfer applicants who perform at a sufficiently high level in the entrance audition, have the requisite background in music theory and musicianship, and wish to earn the B.Mus. rather than B.A. degree, will be offered the opportunity to change their degree objective from B.A. to B.Mus. upon matriculation at the University. Please visit the Music Department website: http://music.arts.uci.edu for more information.

It is recommended that transfer students enter the major with college-level private instrumental or voice instruction; two years of music theory; the history of western music; ear-training; sight-singing; sight-reading; and piano. Transfer students must take placement tests in musicianship, music theory, and music history in order to receive credit toward fulfilling degree requirements.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

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MUSIC (B.A./B.Mus.) CORE REQUIREMENTS:

--------------------------------------------------------------------------------

MUSIC 15A & Musicianship I (2) | MUS 4 & Music Theory I (4)
MUSIC 15B & Musicianship II (2) | MUS 5 Music Theory II (4)
MUSIC 15C Musicianship III (2) |

MUSIC 16A & Music Theory (4) | MUS 4 & Music Theory I (4)
MUSIC 16B & Music Theory (4) | MUS 5 Music Theory II (4)
MUSIC 16C & Music Theory (4) |
MUSIC 16D Theory/Musicianship (4) |
Articulation Agreement by Major  
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To: UC Irvine | From: Norco College
===============================================

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
<th>Articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSIC 40B &amp;</td>
<td>History of European Music: From the Renaissance through the Baroque</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>MUSIC 40C</td>
<td>History of European Music: Hasse to Mahler</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MUSIC 40D</td>
<td>Twentieth-Century Music</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>MUSIC 51</td>
<td>Music Technology and Computers</td>
<td>4</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

Two years of vocal or instrumental instruction (At least one year must be in residence at UCI) | One year of individual vocal or instrumental instruction |

Two years of ensemble or repertory (At least one year must be in residence at UCI) | One year of ensemble or repertory |

Music B.A. Students

One course from: | One course from: |
| MUSIC 4 | Introduction to Opera | (4) | No course articulated |
| MUSIC 8 | The Beatles and the Sixties | (4) | No course articulated |
| MUSIC 9 | Rock: The Early Years | (4) | No course articulated |
| MUSIC 14A & | European and American Music: 1700-Twentieth Century | (4) | No course articulated |
| MUSIC 14B & | European and American Music: 1700-Twentieth Century | (4) | No course articulated |
| MUSIC 14C | European and American Music: 1700-Twentieth Century | (4) | |
| MUSIC 41 | Major Composer | (4) | No course articulated |
| MUSIC 42 | Music and Gender | (4) | No course articulated |
| MUSIC 44 | Classical Music in Society | (4) | No course articulated |
| MUSIC 45 | History of Film Music | (4) | No course articulated |
| MUSIC 78 | History of Jazz | (4) | MUS 25 Jazz Appreciation | (3) |
| MUSIC 82A | Pish Radif: Introduction to Classical Persian Music | (4) | No course articulated |
| MUSIC 82B | Pish Radif: Introduction to Classical Persian Music | (4) | |
| MUSIC 82C | Pish Radif: Introduction to Classical Persian Music | (4) | |
Articulation Agreement by Major
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================================================================================
|================================================================================
Music B.Mus. Students

| One course from: | One course from: |
| MUSIC 41         | Major Composer   | (4) | No course articulated |
| MUSIC 42         | Music and Gender | (4) | No course articulated |
| MUSIC 44         | Classical Music in | (4) | No course articulated |
| Society         |                |    |                      |
| MUSIC 45         | History of Film Music | (4) | No course articulated |
| MUSIC 78         | History of Jazz  | (4) | MUS 25 Jazz Appreciation | (3) |

================================================================================
END OF MUSIC
Articulation Agreement by Major
Effective during the 18-19 Academic Year
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To: UC Irvine | From: Norco College
=================================================================================================

====Neurobiology, B.S.====

The major in Neurobiology is open only to upper-division Biological Sciences majors who meet specified course and grade requirements as listed at www.changeofmajor.uci.edu. The requirements can only be completed at UC Irvine after transfer.

Transfer students interested in this major should apply as Biological Sciences majors. To enter the Biological Sciences major, junior-level applicants with the highest grades overall who satisfactorily complete course prerequisites will be given preference for admission.

All applicants must complete the following with a grade of C or better in each required course:
- one year of biology courses equivalent to UCI's BIO SCI 93 & BIO SCI 94,
- one year of general chemistry with laboratory, and
- one year of organic chemistry with laboratory

All applicants must have a cumulative GPA of 3.0 or higher.

Transfer students are advised to complete as many articulated lower-division degree requirements as possible prior to transfer. For information, contact the School of Biological Sciences at (949) 824-5318 or go to http://www.bio.uci.edu/students/undergraduates/

NOTE: Once enrolled at UCI, School of Biological Sciences majors may only take UCI courses to satisfy major requirements.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

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--------------------------------------
MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER
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<table>
<thead>
<tr>
<th>BIO SCI 93: From DNA to Organisms (4)</th>
<th>BIO 60: Introduction to Molecular and Cellular Biology (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 94: From Organisms to Ecosystems (4)</td>
<td>BIO 61: Introduction to Organismal and Population Biology (Majors) (5)</td>
</tr>
</tbody>
</table>

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<tbody>
<tr>
<td>CHEM 1A General Chemistry</td>
<td>CHEM 1A General Chemistry, I (5)</td>
<td></td>
</tr>
<tr>
<td>CHEM 1B General Chemistry</td>
<td>CHEM 1B General Chemistry, II (5)</td>
<td></td>
</tr>
<tr>
<td>CHEM 1C General Chemistry</td>
<td>CHEM 1C General Chemistry, III (5)</td>
<td></td>
</tr>
<tr>
<td>CHEM 1LC General Chemistry</td>
<td>Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 1LD General Chemistry</td>
<td>Laboratory</td>
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<tr>
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</thead>
<tbody>
<tr>
<td>CHEM 51LB Organic Chemistry</td>
<td>Laboratory</td>
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</table>

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<tbody>
<tr>
<td>CHEM 51B Organic Chemistry</td>
<td>CHEM 12A Organic Chemistry, I (5)</td>
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</tr>
<tr>
<td>CHEM 51C Organic Chemistry</td>
<td>CHEM 12B Organic Chemistry, II (5)</td>
<td></td>
</tr>
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<tbody>
<tr>
<td>BIO SCI 97 Genetics</td>
<td>No course articulated</td>
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</tr>
<tr>
<td>BIO SCI 98 Biochemistry</td>
<td>No course articulated</td>
<td></td>
</tr>
<tr>
<td>BIO SCI 99 Molecular Biology</td>
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Students have two options for completing the Mathematics requirement before enrolling at UCI:  
1. Two semesters of Calculus; or  
2. One semester of Calculus and one semester of Statistics  
Option 2 is recommended for students who would like to attend a health professional school.

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<tbody>
<tr>
<td>MATH 2A Single-Variable Calculus</td>
<td>MATH 1A Calculus I (4)</td>
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<tr>
<td>MATH 2B Single-Variable Calculus</td>
<td>MATH 1A Calculus I (4)</td>
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</tr>
<tr>
<td>and one of the following:</td>
<td>and one of the following:</td>
<td></td>
</tr>
<tr>
<td>STATS 7 Basic Statistics</td>
<td>MATH 1B Calculus II (4)</td>
<td></td>
</tr>
<tr>
<td>STATS 8 Introduction to Biological Statistics</td>
<td>MATH 12 Statistics (4)</td>
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</tr>
<tr>
<td>MATH 2D Multivariable Calculus</td>
<td>MATH 1C Calculus III (4)</td>
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</tr>
<tr>
<td>MATH 3A Introduction to Linear Algebra</td>
<td>MATH 3 Linear Algebra (3)</td>
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<tbody>
<tr>
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<td>PHYSICS 2A Basic Physics, I (4)</td>
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</tr>
<tr>
<td>PHYSICS 3B Basic Physics</td>
<td>PHYSICS 2B Basic Physics, II (4)</td>
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</tr>
<tr>
<td>PHYSICS 3LB Basic Physics</td>
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</tr>
<tr>
<td>PHYSICS 3C Basic Physics</td>
<td>(4)</td>
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<td>CHEM 1A General Chemistry, I (5)</td>
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<tr>
<td>CHEM 1B &amp; General Chemistry</td>
<td>CHEM 1B General Chemistry, II (5)</td>
<td></td>
</tr>
<tr>
<td>CHEM 1C &amp; General Chemistry</td>
<td>CHEM 1C General Chemistry, III (5)</td>
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</tr>
<tr>
<td>CHEM 1LC &amp; General Chemistry</td>
<td>Laboratory</td>
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<tr>
<td>CHEM 1LD &amp; General Chemistry</td>
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Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
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END OF NEUROBIOLOGY
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine                              | From: Norco College
================================================================================
====Nursing Science, B.S====

Admission to the major is limited and selective. Junior-level applicants with the highest grades overall who satisfactorily complete course prerequisites will be given preference for admission to the Nursing Science major. This major does not participate in the TAG Program.

All applicants must complete the following with grades of B or better:
- one year of general chemistry equivalent to UCI's CHEM 1A-B-C,
- 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 or PSYCH 9A or PSYCH 9B or PSYCH 9C or PSYCH 78A or PSY BEH 9 or PSY BEH 11A or PSY BEH 11B or PSY BEH 11C,
- one quarter/semester of public health equivalent to UCI's PUBHLTH 1,
- one quarter/semester of sociology equivalent to UCI's ANTHRO 2A or ANTHRO 2D or ANTHRO 41A or SOC SCI 1A or SOCIOL 1 or SOCIOL 2 or SOCIOL 3 or SOCIOL 31 or SOCIOL 44 or SOCIOL 62, and
- one quarter/semester of statistics equivalent to UCI's PSYCH 10A or SOC SCI 10A or SOCIOL 10A or STATS 7 or STATS 8

Submit a supplemental application including personal statement and volunteer experiences; a personal interview may also be required.

