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

For information about 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>ECON 20A</th>
<th>Basic Economics I</th>
<th>(4)</th>
<th>ECON 1A</th>
<th>Principles of Economics (3) (Micro)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A</td>
<td>Single-Variable Calculus</td>
<td>(4)</td>
<td>MATH 3A</td>
<td>Calculus</td>
</tr>
<tr>
<td>MGMT 30A</td>
<td>Principles of Accounting I</td>
<td>(4)</td>
<td>ACCT 2</td>
<td>Introduction to Financial Accounting</td>
</tr>
<tr>
<td>MGMT 30B</td>
<td>Principles of Accounting II</td>
<td>(4)</td>
<td>ACCT 4</td>
<td>Introduction to Managerial Accounting</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.

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

<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>
<th>Course Code</th>
<th>Course Title 1</th>
<th>Credits 1</th>
<th>Course Code</th>
<th>Course Title 2</th>
<th>Credits 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2E</td>
<td>Multivariable Calculus</td>
<td>(4)</td>
<td>MATH 4A</td>
<td>Calculus</td>
<td>(4)</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>Introduction to Linear Algebra</td>
<td>(4)</td>
<td>MATH 6</td>
<td>Linear Algebra</td>
<td>(3)</td>
</tr>
<tr>
<td>MATH 3D</td>
<td>Elementary Differential Equations</td>
<td>(4)</td>
<td>MATH 4B</td>
<td>Differential Equations</td>
<td>(4)</td>
</tr>
<tr>
<td>PHYSICS 7C</td>
<td>Classical Physics</td>
<td>(4)</td>
<td>PHYSICS 4A</td>
<td>Physics - Mechanics</td>
<td>(4)</td>
</tr>
<tr>
<td>PHYSICS 7LC</td>
<td>Classical Physics</td>
<td>(1)</td>
<td>PHYSICS 4B</td>
<td>Physics - Electricity</td>
<td>(4)</td>
</tr>
<tr>
<td>PHYSICS 7D</td>
<td>Classical Physics</td>
<td>(4)</td>
<td>PHYSICS 4C</td>
<td>Physics (Heat, Waves, Optics, and Modern Physics)</td>
<td>(4)</td>
</tr>
<tr>
<td>PHYSICS 7LD</td>
<td>Classical Physics</td>
<td>(1)</td>
<td>PHYSICS 4C</td>
<td>Physics (Heat, Waves, Optics, and Modern Physics)</td>
<td>(4)</td>
</tr>
<tr>
<td>PHYSICS 7E</td>
<td>Classical Physics</td>
<td>(4)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGR 1A</td>
<td>General Chemistry for Engineers</td>
<td>(4)</td>
<td>CHEM 1A</td>
<td>General Chemistry</td>
<td>(5)</td>
</tr>
<tr>
<td>CHEM 1LE</td>
<td>Accelerated General Chemistry Laboratory</td>
<td>(3)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td>CHEM 1A</td>
<td>General Chemistry</td>
<td>(4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td>CHEM 1LE</td>
<td>Accelerated General Chemistry Laboratory</td>
<td>(3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGRMAE 10</td>
<td>Introduction to Engineering Computations</td>
<td>(4)</td>
<td>CIS 61</td>
<td>C++ Language Programming</td>
<td>(3)</td>
</tr>
<tr>
<td>ENGR 54</td>
<td>Principles of Materials Science and Engineering</td>
<td>(4)</td>
<td>ENGR 45</td>
<td>Properties of Materials</td>
<td>(4)</td>
</tr>
<tr>
<td>ENGRMAE 60</td>
<td>Electric Circuits</td>
<td>(4)</td>
<td>No course articulated</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td>EECS 70A</td>
<td>Network Analysis I</td>
<td>(4)</td>
<td>ENGR 17</td>
<td>Circuits and Devices</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title 1</th>
<th>Credits 1</th>
<th>Course Code</th>
<th>Course Title 2</th>
<th>Credits 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 54</td>
<td>Principles of Materials Science and Engineering</td>
<td>(4)</td>
<td>ENGR 45</td>
<td>Properties of Materials</td>
<td>(4)</td>
</tr>
<tr>
<td>ENGRMAE 60</td>
<td>Electric Circuits</td>
<td>(4)</td>
<td>No course articulated</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td>EECS 70A</td>
<td>Network Analysis I</td>
<td>(4)</td>
<td>ENGR 17</td>
<td>Circuits and Devices</td>
</tr>
</tbody>
</table>