Applicants must have a cumulative GPA of 3.0 or higher to be considered.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospective students/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

Important: Articulation of general chemistry is based on the completion of the entire year. Students wishing information on course-to-course equivalencies (semester to quarter) should contact the Physical Sciences Student Affairs Office at: pssazot@uci.edu.
Articulation Agreement by Major  
**Effective during the 18-19 Academic Year**  
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# Articulation Agreement by Major

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**Applies to Fall 2019 and Fall 2020 Admissions**

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One course from:  
**ANTHRO 2A** Introduction to Sociocultural Anthropology | **ANT 2** Cultural Anthropology  
Same as: **LINGUIS 68** Language and Culture  
**ANTHRO 41A** Global Cultures and Society  
Same as: **INTL ST 11**  
**SOC SCI 1A** Principles in the Social Sciences  
**SOCIOL 1** Introduction to Sociology  
**SOCIOL 2** Global and International Sociology  
**SOCIOL 3** Introduction to Social Problems  
**SOCIOL 31** Introduction to Social Psychology  
Same as: **PSYCH 78A**  
**SOCIOL 44** Population  
**SOCIOL 62** Marriage and Families  

One course from:  
**PSYCH 10A** Probability and Statistics in Psychology I  
**SOC SCI 10A** Probability and Statistics in the Social Sciences I  
**SOCIOL 10A** Probability and Statistics  

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<th>Course Code</th>
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<th>Units</th>
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<td>MAT 12H Honors Statistics</td>
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Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Norco College

================================================================================
Same as: ANTHRO 10A
STATS 7 Basic Statistics (4)
STATS 8 Introduction to Biological Statistics (4)

--------------------------------------------------------------------------------
END OF NURSING SCIENCE
--------------------------------------------------------------------------------
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Norco College

================================================================================
====Pharmaceutical Sciences, B.S.====

The major in Pharmaceutical Sciences is open to all students who meet the specified course and grade requirements.

Transfer students interested in this major should apply as Pharmaceutical Sciences majors.

To enter the Pharmaceutical Sciences major, all applicants must complete the following requirements with a grade of "B" or better:

- one year of general chemistry with laboratory equivalent to UC Irvine’s Chemistry 1A-1C and 1LC-1LD, AND
- one year of biology courses equivalent to UC Irvine's Biological Sciences 93 and 94 with a grade of "B" or better in each course,
- have a cumulative GPA of 3.0 (3.4 for TAG)

Additional Requirements for Fall 2020 Enrollment:

- Complete one year of general chemistry with laboratory equivalent to UCI's Chemistry 1A/1B/1C and 1LC/1LD with a grade of B or better
- Complete one year of organic chemistry with laboratory equivalent to UCI’s Chemistry 51A/51B/51C and 51LB/51LC/51LD with a grade of B or better
- Complete one year of general biology courses equivalent to UCI’s Biological Sciences 93 and 94 with a grade of B or better
- Complete one quarter or semester of genetics equivalent to UCI’s Biological Sciences 97 with a grade of B or better
- Complete one quarter or semester of biochemistry equivalent to UCI’s Biological Sciences 98 with a grade of B or better
- Complete one quarter or semester of molecular biology equivalent to UCI’s Biological Sciences 99 with a grade of B or better

Recommended:
To complete the BS degree requirements in 2 years, transfer students will also need to complete one year of general chemistry with laboratory equivalent to UC Irvine’s Chemistry 1A-1C and 1LC-1LD AND one year of organic chemistry with laboratory equivalent to UC Irvine’s Chemistry 51A-51C and 51LB-51LC.
Transfer students must also complete 1-2 years of biology courses equivalent to UC Irvine’s Biological Sciences 93, 94, 97, 98, and 99 with a grade of "B" or better in each course; and have a cumulative GPA of 3.0 or higher.

Transfer students are advised to complete as many lower-division articulated degree requirements as possible prior to transfer. For information, contact Pharmaceutical Sciences Student Affairs at (949) 824-1991, www.pharmsci.uci.edu.

NOTE: Once enrolled at UCI, Pharmaceutical Sciences majors may take only UCI courses to satisfy major requirements.

NOTE: In fulfillment of the requirements below, a single course may be used only once.
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  
To: UC Irvine | From: Norco College  

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).


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### MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

**Warning:** Articulation of general chemistry is based on the completion of the entire year. Students wishing information on course-to-course equivalencies (semester to quarter) should contact Pharmaceutical Sciences Student Affairs at (949) 824-1991, [www.pharmsci.uci.edu](http://www.pharmsci.uci.edu).

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<tr>
<th>Course at Norco College</th>
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<td>CHEM 1B &amp; General Chemistry (4)</td>
<td>CHE 1B &amp; General Chemistry, II (5)</td>
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<td>CHEM 1C &amp; General Chemistry (4)</td>
<td>CHEM 1LC &amp; General Chemistry (2)</td>
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<tr>
<td>CHEM 1LD General Chemistry Laboratory (2)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course at Norco College</th>
<th>Equivalent at UC Irvine</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 93 From DNA to Organisms (4)</td>
<td>BIO 60 Introduction to Molecular and Cellular Biology (5)</td>
</tr>
<tr>
<td>BIO SCI 94 From Organisms to Ecosystems (4)</td>
<td>BIO 61 Introduction to Organismal and Population Biology (Majors) (5)</td>
</tr>
</tbody>
</table>

### ADDITIONAL APPROVED COURSES FOR THE MAJOR

<table>
<thead>
<tr>
<th>Course at Norco College</th>
<th>Equivalent at UC Irvine</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 97 Genetics (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 98 Biochemistry (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 99 Molecular Biology (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 100 Scientific Writing (3)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>CHEM 51A &amp; Organic Chemistry (4)</td>
<td>CHEM 12A &amp; Organic Chemistry, I (5)</td>
</tr>
<tr>
<td>CHEM 51LB Organic Chemistry Laboratory (2)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course at Norco College</th>
<th>Equivalent at UC Irvine</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 51B &amp; Organic Chemistry (4)</td>
<td>CHEM 12A &amp; Organic Chemistry, I (5)</td>
</tr>
<tr>
<td>CHEM 51C &amp; Organic Chemistry (4)</td>
<td>CHEM 12B &amp; Organic Chemistry, II (5)</td>
</tr>
<tr>
<td>CHEM 51LC Organic Chemistry Laboratory (2)</td>
<td></td>
</tr>
</tbody>
</table>

To complete the Mathematics requirement before enrolling at UCI, students must
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--------------------------------------------------------------------------------

complete two semesters of Calculus and one additional approved course in Mathematics.

| MATH 2A  | Single-Variable Calculus | (4) | MAT 1A  | Calculus I | (4) |
| MATH 2B  | Single-Variable Calculus | (4) | MAT 1B  | Calculus II | (4) |
|          |                         |     |         |            |     |
| and one of the following: | and one of the following: |
| STATS 7  | Basic Statistics        | (4) | MAT 1C  | Calculus III | (4) |
| STATS 8  | Introduction to Biological Statistics | (4) | MAT 3  | Linear Algebra | (3) |
|          |                         |     |         |            |     |
| MATH 2D  | Multivariable Calculus  | (4) | MAT 12H | Honors Statistics | (4) |
| MATH 3A  | Introduction to Linear Algebra | (4) |         |            |     |
|--------------------------------------------------------------------------------
| PHYSICS 3A  | Basic Physics | (4) | PHY 2A  | General Physics I | (4) |
| PHYSICS 3B  | Basic Physics  | (4) | PHY 2B  | General Physics II | (4) |
| PHYSICS 3LB | Basic Physics    | (1.5) | Laboratory |         |     |
| PHYSICS 3C  | Basic Physics    | (4) |         |            |     |
| PHYSICS 3LC | Basic Physics    | (1.5) | Laboratory |         |     |
| OR          | OR               |
| PHYSICS 7C  | Classical Physics | (4) | PHY 4A  | Mechanics | (4) |
| PHYSICS 7LC | Classical Physics | (1) | Laboratory |         |     |
| PHYSICS 7D  | Classical Physics | (4) | PHY 4B  | Electricity and Magnetism | (4) |
| PHYSICS 7LD | Classical Physics | (1) | Laboratory |         |     |
| PHYSICS 7E  | Classical Physics  | (4) |         |            |     |
|--------------------------------------------------------------------------------

END OF PHARMACEUTICAL SCIENCES
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========Philosophy, B.A.========

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly: www.humanities.uci.edu/undergrad/academics/lang.php

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NOTE: In fulfillment of the requirements below, a single course may be used only once.

-------------------------------

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

-------------------------------

| One course from:                  | One course from:                  |
| PHILOS 1  Introduction to Philosophy (4) | PHI 10  Introduction to Philosophy (3) |
| PHILOS 2  Puzzles and Paradoxes (4)   | PHI 10H Honors Introduction to Philosophy (3) |
| PHILOS 4  Introduction to Ethics (4)   | PHI 12  Introduction to Ethics: (3) |
| PHILOS 5  Contemporary Moral Problems (4) | PHI 12  Introduction to Ethics: (3) |

-------------------------------
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|------------------------------------------------------------------------------------------------|

<table>
<thead>
<tr>
<th>Issues</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>PHILOS 30</th>
<th>Introduction to Symbolic (4)</th>
<th>PHI 32</th>
<th>Introduction to Symbolic (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Logic</td>
<td>Same as: LPS 30</td>
<td>Logic</td>
<td>Same as: MAT 32</td>
</tr>
<tr>
<td>OR</td>
<td>MAT 32</td>
<td>Introduction to Symbolic (3)</td>
<td>Logic</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Two courses from:</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHILOS 10</td>
</tr>
<tr>
<td>PHILOS 11</td>
</tr>
<tr>
<td>PHILOS 12</td>
</tr>
<tr>
<td>PHILOS 13</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>JPN 4</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>SPA 4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>At least one course from each area for a total of four semester or six quarter courses:</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Writing, Literature, History, and Philosophy) for a total of four semester courses:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LOWER-DIVISION WRITING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 1A</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>ENG 1AH</td>
</tr>
<tr>
<td>ENG 1B</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>ENG 1BH</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>ENGLISH LITERATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 6</td>
</tr>
<tr>
<td>ENG 7</td>
</tr>
<tr>
<td>ENG 14</td>
</tr>
<tr>
<td>ENG 15</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th></th>
<th>1860 to the Present</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 40</td>
<td>World Literature I: From Ancient Literatures to the Seventeenth Century</td>
</tr>
<tr>
<td>ENG 41</td>
<td>World Literature II: Seventeenth Century Through the Present</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HISTORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 1</td>
</tr>
<tr>
<td>HIS 2</td>
</tr>
<tr>
<td>HIS 6</td>
</tr>
<tr>
<td>HIS 6H</td>
</tr>
<tr>
<td>HIS 7</td>
</tr>
<tr>
<td>HIS 7H</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PHILOSOPHY</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHI 10</td>
</tr>
<tr>
<td>PHI 10H</td>
</tr>
<tr>
<td>PHI 12</td>
</tr>
<tr>
<td>PHI 35</td>
</tr>
<tr>
<td>HUM 35</td>
</tr>
</tbody>
</table>

| HUMAN 1A & HUMAN 1B & HUMAN 1C & HUMAN 1AS & HUMAN 1BS & HUMAN 1CS |
|---&---&---&---&---&---|
| Humanities Core Lecture (4)| Humanities Core Lecture (4)| Humanities Core Lecture (4)| Humanities Core Writing (4)| Humanities Core Writing (4)| Humanities Core Writing (4) |

<table>
<thead>
<tr>
<th>OR</th>
<th>OR</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUM 4</td>
<td>Arts and Ideas: Ancient World through the Late Medieval Period (3)</td>
</tr>
<tr>
<td>HUM 4H</td>
<td>Honors Arts and Ideas: Ancient World through the Late Medieval Period (3)</td>
</tr>
<tr>
<td>HUM 5</td>
<td>Arts and Ideas: The (3)</td>
</tr>
</tbody>
</table>
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| Renaissance through the Modern Era |
| OR |
| HUM 5H Honors Arts and Ideas: (3) |
| The Renaissance through the Modern Era |
| AND |
| ENG 1A English Composition (4) |
| OR |
| ENG 1A& Honors English Composition (4) |
| ENG 1B Critical Thinking and Writing (4) |
| OR |
| ENG 1BH Honors Critical Thinking and Writing (4) |

END OF PHILOSOPHY
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====Physics, B.S.====

Preference will be given to junior-level applicants with the highest grades overall who have satisfactorily completed the following required courses:
- one year of approved calculus, and
- one year of calculus-based physics with laboratory for engineering and physics majors

Transfer students must have a cumulative GPA of 3.0 or higher.

Concentrations are offered in:
- Computational Physics,
- Philosophy of Physics, and
- Physics Education with optional Secondary Teaching Certification

A Specialization in Astrophysics is also offered.

Information is available at (949) 824-6507, ps.uci.edu.

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NOTE: In fulfillment of the requirements below, a single course may be used only once.

---

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

---

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

<table>
<thead>
<tr>
<th>Math</th>
<th>Physics</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A &amp; MATH 2B</td>
<td>PHYSICS 7C &amp; PHYSICS 7D</td>
</tr>
<tr>
<td>Single-Variable Calculus</td>
<td>Classical Physics</td>
</tr>
<tr>
<td>MAT 1A</td>
<td>PHY 4A</td>
</tr>
<tr>
<td>Calculus I</td>
<td>Mechanics</td>
</tr>
<tr>
<td>MAT 1B</td>
<td>PHY 4B</td>
</tr>
<tr>
<td>Calculus II</td>
<td>Electricity and Magnetism</td>
</tr>
<tr>
<td>PHY 4C</td>
<td>Heat, Light and Waves</td>
</tr>
</tbody>
</table>

Completion of two semesters of Physics fulfills the admissions requirement for the major, but completion of the entire sequence before transfer is highly preferred.

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ADDITIONAL APPROVED COURSES FOR THE MAJOR

<table>
<thead>
<tr>
<th>Math</th>
<th>Physics</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 52A</td>
<td>PHY 4C</td>
</tr>
<tr>
<td>Fundamentals of Experimental Physics</td>
<td>Heat, Light and Waves</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>PHYSICS 52B</th>
<th>Fundamentals of Experimental Physics</th>
<th>(2)</th>
<th>PHY 4B</th>
<th>Electricity and Magnetism</th>
<th>(4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 52C</td>
<td>Fundamentals of Experimental Physics</td>
<td>(2)</td>
<td>No course articulated</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICS 53</td>
<td>Introduction to C and Numerical Analysis</td>
<td>(4)</td>
<td>CIS 17A</td>
<td>Programming Concepts and Methodologies II: C++</td>
<td>(3)</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td>CIS 17C</td>
<td>C++ Programming: Data Structures</td>
<td>(3)</td>
<td></td>
</tr>
<tr>
<td>EECS 10</td>
<td>Computational Methods in Electrical and Computer Engineering</td>
<td>(4)</td>
<td>CIS 17A</td>
<td>Programming Concepts and Methodologies II: C++</td>
<td>(3)</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EECS 12</td>
<td>Introduction to Programming</td>
<td>(4)</td>
<td>CIS 17A</td>
<td>Programming Concepts and Methodologies II: C++</td>
<td>(3)</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td>CIS 18A</td>
<td>JAVA Programming: Objects</td>
<td>(3)</td>
<td></td>
</tr>
<tr>
<td>ENGRMAE 10</td>
<td>Introduction to Engineering Computations</td>
<td>(4)</td>
<td>CIS 17A</td>
<td>Programming Concepts and Methodologies II: C++</td>
<td>(3)</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I&amp;C SCI 31</td>
<td>Introduction to Programming</td>
<td>(4)</td>
<td>No course articulated</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>OR</td>
<td>Same as: CSE 41</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICS 60</td>
<td>Thermal Physics</td>
<td>(4)</td>
<td>No course articulated</td>
<td></td>
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</tr>
<tr>
<td>PHYSICS 61A</td>
<td>Modern Physics</td>
<td>(4)</td>
<td>No course articulated</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICS 61B</td>
<td>Modern Physics</td>
<td>(4)</td>
<td>No course articulated</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 2D</td>
<td>Multivariable Calculus</td>
<td>(4)</td>
<td>MAT 1C</td>
<td>Calculus III</td>
<td>(4)</td>
</tr>
<tr>
<td>MATH 2E</td>
<td>Multivariable Calculus</td>
<td>(4)</td>
<td>MAT 1C</td>
<td>Calculus III</td>
<td>(4)</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>Introduction to Linear Algebra</td>
<td>(4)</td>
<td>MAT 3</td>
<td>Linear Algebra</td>
<td>(3)</td>
</tr>
<tr>
<td>MATH 3D</td>
<td>Elementary Differential Equations</td>
<td>(4)</td>
<td>MAT 2</td>
<td>Differential Equations</td>
<td>(4)</td>
</tr>
<tr>
<td>PHYSICS 50</td>
<td>Mathematical Methods for Physical Science</td>
<td>(4)</td>
<td>No course articulated</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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******************************************************************************
END OF PHYSICS
******************************************************************************
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================================================================================

====Political Science, B.A.====

This major does not require completion of prerequisites for admission as a transfer student.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

================================================================================

Five Lower Division Courses in Political Science:

Four courses must be chosen from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Articulated with</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL SCI 11A &amp;</td>
<td>Introduction to Political Science: Political Analysis</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>POL SCI 11B &amp;</td>
<td>Introduction to Political Science: Macropolitics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>POL SCI 11C</td>
<td>Introduction to Political Science: Micropolitics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>POL SCI 21A</td>
<td>Introduction to American Government</td>
<td>4</td>
<td>POL 1 American Politics (3)</td>
</tr>
<tr>
<td>POL SCI 31A</td>
<td>Introduction to Political Theory</td>
<td>4</td>
<td>POL 11 Political Theory (3)</td>
</tr>
<tr>
<td>POL SCI 41A</td>
<td>Introduction to International Relations</td>
<td>4</td>
<td>POL 4 Introduction to World Politics</td>
</tr>
<tr>
<td>POL SCI 51A</td>
<td>Introduction to Politics Around the World</td>
<td>4</td>
<td>POL 2 Comparative Politics (3)</td>
</tr>
<tr>
<td>POL SCI 61A</td>
<td>Introduction to Race and Ethnicity in Political Science</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>POL SCI 71A</td>
<td>Introduction to Law</td>
<td>4</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

Same as: INTL ST 14

POL SCI 1H Honors American Politics (3)

POL 4H Honors Introduction to World Politics (3)

POL 2H Honors Comparative Politics (3)

---
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One additional course in Political Science not used above:
| POL 1     American Politics (3)
| OR
| POL 1H    Honors American Politics (3)
| POL 2     Comparative Politics (3)
| POL 4     Introduction to World Politics (3)
| OR
| POL 4H    Honors Introduction to World Politics (3)
| POL 11    Political Theory (3)