**ADDITIONAL MAJOR REQUIREMENTS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title 1</th>
<th>Credits 1</th>
<th>Course Code</th>
<th>Course Title 2</th>
<th>Credits 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 52A</td>
<td>Fundamentals of Experimental Physics</td>
<td>(2)</td>
<td>PHYSICS 4C</td>
<td>Physics (Heat, Waves, Optics, and Modern Physics)</td>
<td>(4)</td>
</tr>
<tr>
<td>ECON 20A</td>
<td>Basic Economics I</td>
<td>(4)</td>
<td>ECON 1A</td>
<td>Principles of Economics (Micro)</td>
<td>(3)</td>
</tr>
<tr>
<td>OR</td>
<td>ECON 23</td>
<td>Basic Economics for Engineers</td>
<td>(4)</td>
<td>No course articulated</td>
<td></td>
</tr>
<tr>
<td>ENGRMAE 30</td>
<td>Statics</td>
<td>(4)</td>
<td>ENGR 35</td>
<td>Statics</td>
<td>(3)</td>
</tr>
</tbody>
</table>
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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:  
|-----------------------------------------------|-----------------------------------------------|
| AGNR 60  | Environmental Science  | (3)  
| AGNR 61  | Environmental Science  | (1)  
| AGPS 20  | Plant Science  | (4)  
| ANAT 1  | Human Anatomy  | (5)  
| ANTH 1  | Physical Anthropology  | (3)  
| ASTR 1  | Astronomy  | (3)  
| BIOL 1  | Principles of Biology  | (4)  
| BIOL 5  | Introduction to Human Biology  | (3)  
| BIOL 6  | Introduction to Human Biology Laboratory  | (1)  
| BIOL 10  | General Biology  | (3)  
| BIOL 10L  | General Biology Laboratory  | (1)  
| BOT 1  | General Botany  | (4)  
| CHEM 1A  | General Chemistry  | (5)  
| CHEM 1B  | General Chemistry  | (5)  
| CHEM 2A  | Introduction to Chemistry  | (5)  
| CHEM 2B  | Introduction to Organic and Biochemistry  | (5)  
| CHEM 6  | Introductory Chemistry (4)  
| CHEM 10  | Chemistry for the Liberal Arts  | (3)  
| CHEM 11  | Chemistry Lab for the Liberal Arts  | (1)  
| CHEM 16  | Chemical Problem Solving  | (3)  
| CHEM 70  | Organic Chemistry  | (4)  
| CHEM 71  | Organic Chemistry  | (3)  
| ESCI 1  | Physical Geology  | (4)  
| ESCI 2  | Historical Geology  | (4)  
| ESCI 3  | Mineralogy and Crystal Optics  | (5)  
| ESCI 4  | Rock Origins and Relationships  | (4)  

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| ESCH 5 | Introduction to Geology | 4 |
| ESCH 6 | Ancient Life            | 4 |
| ESCH 7 | Introduction to the Geology of California | 4 |
| ESCH 8 | Planetary Geology: Development, History and Planetary Processes | 3 |
| ESCH 9 | Earthquakes, Volcanoes and Other Geologic Hazards | 3 |
| ESCH 10 | Environmental Geology | 4 |
| ESCH 12 | General Earth Science | 4 |
| ESCH 14 | Meteorology          | 3 |
| ESCH 15 | Oceanography         | 4 |
| ESCH 17 | Earth System Science | 3 |
| ESCH 18 | Global Climate: Past, Present and Future | 3 |
| GEOG 1A & 1AL | Physical Geography & Physical Geography - Lab | 3 |
| MICR 1 | Microbiology         | 5 |
| NHIS 15 | Natural History of California | 3 |
| PHSC 1 | Physical Science Survey | 4 |
| PHY 1 | Physiology          | 5 |
| PHYS 2A | General College Physics | 4 |
| PHYS 2B | General College Physics | 4 |
| PHYS 4A | Physics - Mechanics | 4 |
| PHYS 4B | Physics - Electricity and Magnetism | 4 |
| PHYS 4C | Physics (Heat, Waves, Optics, and Modern Physics) | 4 |
| ZOOL 1 | General Zoology | 4 |

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

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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](http://www.humanities.uci.edu/undergrad/academics/lang.php)

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

| Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level) |
| FREN 4 | Intermediate French | (3) | OR |
| GERM 4 | Intermediate German | (3) | OR |
| JAPN 4 | Japanese 4 | (5) | OR |
| RUSS 4 | Intermediate Russian | (5) | OR |
| ASL 4 | American Sign Language 4 | (4) |
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--------------------------------------------------------------------------------
| OR |
|SPAN 4 | Spanish 4 | (4)
--------------------------------------------------------------------------------

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

LOWERING-DIVISION WRITING
| WRITING |
| ENGL 1A | College Composition | (4) |
| ENGL 1B | Literature and Composition |
| ENGL 1C | Critical Reasoning, Reading and Writing |

ENGLISH LITERATURE
| LITERATURE |
| ENGL 10A | World Literature - to 1650 | (3) |
| ENGL 10B | World Literature - after 1650 |
| ENGL 11A | A Survey of American Literature-Precolonial to 1860 | (3) |
| ENGL 11B | Survey/American Literature-1860 to the Present |
| ENGL 13A | A Survey of English Literature-Old English Period through Neoclassicism |
| ENGL 13B | A Survey of English Literature-from the Romantic Period to the Present |
| ENGL 16 | Poetry | (3) |

HISTORY
| HISTORY |
| HIST 1A | History of Western Civilization | (3) |
| HIST 1B | History of Western Civilization |
| HIST 2 | World Civilization to 1500 C.E. | (3) |
| HIST 3 | World Civilization 1500 to Present |
| HIST 17A | United States History | (3) |
| HIST 17B | United States History |
| HIST 36 | History of the Far East |

PHILOSOPHY
| PHILOSOPHY |
| PHIL 6 | Introduction to | (3) |
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| Philosophy |
| PHIL 7 Ethics: Understanding (3) |
| Right and Wrong |

OR

| OR |
| HUMAN 1A & Humanities Core Lecture (4) | No course articulated |
| 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) |

------------------------------------------
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.

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<table>
<thead>
<tr>
<th>ANTHRO 2A Introduction to Sociocultural Anthropology (4)</th>
<th>ANTH 2 Cultural Anthropology (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHRO 2B Introduction to Biological Anthropology (4)</td>
<td>ANTH 1 Physical Anthropology (3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OR</th>
<th>OR</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHRO 2C Introduction to Archaeology (4)</td>
<td>ARCH 3 Principles of Archaeology (3)</td>
</tr>
<tr>
<td>OR</td>
<td>OR</td>
</tr>
<tr>
<td>ANTHRO 2D Introduction to Language and Culture (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>Same as: LINGUIS 68</td>
<td></td>
</tr>
</tbody>
</table>

| ANTHRO 30A Global Issues in Anthropological Perspective (4) | No course articulated |
| OR | OR |
| ANTHRO 30B Ethnography and Anthropological Methods (4) | No course articulated |

Three additional courses in Anthropology or other Social Science discipline.

| ANTH 5 Humanity, Culture and Ecology (3) |
| ANTH 14 Religion, Myth and Ritual (3) |
| ANTH 25 Culture and History of North American Indian (3) |
| ECON 1A Principles of Economics (3) (Micro) |
| ECON 1B Principles of Economics (3) |

Three additional courses in Anthropology or other Social Science discipline.

| ANTH 5 Humanity, Culture and Ecology (3) |
| ANTH 14 Religion, Myth and Ritual (3) |
| ANTH 25 Culture and History of North American Indian (3) |
| ECON 1A Principles of Economics (3) (Micro) |
| ECON 1B Principles of Economics (3) |
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| GEOG 1A    Physical Geography      (3) |
| GEOG 1B    Human Geography         (3) |
| GEOG 7     California Geography    (3) |
| GEOG 8     World Regional Geography (3) |
| POLS 1     Introduction to Political Science (3) |
| POLS 2     Introduction to American Government (3) |
| POLS 20    Politics of Third World Nations (3) |
| POLS 25    Global Politics (3) |
| PSYC 1A    General Psychology (3) |
| PSYC 5     Human Sexuality (3) |
| PSYC 14    Psychology of Personal and Social Adjustment (3) |
| PSYC 15    Social Psychology (3) |
| PSYC 17    Abnormal Psychology (3) |
| PSYC 20    Cross-Cultural Psychology (3) |
| PSYC 41    Cultural/Social Context of Childhood (3) |
| PSYC 46    Human Memory and Learning (3) |
| SOC 1      Introduction to Sociology (3) |
| SOC 2      Social Problems (3) |
| SOC 15     Sociology of Mass Media (3) |
| SOC 22     Sociology of Aging (3) |
| SOC 25     Sociology of Minorities (3) |
| SOC 30     Sociology of Gender (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) | MATH 2B  &  Single-Variable Calculus (4) |
| MATH 3A  &  Calculus (4) | MATH 14  &  Introduction to Statistics (4) |
| STATS 7  &  Basic Statistics (4) | OR |
| MGMT 7   &  Statistics for Business Decision Making (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 (4) | No course articulated |
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<thead>
<tr>
<th>To: UC Irvine</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Statistics in the Social Sciences III</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.