AND

One additional course in Political Science or other Social Science discipline:
| ANT 1     Physical Anthropology (3)
| ANT 2     Cultural Anthropology (3)
| ANT 4     Native American Cultures (3)
| ANT 7     Anthropology of Religion (3)
| ANT 8     Language and Culture (3)
| ECO 4     Introduction to Economics (3)
| ECO 7     Principles of Macroeconomics (3)
| OR
| ECO 7H    Honors Principles of Macroeconomics (3)
| ECO 8     Principles of Microeconomics (3)
| ENG 16    Introduction to Linguistics (3)
| GEG 1     Physical Geography (3)
| GEG 1H    Honors Physical Geography (3)
| POL 1     American Politics (3)
| OR
| POL 1H    Honors American Politics (3)
| POL 2     Comparative Politics (3)
| OR
| POL 4     Introduction to World Politics (3)
| OR
| POL 4H    Honors Introduction to World Politics (3)
| POL 11    Political Theory (3)
| PSY 1     General Psychology (3)
| PSY 2     Biological Psychology (3)
| PSY 9     Developmental Psychology (3)
| PSY 33    Theories of Personality (3)
| PSY 35    Abnormal Psychology (3)
| SOC 1     Introduction to Sociology (3)
| SOC 2     American Social Problems (3)
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|SOC 10 Race and Ethnic Relations (3) |
|SOC 12 Marriage and Family Relations (3) |

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**SCHOOL OF SOCIAL SCIENCES MATH REQUIREMENT:** All students are required to take either: 1) One semester of calculus and one semester of statistics, or 2) Two quarters of calculus and one of statistics, or 3) One year of statistics.

| MATH 2A & Single-Variable Calculus (4) | MAT 1A & Calculus I (4) |
| MATH 2B & Single-Variable Calculus (4) | MAT 12 Statistics (4) |
| STATS 7 Basic Statistics (4) | OR |
| OR | MAT 12H Honors Statistics (4) |
| MGMT 7 Statistics for Business Decision Making (4) |
| OR | OR |
| SOC SCI 10A Probability and Statistics in the Social Sciences I (4) | No course articulated |
| SOC SCI 10B Probability and Statistics in the Social Sciences II (4) |
| SOC SCI 10C Probability and Statistics in the Social Sciences III (4) |

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In addition to the School of Social Sciences Math Requirement, all students are required to take coursework equivalent to I&C SCI 31 or SOC SCI 3A.

| I&C SCI 31 Introduction to Programming (4) | No course articulated |
| Same as: CSE 41 |
| OR | OR |
| SOC SCI 3A Computer-Based Research in the Social Sciences (4) | No course articulated—Course must be completed at UCI |

---

**END OF POLITICAL SCIENCE**
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  
To: UC Irvine  |  From: Norco College  
================================================================================================

====Psychological Science, B.A.====  
(previously Psychology and Social Behavior, B.A.)

This major does not require completion of prerequisites for admission as a transfer student.  
================================================================================================

**NOTE:** In fulfillment of the requirements below, a single course may be used only once.  
================================================================================================

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).


<table>
<thead>
<tr>
<th>PSY BEH 11A</th>
<th>Psychology Fundamentals</th>
<th>(4)</th>
<th>PSY 1 &amp; General Psychology</th>
<th>(3)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>PSY 2 Biological Psychology</td>
<td>(3)</td>
</tr>
<tr>
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<td></td>
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<table>
<thead>
<tr>
<th>PSY BEH 11B</th>
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<th>(4)</th>
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<tbody>
<tr>
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<table>
<thead>
<tr>
<th>PSY BEH 11C</th>
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<th>(4)</th>
<th>PSY 1 &amp; General Psychology</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>PSY 35 Abnormal Psychology</td>
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<table>
<thead>
<tr>
<th>CRM/LAW C7</th>
<th>Introduction to Criminology, Law and Society</th>
<th>(4)</th>
<th>ADJ 1 Introduction to the Administration of Justice</th>
<th>(3)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>SOCECOL E8</th>
<th>Introduction to Environmental Analysis and Design</th>
<th>(4)</th>
<th>BIO 19 Environmental Science</th>
<th>(3)</th>
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</thead>
<tbody>
<tr>
<td>OR</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>PPD 4</td>
<td>Introduction to Urban Studies</td>
<td>(4)</td>
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<table>
<thead>
<tr>
<th>SOCECOL 10</th>
<th>Research Design</th>
<th>(4)</th>
<th>PSY 50 Research Methods in Psychology</th>
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<tbody>
<tr>
<td>OR</td>
<td>SOC 50 Introduction to Social Research Methods</td>
<td>(3)</td>
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</table>

<table>
<thead>
<tr>
<th>SOCECOL 13</th>
<th>Statistical Analysis in Social Ecology</th>
<th>(4)</th>
<th>MAT 12 Statistics</th>
<th>(4)</th>
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</thead>
<tbody>
<tr>
<td>OR</td>
<td>MAT 12H Honors Statistics</td>
<td>(4)</td>
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</table>

END OF PSYCHOLOGICAL SCIENCE
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  
To: UC Irvine | From: Norco College  
==========================================================================

====Psychology, B.A.====

This major does not require completion of prerequisites for admission as a transfer student.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).


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<tbody>
<tr>
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<td>Same as: PSY BEH 11A</td>
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<tbody>
<tr>
<td>PSYCH 9B</td>
<td>Psychology Fundamentals</td>
<td>(4)</td>
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<td></td>
<td>Same as: PSY BEH 11B</td>
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<tbody>
<tr>
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<td>Psychology Fundamentals</td>
<td>(4)</td>
</tr>
<tr>
<td></td>
<td>Same as: PSY BEH 11C</td>
<td></td>
</tr>
</tbody>
</table>

One additional lower-division Psychology course:  
| | One additional course from: |
| | | PSY 9 Developmental Psychology | (3) |
| | | PSY 33 Theories of Personality | (3) |
| | | PSY 50 Research Methods in Psychology | (4) |
| | | SOC 50 Introduction to Social Research Methods | (3) |

Two courses from:  
| | Two courses from: |
| | | ANTHRO 2A Introduction to Sociocultural Anthropology | (4) |
| | | ANT 2 Cultural Anthropology | (3) |
| | | ANTHRO 2B Introduction to Biological Anthropology | (4) |
| | | ANT 1 Physical Anthropology | (3) |
| | | ANTHRO 2D Introduction to Language and Culture | (4) |
| | | ANT 8 Language and Culture | (3) |
| | | Same as: LINGUIS 68 |
| | | ECON 1 Introduction to Economics | (4) |
| | | ECO 7 Principles of Macroeconomics |
| | | OR ECO 7H Honors Principles of Macroeconomics |
| | | OR ECO 8 Principles of Microeconomics | (3) |
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
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To: UC Irvine  |  From: Norco College

| 
| 
| 

| (4) | (3) |
| LINGUIS 3 | Introduction to Linguistics | ENG 16 | Introduction to Linguistics |
| POL SCI 11C | Introduction to Political Science: Micropolitics | (4) | No course articulated |
| SOC SCI 5A | Introduction to Human Geography | (4) | GEG 1 | Physical Geography |
| | | | OR | GEG 1H | Honors Physical Geography |
| Sociol 1 | Introduction to Sociology | (4) | SOC 1 | Introduction to Sociology |
| Sociol 2 | Global and International Sociology | (4) | No course articulated |
| Sociol 3 | Introduction to Social Problems | (4) | SOC 2 | American Social Problems |

**SCHOOL OF SOCIAL SCIENCES MATH REQUIREMENT:** All students are required to take either: 1) One semester of calculus and one semester of statistics, or 2) Two quarters of calculus and one of statistics, or 3) One year of statistics.

| (4) | (4) |
| MATH 2A | Single-Variable Calculus | MAT 1A | Calculus I |
| MATH 2B | Single-Variable Calculus | MAT 12 | Statistics |
| STATS 7 | Basic Statistics | OR | MAT 12H | Honors Statistics |
| MGMT 7 | Statistics for Business Decision Making | OR |
| SOC SCI 10A | Probability and Statistics in the Social Sciences I | (4) | No course articulated |
| SOC SCI 10B | Probability and Statistics in the Social Sciences II | (4) |
| SOC SCI 10C | Probability and Statistics in the Social Sciences III | (4) |

In addition to the School of Social Sciences Math Requirement, all students are required to take coursework equivalent to I&C SCI 31 or SOC SCI 3A.

| (4) | (4) | (4) |
| I&C SCI 31 | Introduction to Programming | No course articulated | Same as: CSE 41 |
| | OR | OR |
| SOC SCI 3A | Computer-Based Research | No course articulated-Course must be completed at UCI in the Social Sciences |

END OF PSYCHOLOGY
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Norco College
================================================================================

====Public Health Policy, B.A.====

Junior-level applicants with the highest grades overall who satisfactorily complete lower-division requirements will be given preference for admission to the major.