### 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 ANTHROPOLOGY**
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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:
- 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:
- 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 about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap

For information about 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>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2B</td>
<td>4</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>4</td>
</tr>
<tr>
<td>MATH 3B</td>
<td>5</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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 7C</td>
<td>4</td>
</tr>
<tr>
<td>PHYSICS 7LC</td>
<td>1</td>
</tr>
<tr>
<td>PHYSICS 7D</td>
<td>4</td>
</tr>
<tr>
<td>PHYSICS 7LD</td>
<td>1</td>
</tr>
<tr>
<td>PHYSICS 7E</td>
<td>4</td>
</tr>
<tr>
<td>PHYSICS 3A</td>
<td>4</td>
</tr>
<tr>
<td>PHYSICS 3B</td>
<td>4</td>
</tr>
<tr>
<td>PHYSICS 3LB</td>
<td>1.5</td>
</tr>
<tr>
<td>PHYSICS 3C</td>
<td>4</td>
</tr>
<tr>
<td>PHYSICS 3LC</td>
<td>1.5</td>
</tr>
</tbody>
</table>

No course articulated
Articulation Agreement by Major
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To: UC Irvine | From: Shasta College

================================================================================
ADDITIONAL APPROVED COURSES FOR THE MAJOR
================================================================================

<table>
<thead>
<tr>
<th>COURSE</th>
<th>TITLE</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<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>
<tr>
<td>MATH 3A</td>
<td>Introduction to Linear Algebra</td>
<td>4</td>
</tr>
<tr>
<td>MATH 3D</td>
<td>Elementary Differential Equations</td>
<td>4</td>
</tr>
<tr>
<td>MATH 4A</td>
<td>Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH 4B</td>
<td>Differential Equations</td>
<td>4</td>
</tr>
<tr>
<td>MATH 6</td>
<td>Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>PHYSICS 50</td>
<td>Mathematical Methods for Physical Science</td>
<td>4</td>
</tr>
<tr>
<td>PHYSICS 61A</td>
<td>Modern Physics</td>
<td>4</td>
</tr>
<tr>
<td>PHYSICS 51A</td>
<td>Modern Physics</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 45C</td>
<td>Programming in C/C++ as a Second Language</td>
<td>4</td>
</tr>
<tr>
<td>EECS 10</td>
<td>Computational Methods in Electrical and Computer Engineering</td>
<td>4</td>
</tr>
<tr>
<td>EECS 12</td>
<td>Introduction to Programming</td>
<td>4</td>
</tr>
<tr>
<td>CHEN 1C</td>
<td>General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEN 1LC</td>
<td>General Chemistry Laboratory</td>
<td>2</td>
</tr>
<tr>
<td>CHEN 1LE</td>
<td>Accelerated General Chemistry Laboratory</td>
<td>3</td>
</tr>
<tr>
<td>ENGRMAE 91</td>
<td>Introduction to Thermodynamics</td>
<td>4</td>
</tr>
</tbody>
</table>

Complete one of the following:

Complete one of the following:

Complete one of the following:
Articulation Agreement by Major
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<table>
<thead>
<tr>
<th>PHAICES 52A</th>
<th>Fundamentals of Experimental Physics</th>
<th>(2)</th>
<th>PHYS 4C</th>
<th>Physics (Heat, Waves, Optics, and Modern Physics)</th>
<th>(4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 52B</td>
<td>Fundamentals of Experimental Physics</td>
<td>(2)</td>
<td>PHYS 4B</td>
<td>Physics - Electricity and Magnetism</td>
<td>(4)</td>
</tr>
<tr>
<td>PHYSICS 52C</td>
<td>Fundamentals of Experimental Physics</td>
<td>(2)</td>
<td>No course articulated</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

END OF APPLIED PHYSICS
Articulation Agreement by Major  
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From: Shasta College

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

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

For information about 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  | Ancient Egyptian, Greek, and Roman Art and Architecture | ART 2  | History of Western Art through the Gothic Period
ART HIS 40B  | Arts of Europe: Medieval and Renaissance | ART 3  | Western Art, Renaissance to Contemporary
ART HIS 40C  | Early Modern and Modern Art in Europe and America |  |  
ART HIS 42A  | History of Asian Art: Arts of India |  |  
ART HIS 42B  | History of Asian Art: Arts of China |  |  
ART HIS 42C  | History of Asian Art: Arts of Japan |  |  
ART HIS 42D  | History of Asian Art: |  |  

================================================================================
Articulation Agreement by Major
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<table>
<thead>
<tr>
<th>Articulation Agreement by Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effective during the 18-19 Academic Year</td>
</tr>
<tr>
<td>Applies to Fall 2019 and Fall 2020 Admissions</td>
</tr>
</tbody>
</table>

Arts of Islam

| Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level) | FREN 4 Intermediate French (3)  |
| OR | GERM 4 Intermediate German (3)  |
| OR | JAPN 4 Japanese 4 (5)  |
| OR | RUSS 4 Intermediate Russian (5)  |
| OR | ASL 4 American Sign Language 4 (4)  |
| OR | SPAN 4 Spanish 4 (4)  |

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**

| ENGL 1A College Composition (4)  |
| ENGL 1B Literature and Composition (3)  |
| ENGL 1C Critical Reasoning, Reading and Writing (3)  |

**ENGLISH LITERATURE**

| ENGL 10A World Literature - to 1650 (3)  |
| ENGL 10B World Literature - after 1650 (3)  |
| ENGL 11A A Survey of American Literature-Precolonial to 1860 (3)  |
| ENGL 11B Survey/American Literature-1860 to the Present (3)  |
| ENGL 13A A Survey of English Literature-Old English Period through Neoclassicism (3)  |
| ENGL 13B A Survey of English Literature-from the Romantic Period to the Present (3)  |
| ENGL 16 Poetry (3)  |

**HISTORY**

| HIST 1A History of Western Civilization (3)  |
| HIST 1B History of Western (3)  |
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| Civilization |
| HIST 2 World Civilization to 1500 C.E. (3) |
| HIST 3 World Civilization 1500 to Present (3) |
| HIST 17A United States History (3) |
| HIST 17B United States History (3) |
| HIST 36 History of the Far East (3) |

PHILOSOPHY
| Introduction to Philosophy (3) |
| Ethics: Understanding Right and Wrong (3) |

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)

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

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

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

For information about 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 2 History of Western Art through the Gothic Period (3)
ART HIS 40B Arts of Europe: Medieval and Renaissance (4) | ART 3 Western Art, Renaissance to 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:
# Articulation Agreement by Major

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

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

To: UC Irvine  
| From: Shasta College |

| DRAWING | DRAWING |
|---------------------------------|
| ART 20A  Basic Drawing I (4) | ART 21A  Beginning Freehand Drawing (3) |

| ART 20B  Basic Drawing II (4) | No course articulated |

| PAINTING | PAINTING |
|---------------------------------|
| ART 30A  Basic Painting I (4) | ART 29A  Beginning Painting (3) |

| ART 30B  Basic Painting II (4) | No course articulated |

| BASIC SCULPTURE | BASIC SCULPTURE |
|---------------------------------|
| ART 40  Basic Sculpture (4) | ART 55A  Beginning Sculpture (3) |

| CERAMIC SCULPTURE | CERAMIC SCULPTURE |
|---------------------------------|
| ART 51  Basic Ceramic Sculpture (4) | ART 35A  Beginning Ceramics (3) |

| DIGITAL IMAGING | DIGITAL IMAGING |
|---------------------------------|
| ART 65A  Foundations in Media Design (4) | No course articulated |

| ART 65B  Foundations in Internet Art and Design (4) | No course articulated |

| PHOTOGRAPHY | PHOTOGRAPHY |
|---------------------------------|
| ART 71A  Introduction to Photography I (4) | All photography classes must be petitioned for subject credit upon matriculating into UCI's Art program. |

| ART 71B  Introduction to Photography II (4) | |

| VIDEO | VIDEO |
|---------------------------------|
| ART 81A  Video Production (4) | All video classes must be petitioned for subject credit upon matriculating into UCI's Art program. |

| ART 81B  Video Stage Production (4) | |

| ART 91  Basic Performance Art (4) | No course articulated |

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

To: UC Irvine  |  From: Shasta College

================================================================================
====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 about 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)