All applicants must have and complete the following:
- a minimum overall GPA of 3.0,
- a minimum cumulative GPA of 3.0 in all required courses, and
- one year of social science courses in any combination of the following topics: anthropology, economics, social ecology, political science, psychology, and/or sociology

NOTE: After matriculation, all courses required for Public Health majors must be successfully completed at UCI.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

One year of social science courses in any combination of the following topics: anthropology, economics, social ecology, political science, psychology, and/or sociology

Three quarters of social and behavioral science courses, with at least two in the same discipline selected from below:

ANTHRO 2A Introduction to Sociocultural Anthropology (4)|ANT 2 Cultural Anthropology (3)
ANTHRO 2B Introduction to Biological Anthropology (4)|ANT 1 Physical Anthropology (3)
ANTHRO 2C Introduction to Archaeology (4)|ANT 6 Introduction to Archaeology (3)
ANTHRO 2D Introduction to Language and Culture (4)|ANT 8 Language and Culture (3)
Same as: LINGUIS 68

ECONOMICS
### Articulation Agreement by Major

**Effective during the 18-19 Academic Year**

**Applies to Fall 2019 and Fall 2020 Admissions**

**To:** UC Irvine  
**From:** Norco College

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<table>
<thead>
<tr>
<th>ECON 1</th>
<th>Introduction to Economics</th>
<th>(4)</th>
<th>ECO 7</th>
<th>Principles of Macroeconomics</th>
<th>(3)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>OR</td>
<td>ECO 7H Honors Principles of Macroeconomics</td>
<td>(3)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OR</td>
<td>ECO 8</td>
<td>Principles of Microeconomics</td>
</tr>
</tbody>
</table>

**ECON 13 Global Economy** | (4) | No course articulated

*Same as: INTL ST 13*

<table>
<thead>
<tr>
<th>ECON 20A</th>
<th>Basic Economics I</th>
<th>(4)</th>
<th>ECO 8</th>
<th>Principles of Microeconomics</th>
<th>(3)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>OR</td>
<td></td>
<td>ECO 7H Honors Principles of Macroeconomics</td>
<td>(3)</td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>ECON 20B</th>
<th>Basic Economics II</th>
<th>(4)</th>
<th>ECO 7</th>
<th>Principles of Macroeconomics</th>
<th>(3)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>OR</td>
<td></td>
<td>ECO 7H Honors Principles of Macroeconomics</td>
<td>(3)</td>
<td></td>
</tr>
</tbody>
</table>

### SOCIAL ECOLOGY

| SOCECOL E8 | Introduction to Environmental Analysis and Design | (4) | BIO 19 | Environmental Science | (3) |

### POLITICAL SCIENCE

<table>
<thead>
<tr>
<th>POL SCI 11C</th>
<th>Introduction to Political Science: Micropolitics</th>
<th>(4)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL SCI 31A</td>
<td>Introduction to Political Theory</td>
<td>(4)</td>
<td>POL 11</td>
</tr>
<tr>
<td>POL SCI 51A</td>
<td>Introduction to Politics Around the World</td>
<td>(4)</td>
<td>POL 2</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td></td>
<td>POL 2H</td>
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</table>

### PSYCHOLOGY

<table>
<thead>
<tr>
<th>PSY BEH 9</th>
<th>Introduction to Psychology</th>
<th>(4)</th>
<th>PSY 1</th>
<th>General Psychology</th>
<th>(3)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Same as: PSYCH 7A</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

### SOCIOLOGY

<table>
<thead>
<tr>
<th>SOCIOL 1</th>
<th>Introduction to Sociology</th>
<th>(4)</th>
<th>SOC 1</th>
<th>Introduction to Sociology</th>
<th>(3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCIOL 2</td>
<td>Global and International Sociology</td>
<td>(4)</td>
<td>No course articulated</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOCIOL 3</td>
<td>Introduction to Social Problems</td>
<td>(4)</td>
<td>SOC 2</td>
<td>American Social Problems</td>
<td>(3)</td>
</tr>
</tbody>
</table>

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**ADDITIONAL APPROVED COURSES FOR THE MAJOR**
### Articulation Agreement by Major

**Effective during the 18-19 Academic Year**  
**Applies to Fall 2019 and Fall 2020 Admissions**

To: UC Irvine  
From: Norco College

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Articulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUBHLTH 1</td>
<td>Principles of Public Health</td>
<td>4</td>
<td>No course articulated</td>
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<tr>
<td>PUBHLTH 2</td>
<td>Case Studies in Public Health Practice</td>
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Three courses from Biological Sciences:  
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Articulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 9A</td>
<td>Nutrition Science</td>
<td>4</td>
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<tr>
<td>BIO SCI 9D</td>
<td>Diseases of the Twenty-First Century</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 9G</td>
<td>Way Your Body Works</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 9J</td>
<td>Biology of Oriental Medicine</td>
<td>4</td>
<td>No course articulated</td>
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<tr>
<td>BIO SCI 9N</td>
<td>Introduction to Complementary and Alternative Medicine</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 10</td>
<td>The Biology of Human Diseases</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 12B</td>
<td>Disease and Civilization</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 12D</td>
<td>Molecular Basis of Human Disease</td>
<td>4</td>
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<td>BIO SCI 25</td>
<td>Biology of Cancer</td>
<td>4</td>
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<td>BIO SCI 30</td>
<td>Biomedical Ethics</td>
<td>4</td>
<td>No course articulated</td>
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<tr>
<td>BIO SCI 35</td>
<td>The Brain and Behavior</td>
<td>4</td>
<td>No course articulated</td>
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<tr>
<td>BIO SCI 36</td>
<td>Drugs and the Brain</td>
<td>4</td>
<td>No course articulated</td>
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<tr>
<td>BIO SCI 37</td>
<td>Brain Dysfunction and Repair</td>
<td>4</td>
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<td>BIO SCI 45</td>
<td>AIDS Fundamentals</td>
<td>4</td>
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</tr>
<tr>
<td>BIO SCI 93</td>
<td>From DNA to Organisms</td>
<td>4</td>
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<tr>
<td>BIO 60</td>
<td>Introduction to Molecular and Cellular Biology</td>
<td>5</td>
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</table>

Students must complete one semester of calculus and one semester of statistics to complete the mathematics requirement.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Articulation</th>
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<tbody>
<tr>
<td>MATH 2A</td>
<td>Single-Variable Calculus</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MAT 1A</td>
<td>Calculus I</td>
<td>4</td>
<td>OR</td>
</tr>
<tr>
<td>MATH 2B</td>
<td>Single-Variable Calculus</td>
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</tr>
<tr>
<td>MAT 1B</td>
<td>Calculus II</td>
<td>4</td>
<td>OR</td>
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<td>Single-Variable Calculus</td>
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<td>STATS 7</td>
<td>Basic Statistics</td>
<td>4</td>
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<td>MAT 12</td>
<td>Statistics</td>
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<td>STATS 8</td>
<td>Introduction to Biological Statistics</td>
<td>4</td>
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</tr>
<tr>
<td>MAT 12H</td>
<td>Honors Statistics</td>
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<td>OR</td>
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END OF PUBLIC HEALTH POLICY
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Norco College

------------------------------------------------------------------------

====Public Health Sciences, B.S====

Junior-level applicants with the highest grades overall who satisfactorily complete lower-division requirements will be given preference for admission to the major.

All applicants must have and complete the following:
- a minimum overall GPA of 3.0,
- a minimum cumulative GPA of 3.0 in all required courses,
- one year of general chemistry with laboratory, and
- one year of courses equivalent to UCI's BIO SCI 93 & BIO SCI 94

NOTE: After matriculation, all courses required for Public Health majors must be successfully completed at UCI.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospective students/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

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MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

Important: Articulation of general chemistry is based on the completion of the entire year. Students wishing information on course-to-course equivalencies (semester to quarter) should contact the Physical Sciences Student Affairs Office at: pssazot@uci.edu.

| CHEM 1A & General Chemistry (4) | CHEM 1B & General Chemistry (4) |
| CHEM 1C & General Chemistry (4) | CHEM 1LC & General Chemistry (2) |
| CHEM 1LD General Chemistry Laboratory (2) |

| BIO SCI 93 From DNA to Organisms (4) | BIO 60 Introduction to Molecular and Cellular Biology (5) |

| BIO SCI 94 From Organisms to Ecosystems (4) | BIO 61 Introduction to Organismal and Population Biology (Majors) (5) |

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ADDITIONAL APPROVED COURSES FOR THE MAJOR
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Norco College

PUBHLTH 1 Principles of Public Health (4) | No course articulated

PUBHLTH 2 Case Studies in Public Health Practice (4) | No course articulated

BIO SCI 97 Genetics (4) | No course articulated

BIO SCI 98 Biochemistry (4) | No course articulated

BIO SCI 99 Molecular Biology (4) | No course articulated

CHEM 51A & Organic Chemistry (4) | CHEM 12A Organic Chemistry, I (5)
CHEM 51LB Organic Chemistry Laboratory (2)

CHEM 51B & Organic Chemistry (4) | CHEM 12A Organic Chemistry, I (5)
CHEM 51C & Organic Chemistry (4) | CHEM 12B Organic Chemistry, II (5)
CHEM 51LC Organic Chemistry Laboratory (2)

Students must complete one semester of calculus and one semester of statistics to complete the mathematics requirement.

MATH 2A Single-Variable Calculus (4) | MAT 1A Calculus I (4)
MATH 2B Single-Variable Calculus (4) | MAT 1B Calculus II (4)
MATH 2A & Single-Variable Calculus (4) | MAT 1A & Calculus I (4)
MATH 2B & Single-Variable Calculus (4) | MAT 1B & Calculus II (4)

STATS 7 Basic Statistics (4) | MAT 12 Statistics (4)
STATS 8 Introduction to Biological Statistics (4) | MAT 12H Honors Statistics (4)

Three quarters of social and behavioral science courses, with at least two in the same discipline selected from:

ANTHRO 2A Introduction to Sociocultural Anthropology (4) | ANT 2 Cultural Anthropology (3)
ANTHRO 2B Introduction to Biological Anthropology (4) | ANT 1 Physical Anthropology (3)
ANTHRO 2C Introduction to Archaeology (4) | ANT 6 Introduction to Archaeology (3)
ANTHRO 2D Introduction to Language and Culture (4) | ANT 8 Language and Culture (3)
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine                                | From: Norco College

================================================================================
Same as: LINGUIS 68

ECONOMICS

ECON 1  Introduction to Economics (4) | ECO 7  Principles of (3) Macroeconomics
| OR
| ECO 7H  Honors Principles of (3) Macroeconomics
| OR
| ECO 8  Principles of (3) Microeconomics

ECON 13  Global Economy (4) | No course articulated
Same as: INTL ST 13

ECON 20A  Basic Economics I (4) | ECO 8  Principles of (3) Microeconomics
| OR
| ECO 7  Principles of (3) Macroeconomics

ECON 20B  Basic Economics II (4) | ECO 7  Principles of (3) Macroeconomics
| OR
| ECO 7H  Honors Principles of (3) Macroeconomics

SOCIAL ECOLOGY

SOCECOL E8  Introduction to (4) | BIO 19  Environmental Science (3)
Environmental Analysis
and Design

POLITICAL SCIENCE

POL SCI 11C  Introduction to (4) | No course articulated
Political Science: Micropolitics
| Micropolitics
| Micropolitics

POL SCI 31A  Introduction to (4) | POL 11  Political Theory (3)
Political Theory

POL SCI 51A  Introduction to (4) | POL 2  Comparative Politics (3)
Politics Around the World
| OR
| POL 2H  Honors Comparative (3) Politics

PSYCHOLOGY

PSY BEH 9  Introduction to (4) | PSY 1  General Psychology (3)
Psychology

SOCIOMETRY

SOCIOL 1  Introduction to Sociology (4) | SOC 1  Introduction to Sociology (3)
SOCIO 2  Global and International Sociology (4) | No course articulated
SOCIO 3  Introduction to Social (4) | SOC 2  American Social Problems (3)
Articulation Agreement by Major
Effective during the 18-19 Academic Year
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To: UC Irvine | From: Norco College
================================================================================
Problems

END OF PUBLIC HEALTH SCIENCES

================================================================================
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
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To: UC Irvine | From: Norco College  
===================================================================  

====Quantitative Economics, B.A.====  

Transfer applicants with the highest grades overall who have satisfactorily completed course prerequisites will be given preference for admission.

All applicants must complete the following required courses with a grade of B or better in each course:
- one course in microeconomics,
- one course in macroeconomics,
- two quarters or two semesters of approved first-year calculus, and
- one quarter or one semester of approved linear algebra

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospective students/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospective students/undergraduateadmissions/#ap).


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**MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 20A</td>
<td>Basic Economics I</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>ECON 20B</td>
<td>Basic Economics II</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MATH 2A</td>
<td>Single-Variable Calculus</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MATH 2B</td>
<td>Single-Variable Calculus</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MATH 3A</td>
<td>Introduction to Linear Algebra</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MATH 6G</td>
<td>Linear Algebra</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MATH 4</td>
<td>Mathematics for Economists</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 1A</td>
<td>Calculus I</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MAT 1B</td>
<td>Calculus II</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MAT 3</td>
<td>Linear Algebra</td>
<td>3</td>
<td></td>
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<tr>
<td>MAT 1C</td>
<td>Calculus III</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MAT 3</td>
<td>Linear Algebra</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Two introductory Social Science courses in disciplines other than Economics:  
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 1</td>
<td>Physical Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANT 2</td>
<td>Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANT 8</td>
<td>Language and Culture</td>
<td>3</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major
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<table>
<thead>
<tr>
<th>ENG 16</th>
<th>Introduction to Linguistics</th>
<th>(3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEG 1</td>
<td>Physical Geography</td>
<td>(3)</td>
</tr>
<tr>
<td>PSY 1</td>
<td>General Psychology</td>
<td>(3)</td>
</tr>
<tr>
<td>SOC 1</td>
<td>Introduction to Sociology</td>
<td>(3)</td>
</tr>
</tbody>
</table>

In addition to the School of Social Sciences Math Requirement, all students are required to take coursework equivalent to I&C SCI 31 or SOC SCI 3A.

<table>
<thead>
<tr>
<th>I&amp;C SCI 31</th>
<th>Introduction to Programming</th>
<th>(4)</th>
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<tbody>
<tr>
<td></td>
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<td></td>
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<tr>
<td></td>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOC SCI 3A</td>
<td>Computer-Based Research</td>
<td>(4)</td>
<td>No course articulated</td>
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<td></td>
<td>OR</td>
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</table>

END OF QUANTITATIVE ECONOMICS
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  
To: UC Irvine  | From: Norco College  

================================================================================

====Religious Studies, B.A.====

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly: www.humanities.uci.edu/undergrad/academics/lang.php

NOTE: Religious Studies courses not articulated below may be applied toward the major upon petition.

Religious Studies majors must choose an emphasis in one of the following:
- Judaism/Christianity/Islam
- World Religious Traditions

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

<table>
<thead>
<tr>
<th>REL STD 5A &amp; World Religions I</th>
<th>REL STD 5B &amp; World Religions II</th>
<th>REL STD 5C Inter-Religious</th>
</tr>
</thead>
<tbody>
<tr>
<td>Same as: HISTORY 16A</td>
<td>Same as: HISTORY 16B</td>
<td></td>
</tr>
<tr>
<td>(4)</td>
<td>(4)</td>
<td>(4)</td>
</tr>
<tr>
<td>HUM 10</td>
<td>HUM 10</td>
<td>No course articulated - Course must</td>
</tr>
<tr>
<td>World Religions</td>
<td>World Religions</td>
<td></td>
</tr>
<tr>
<td>(3)</td>
<td>(3)</td>
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<tr>
<td>OR</td>
<td>OR</td>
<td></td>
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<tr>
<td>HUM 10H</td>
<td>HUM 10H</td>
<td></td>
</tr>
<tr>
<td>Honors World Religions</td>
<td>Honors World Religions</td>
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<tr>
<td>(3)</td>
<td>(3)</td>
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</tbody>
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Articulation Agreement by Major
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<table>
<thead>
<tr>
<th>Dialogue</th>
<th>be taken at UCI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Same as: HISTORY 16C</td>
<td></td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Course work equivalent to UCI's sixth quarter of study in a single language (other than English (at the college level))</th>
<th>OR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JPN 4 Japanese 4</td>
<td>SPA 4 Spanish 4</td>
</tr>
</tbody>
</table>

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At least one course from each area for a total of four semester or six quarter courses: (Writing, Literature, History, and Philosophy) for a total of four semester courses:

### LOWER-DIVISION WRITING

<table>
<thead>
<tr>
<th>WRITING</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 1A English Composition 4</td>
<td>OR</td>
</tr>
<tr>
<td>ENG 1AH Honors English Composition 4</td>
<td></td>
</tr>
<tr>
<td>ENG 1B Critical Thinking and Writing 4</td>
<td>OR</td>
</tr>
<tr>
<td>ENG 1BH Honors Critical Thinking and Writing 4</td>
<td></td>
</tr>
</tbody>
</table>

### ENGLISH LITERATURE

<table>
<thead>
<tr>
<th>LITERATURE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 6 British Literature I: Anglo-Saxon through Eighteenth Century 3</td>
<td></td>
</tr>
<tr>
<td>ENG 7 British Literature II: Romanticism through Postmodernity 3</td>
<td></td>
</tr>
<tr>
<td>ENG 14 American Literature I: Pre-Contact through Civil War 3</td>
<td></td>
</tr>
<tr>
<td>ENG 15 American Literature II: 1860 to the Present 3</td>
<td></td>
</tr>
<tr>
<td>ENG 40 World Literature I: From Ancient Literatures to the Seventeenth Century 3</td>
<td></td>
</tr>
<tr>
<td>ENG 41 World Literature II: Seventeenth Century Through the Present 3</td>
<td></td>
</tr>
</tbody>
</table>

### HISTORY

<table>
<thead>
<tr>
<th>HISTORY</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 1 History of World Civilizations I 3</td>
<td>OR</td>
</tr>
<tr>
<td>HIS 2 History of World Civilizations II 3</td>
<td></td>
</tr>
<tr>
<td>HIS 6 Political and Social History of the United States 3</td>
<td></td>
</tr>
</tbody>
</table>

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Articulation Agreement by Major
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| HIS 6H | Honors Political and Social History of the United States (3) |
| HIS 7 | Political and Social History of the United States (3) |
| OR | HIS 7H | Honors Political and Social History of the United States (3) |

PHILOSOPHY

| PHI 10 | Introduction to Philosophy (3) |
| OR | PHI 10H | Honors Introduction to Philosophy (3) |
| PHI 12 | Introduction to Ethics: Contemporary Moral Issues (3) |
| PHI 35 | Philosophy of Religion (3) Same as: HUM 35 |
| OR | HUM 35 | Philosophy of Religion (3) Same as: PHI 35 |

OR

HUMAN 1A & Humanities Core Lecture (4) | HUM 4 | Arts and Ideas: Ancient World through the Late Medieval Period (3) |
HUMAN 1B & Humanities Core Lecture (4) | World through the Late Medieval Period |
HUMAN 1C & Humanities Core Lecture (4) | OR | HUMAN 1BS & Humanities Core Writing (4) | HUM 4H & Honors Arts and Ideas: Ancient World through the Late Medieval Period (3) |
HUMAN 1CS & Humanities Core Writing (4) | OR | HUM 5 | Arts and Ideas: The Renaissance through the Modern Era (3) |
| OR | HUM 5H | Honors Arts and Ideas: The Renaissance through the Modern Era (3) |
| AND | ENG 1A & English Composition (4) |
| OR | ENG 1AH & Honors English Composition (4) |
| ENG 1B & Critical Thinking and Writing (4) |
| OR | ENG 1BH | Honors Critical Thinking and Writing (4) |
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine  |  From: Norco College

================================================================================

END OF RELIGIOUS STUDIES
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine                                      | From: Norco College
=================================================================================================================================

==Social Ecology, B.A.==

This major does not require completion of prerequisites for admission as a transfer student.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).


<table>
<thead>
<tr>
<th>CRM/LAW C7</th>
<th>Introduction to Criminology, Law and Society (4)</th>
<th>ADJ 1 Introduction to the Administration of Justice (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCECOL E8</td>
<td>Introduction to Environmental Analysis and Design (4)</td>
<td>BIO 19 Environmental Science (3)</td>
</tr>
<tr>
<td>PPD 4</td>
<td>Introduction to Urban Studies (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>PSY BEH 9</td>
<td>Introduction to Psychology (4)</td>
<td>PSY 1 General Psychology (3)</td>
</tr>
<tr>
<td></td>
<td>Same as: PSYCH 7A</td>
<td></td>
</tr>
<tr>
<td>PSY BEH 11B</td>
<td>Psychology Fundamentals (4)</td>
<td>No course articulated-Course must be taken at UCI</td>
</tr>
<tr>
<td></td>
<td>Same as: PSYCH 9B</td>
<td></td>
</tr>
<tr>
<td>PSY BEH 11C</td>
<td>Psychology Fundamentals (4)</td>
<td>PSY 1 General Psychology (3)</td>
</tr>
<tr>
<td></td>
<td>Same as: PSYCH 9C</td>
<td></td>
</tr>
<tr>
<td>SOCECOL 10</td>
<td>Research Design (4)</td>
<td>PSY 50 Research Methods in Psychology (4)</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td>SOC 50 Introduction to Social Research Methods (3)</td>
</tr>
<tr>
<td>SOCECOL 13</td>
<td>Statistical Analysis in Social Ecology (4)</td>
<td>MAT 12 Statistics (4)</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td>MAT 12H Honors Statistics (4)</td>
</tr>
</tbody>
</table>

END OF SOCIAL ECOLOGY
Articulation Agreement by Major  
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================================================================================  
====Social Policy and Public Service, B.A.====  
This major replaces the Social Science major and does not require completion of prerequisites for admission as a transfer student.  
================================================================================  
Students majoring in Social Policy and Public Service must choose an area of study to further their upper-division work in either:  
- Education,  
- Governance, or  
- Health  
================================================================================  
NOTE: In fulfillment of the requirements below, a single course may be used only once.  
================================================================================  
For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.  
For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.  
--------------------------------------------------------------------------------  
SOC SCI 1A & Principles in the Social Sciences (4) | No course articulated | Courses must be completed at UCI  
SOC SCI 2A & Introduction to Social Science Analysis (4) |  
SOC SCI 3A & Computer-Based Research in the Social Sciences (4) |  
--------------------------------------------------------------------------------  
SOC SCI 40 & Social Policy and Public Service (4) | No course articulated |  
--------------------------------------------------------------------------------  
SOC SCI 70C & Comparing Cultures (4) | No course articulated |  
OR  
SOCIO 63 & Race and Ethnicity (4) | SOC 10 & Race and Ethnic Relations (3) |  
--------------------------------------------------------------------------------  
SCHOOL OF SOCIAL SCIENCES MATH REQUIREMENT: All students are required to take either: 1) One semester of calculus and one semester of statistics, or 2) Two quarters of calculus and one of statistics, or 3) One year of statistics.  
--------------------------------------------------------------------------------  
MATH 2A & Single-Variable Calculus (4) | MAT 1A & Calculus I (4) |  
MATH 2B & Single-Variable Calculus (4) | MAT 12 & Statistics (4) |  
STATS 7 & Basic Statistics (4) | OR  
OR | MAT 12H & Honors Statistics (4)  
MGMT 7 & Statistics for Business Decision Making (4) |  
OR |  
SOC SCI 10A & Probability and Statistics in the Social Sciences I (4) | No course articulated |
Articulation Agreement by Major  
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<table>
<thead>
<tr>
<th>To: UC Irvine</th>
<th>From: Norco College</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC SCI 10B &amp; Probability and Statistics in the Social Sciences II (4)</td>
<td></td>
</tr>
<tr>
<td>SOC SCI 10C Probability and Statistics in the Social Sciences III (4)</td>
<td></td>
</tr>
</tbody>
</table>

In addition to the School of Social Sciences Math Requirement, all students are required to take coursework equivalent to I&C SCI 31 or SOC SCI 3A.

<table>
<thead>
<tr>
<th>I&amp;C SCI 31</th>
<th>Introduction to Programming (4)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Same as: CSE 41</td>
<td></td>
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<tr>
<td>OR</td>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>SOC SCI 3A</td>
<td>Computer-Based Research (4)</td>
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<tr>
<td></td>
<td>in the Social Sciences</td>
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</table>

END OF SOCIAL POLICY AND PUBLIC SERVICE
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  
To: UC Irvine  |  From: Norco College  
================================================================================================

====Sociology, B.A.====

This major does not require completion of prerequisites for admission as a transfer student.

------------------------------------------
NOTE: In fulfillment of the requirements below, a single course may be used only once.

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For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).


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<table>
<thead>
<tr>
<th>Sociology</th>
<th>Sociology</th>
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</thead>
<tbody>
<tr>
<td>SOCIOL 1</td>
<td>SOC 1</td>
</tr>
<tr>
<td>Introduction to Sociology (4)</td>
<td>Introduction to Sociology (3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sociology</th>
<th>Sociology</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCIOL 2</td>
<td>SOC 2</td>
</tr>
<tr>
<td>Global and International Sociology (4)</td>
<td>American Social Problems (3)</td>
</tr>
<tr>
<td>OR</td>
<td>OR</td>
</tr>
<tr>
<td>SOCIOL 3</td>
<td>SOCIOL 2</td>
</tr>
<tr>
<td>Introduction to Social Problems (4)</td>
<td></td>
</tr>
</tbody>
</table>

One additional introductory course from another Social Science discipline:

| ANT 1 | Physical Anthropology (3) |
| ANT 2 | Cultural Anthropology (3) |
| ANT 8 | Language and Culture (3)  |
| ECO 7 | Principles of Macroeconomics (3) |
| ECO 7H| Honors Principles of Macroeconomics (3) |
| ECO 8 | Principles of Microeconomics (3)  |
| ENG 16| Introduction to Linguistics (3) |
| GEG 1 | Physical Geography (3) |
| GEG 1H| Honors Physical Geography (3) |
| PSY 1 | General Psychology (3) |

One additional Social Science course:

| POL 1 | American Politics (3) |
| POL 1H| Honors American Politics (3) |
| POL 2 | Comparative Politics (3) |
| POL 4 | Introduction to World Politics (3) |

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This major does not require completion of prerequisites for admission as a transfer student.

------------------------------------------
NOTE: In fulfillment of the requirements below, a single course may be used only once.

------------------------------------------
For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap).


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<table>
<thead>
<tr>
<th>Sociology</th>
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<tbody>
<tr>
<td>SOCIOL 1</td>
<td>SOC 1</td>
</tr>
<tr>
<td>Introduction to Sociology (4)</td>
<td>Introduction to Sociology (3)</td>
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<th>Sociology</th>
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</thead>
<tbody>
<tr>
<td>SOCIOL 2</td>
<td>SOC 2</td>
</tr>
<tr>
<td>Global and International Sociology (4)</td>
<td>American Social Problems (3)</td>
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<tr>
<td>OR</td>
<td>OR</td>
</tr>
<tr>
<td>SOCIOL 3</td>
<td>SOCIOL 2</td>
</tr>
<tr>
<td>Introduction to Social Problems (4)</td>
<td></td>
</tr>
</tbody>
</table>

One additional introductory course from another Social Science discipline:

| ANT 1 | Physical Anthropology (3) |
| ANT 2 | Cultural Anthropology (3) |
| ANT 8 | Language and Culture (3)  |
| ECO 7 | Principles of Macroeconomics (3) |
| ECO 7H| Honors Principles of Macroeconomics (3) |
| ECO 8 | Principles of Microeconomics (3)  |
| ENG 16| Introduction to Linguistics (3) |
| GEG 1 | Physical Geography (3) |
| GEG 1H| Honors Physical Geography (3) |
| PSY 1 | General Psychology (3) |

One additional Social Science course:

| POL 1 | American Politics (3) |
| POL 1H| Honors American Politics (3) |
| POL 2 | Comparative Politics (3) |
| POL 4 | Introduction to World Politics (3) |

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================================================================================
| POL 4H | Honors Introduction to World Politics (3) |
| POL 11 | Political Theory (3) |
| PSY 2 | Biological Psychology (3) |
| PSY 9 | Developmental Psychology (3) |
| PSY 33 | Theories of Personality (3) |
| PSY 35 | Abnormal Psychology (3) |
| SOC 10 | Race and Ethnic Relations (3) |
| SOC 12 | Marriage and Family Relations (3) |

Two courses from: | Two courses from:

SOCIOLOG 31 | Introduction to Social Psychology (4)
Same as: PSYCH 78A |
SOCIOLOG 41 | Small Group Behavior (4)
SOCIOLOG 43 | Urban Sociology (4)
SOCIOLOG 44 | Population (4)
SOCIOLOG 56 | Religion and Society (4)
SOCIOLOG 62 | Marriage and Families (4)
| SOC 12 | Marriage and Family Relations (3) |
SOCIOLOG 63 | Race and Ethnicity (4)
SOCIOLOG 68A | Ethnic & Immigrant America (4)
Same as: CHC/LAT 65 |

SCHOOL OF SOCIAL SCIENCES MATH REQUIREMENT: All students are required to take either: 1) One semester of calculus and one semester of statistics, or 2) Two quarters of calculus and one of statistics, or 3) One year of statistics.

MATH 2A & MATH 2B | Single-Variable Calculus (4) | MAT 1A & Calculus I (4)
STATS 7 | Basic Statistics (4) | OR |
OR | MAT 12 | Statistics (4) |
MGMT 7 | Statistics for Business Decision Making (4) | OR |
OR | SOC SCI 10A | Probability and Statistics in the Social Sciences I (4) |
SOC SCI 10B | Probability and Statistics in the Social Sciences II (4) |
SOC SCI 10C | Probability and Statistics in the Social Sciences III (4) |

In addition to the School of Social Sciences Math Requirement, all students are required to take coursework equivalent to I&C SCI 31 or SOC SCI 3A.
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine  |  From: Norco College

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I&C SCI 31    Introduction to Programming (4) | No course articulated
Same as: CSE 41 | OR

SOC SCI 3A    Computer-Based Research (4) | No course articulated—Course must be in the Social Sciences | completed at UCI

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END OF SOCIOLOGY
Articulation Agreement by Major
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To: UC Irvine | From: Norco College

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====Software Engineering, B.S.====

Transfer Students:
Students wishing to transfer into the Software Engineering program should prepare themselves as they would for transfer into other ICS programs (i.e., according to ICS's detailed guidelines that describe the equivalency of college preparation courses with ICS courses) and then use the change-of-major equivalencies from ICS courses to Software Engineering courses to determine the set of courses for which they will be exempted.

PLEASE NOTE: For Fall 2019 applicants, a minimum grade of B will be required in all major prerequisite courses.

PLEASE NOTE: This major will not participate in TAG starting with Fall 2020 admission.

1) Complete two semesters/two quarters of approved first-year Calculus, and

2) Completion of one year of computer programming courses in an object-oriented or higher-level programming language. For example Python, Java, C++, data structures, assembly language and machine organization. Object-oriented or higher-level programming language courses that do not directly articulate to I&C SCI 31-33 can be used to satisfy the admissions requirements. Introduction to computer science courses do not meet this requirement.

NOTE: Additional computer science courses beyond the two required are strongly recommended, particularly those that align with the major(s) of interest. Transfer students should plan to learn Java, Python, and C++ by studying on their own or by completing related programming courses prior to their first quarter at UCI.

Additional courses beyond those required for admission must be taken to fulfill the lower-division degree requirements, as many are prerequisites for upper-division courses. For some transfer students, this may mean that it will take longer than two years to complete their degree.

NOTE: Students should have I&C SCI 31-33 credit first in order to move further into the program here at UCI.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

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MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER
Articulation Agreement by Major
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To: UC Irvine  |  From: Norco College

| MATH 2A & Single-Variable Calculus (4) | MAT 1A & Calculus I (4) |
| MATH 2B Single-Variable Calculus (4) | MAT 1B Calculus II (4) |

| I&C SCI 31 & Introduction to Programming (4) | No course articulated |
| | Same as: CSE 41 |
| I&C SCI 32 & Programming with Software Libraries (4) | |
| | Same as: CSE 42 |
| I&C SCI 33 Intermediate Programming (4) | |
| | Same as: CSE 43 |

**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

| I&C SCI 45C Programming in C/C++ as a Second Language (4) | No course articulated |
| | Same as: CSE 45C |
| I&C SCI 45J Programming in Java as a Second Language (4) | No course articulated |
| | |
| I&C SCI 46 Data Structure Implementation and Analysis (4) | No course articulated |
| | Same as: CSE 46 |
| IN4MATX 43 Introduction to Software Engineering (4) | No course articulated |
| | |
| I&C SCI 51 Introductory Computer Organization (6) | No course articulated |
| | |
| I&C SCI 6B Boolean Algebra and Logic (4) | No course articulated |
| | |
| I&C SCI 6D Discrete Mathematics for Computer Science (4) | No course articulated |
| | |
| I&C SCI 6N Computational Linear Algebra (4) | No course articulated |
| | OR
| MATH 3A Introduction to Linear Algebra (4) | MAT 3 Linear Algebra (3) |
| | OR
| STATS 67 Introduction to Probability and Statistics for Computer Science (4) | No course articulated |

**END OF SOFTWARE ENGINEERING**
Articulation Agreement by Major
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====Spanish, B.A====

Students interested in this major must meet the following requirements:

- Meet all basic UC admission requirements with a minimum grade of C or better
- Have a cumulative UC transferable GPA of 2.7 (3.4 for TAG)
- Complete 60 semester or 90 quarter units of UC transferable credit by the end of the spring term prior to the fall quarter of enrollment
- Complete the UCI Lower Division Writing Requirement

Recommended:

- Complete four semesters/six quarters, or a combination thereof, including at least one lower-division course in each of the following four areas: composition, literature, history and philosophy (a course is not required in the area of student’s major). To reach the total number of courses required, additional courses approved for UCI General Education Category IV in Humanities disciplines outside the major can be selected; OR
- Complete a one-year lower division humanities sequence which deals with problems of concern to the disciplines of history, literature, and philosophy, and which emphasizes the reading and analysis of significant texts
- Review the two year Language other than English school requirement, and prepare accordingly: www.humanities.uci.edu/undergrad/academics/lang.php

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Spanish majors must choose an emphasis in one of the following:
- Literature and Culture
- Spanish for Future Teachers
- Cinema: Spain, Latin America, and U.S. Latino

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

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SPANISH 1A & Fundamentals of Spanish (5)|SPA 1 & Spanish I (5)
SPANISH 1B & Fundamentals of Spanish (5)|SPA 2 & Spanish 2 (5)
SPANISH 1C & Fundamentals of Spanish (5)| OR
|SPA 2H & Honors Spanish 2 (5)
--------------------------------------------------------------------------------
SPANISH 2A & Intermediate Spanish (4)|SPA 3 & Spanish 3 (5)
SPANISH 2B & Intermediate Spanish (4)|SPA 4 & Spanish 4 (5)
SPANISH 2C & Intermediate Spanish (4)
--------------------------------------------------------------------------------
SPANISH 3A & Grammar and Composition (4)|No course articulated
SPANISH 3B & Composition and Grammar (4)
Articulation Agreement by Major
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**EMPHASIS IN CINEMA: SPAIN, LATIN AMERICA, AND U.S. LATINO ADD:**

<table>
<thead>
<tr>
<th>FLM&amp;MDA 85A</th>
<th>Introduction to Film   (4)</th>
<th>No course articulated—Course to be completed at UCI</th>
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At least one course from each area for a total of four semester or six quarter courses:

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<thead>
<tr>
<th>WRITING</th>
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<td>ENG 1A</td>
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<td>OR</td>
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<td>ENG 1BH</td>
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<tr>
<th>LITERATURE</th>
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<td>ENG 6</td>
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<td>OR</td>
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<td>HIS 6H</td>
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To: UC Irvine  |  From: Norco College

| United States |
| HIS 7 Political and Social History of the United States |
| OR |
| HIS 7H Honors Political and Social History of the United States |

PHILOSOPHY

| PHI 10 Introduction to Philosophy |
| OR |
| PHI 10H Honors Introduction to Philosophy |
| PHI 12 Introduction to Ethics: Contemporary Moral Issues |
| PHI 35 Philosophy of Religion |
| Same as: HUM 35 |
| OR |
| HUM 35 Philosophy of Religion |
| Same as: PHI 35 |

OR

| HUMAN 1A & Humanities Core Lecture |
| HUMAN 1B & Humanities Core Lecture |
| HUMAN 1C & Humanities Core Lecture |
| HUMAN 1AS & Humanities Core Writing |
| HUMAN 1BS & Humanities Core Writing |
| HUMAN 1CS & Humanities Core Writing |
| OR |
| HUM 4 Arts and Ideas: Ancient |
| World through the Late Medieval Period |
| OR |
| HUM 4H Honors Arts and Ideas: Ancient |
| Ancient World through the Late Medieval Period |
| OR |
| HUM 5 Arts and Ideas: The Modern Era |
| OR |
| HUM 5H Honors Arts and Ideas: The Renaissance through the Modern Era |

AND

| ENG 1A English Composition |
| OR |
| ENG 1AH & Honors English Composition |
| ENG 1B Critical Thinking and Writing |
| OR |
| ENG 1BH Honors Critical Thinking and Writing |

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END OF SPANISH
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Norco College

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====Urban Studies, B.A.====

Major requirements for transfer students: For transfer student admission, preference will be given to junior-level applicants with the highest grades overall.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information on Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

For information about the Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php.

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CRM/LAW C7 Introduction to Criminology, Law and Society (4)
ADJ 1 Introduction to the Administration of Justice (3)

SOCECOL E8 Introduction to Environmental Analysis and Design (4)
BIO 19 Environmental Science (3)

PSY BEH 9 Introduction to Psychology (4)
Same as: PSYCH 7A

OR
PSY BEH 11B Psychology Fundamentals (4)
Same as: PSYCH 9B

OR
PSY BEH 11C Psychology Fundamentals (4)
Same as: PSYCH 9C

PSY 1 General Psychology (3)

ECON 20A Basic Economics I (3)

MAT 12 Statistics (4)

MAT 12H Honors Statistics (4)

SOC 50 Introduction to Social Research Methods (3)

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Articulation Agreement by Major
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<table>
<thead>
<tr>
<th>To: UC Irvine</th>
<th>From: Norco College</th>
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<tbody>
<tr>
<td></td>
<td>Microeconomics</td>
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<tr>
<td>POL SCI 21A Introduction to American Government (4)</td>
<td>POL 1 American Politics (3)</td>
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<tr>
<td>OR POL 1H Honors American Politics (3)</td>
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<td>POL SCI 51A Introduction to Politics Around the World (4)</td>
<td>POL 2 Comparative Politics (3)</td>
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<tr>
<td>OR POL 2H Honors Comparative Politics (3)</td>
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<td>OR</td>
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<tr>
<td>PPD 40 Urban Sociology (4)</td>
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<td>OR</td>
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<tr>
<td>SOCIOL 43 Urban Sociology (4)</td>
<td>No course articulated</td>
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</table>

END OF URBAN STUDIES