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

<table>
<thead>
<tr>
<th>ASIANAM 50</th>
<th>Asian American Histories</th>
<th>(4)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Same as: HISTORY 15C, SOC SCI 78A</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

==============================================================================================================
ASIANAM 55  Asian Americans and the (4) | No course articulated
Media

 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) |
| FREN 4 Intermediate French (3) |
| GERM 4 Intermediate German (3) |
| OR |
| JAPN 4 Japanese 4 (5) |
| OR |
| RUSS 4 Intermediate Russian (5) |
| OR |
| ASL 4 American Sign Language 4 (4) |
| OR |
| SPAN 4 Spanish 4 (4) |

==============================================================================================================
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 |
| ENGL 1A College Composition (4) |
| ENGL 1B Literature and Composition (3) |
| ENGL 1C Critical Reasoning, Reading and Writing (3) |

ENGLISH LITERATURE |
| ENGL 10A World Literature - to 1650 (3) |
| ENGL 10B World Literature - after 1650 (3) |
| ENGL 11A A Survey of American Literature-Precolonial to 1860 (3) |
| ENGL 11B Survey/American Literature-1860 to the Present (3) |
| ENGL 13A A Survey of English Literature-Old English Period through Neoclassicism (3) |
| ENGL 13B A Survey of English Literature-from the Romantic Period to the Present (3) |
| ENGL 16 Poetry (3) |
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|================================================================================|
| HISTORY                                  | HISTORY                          |
| | HIST 1A     History of Western Civilization (3) |
| | HIST 1B     History of Western Civilization (3) |
| | HIST 2      World Civilization to 1500 C.E. (3) |
| | HIST 3      World Civilization 1500 to Present (3) |
| | HIST 17A    United States History (3) |
| | HIST 17B    United States History (3) |
| | HIST 36     History of the Far East (3) |
|================================================================================|

| PHILOSOPHY                               | PHILOSOPHY                       |
| | PHIL 6    Introduction to Philosophy (3) |
| | PHIL 7    Ethics: Understanding Right and Wrong (3) |
| OR                                      | OR                                |
| HUMAN 1A & Humanities Core Lecture (4) | No course articulated |
| 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) |

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

END OF ASIAN AMERICAN STUDIES
Articulation Agreement by Major
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To: UC Irvine | From: Shasta College

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

For information about 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</th>
<th>(4)</th>
<th>BIOL 1</th>
<th>Principles of Biology</th>
<th>(4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 94</td>
<td>From Organisms to</td>
<td>(4)</td>
<td>BOT 1</td>
<td>General Botany</td>
<td>(4)</td>
</tr>
<tr>
<td></td>
<td>Ecosystems</td>
<td></td>
<td>OR</td>
<td>General Zoology</td>
<td>(4)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></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) | CHEM 1A | General Chemistry | (5) |
| CHEM 1B | General Chemistry | (4) | CHEM 1B | General Chemistry | (5) |
| CHEM 1C | General Chemistry | (4) |
| CHEM 1LC Laboratory | (2) |
| CHEM 1LD Laboratory | (2) |

+=+=================================================================================
| CHEM 51A | Organic Chemistry | (4) | CHEM 70 | Organic Chemistry | (4) |
| CHEM 51LB Laboratory | (2) | CHEM 70A Laboratory | (1) |

+=+=================================================================================
| CHEM 51B | Organic Chemistry | (4) | CHEM 70 | Organic Chemistry | (4) |
| CHEM 51C | Organic Chemistry | (4) | CHEM 70A | Organic Chemistry | (1) |
| CHEM 51LC Laboratory | (2) | CHEM 71A Laboratory | (3) |
| CHEM 71 Laboratory | (3) |

+=+=================================================================================
| 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) | MATH 3A | Calculus | (4) |
| MATH 2B | Single-Variable Calculus | (4) |
| and one of the following: | and one of the following: |
| STATS 7 | Basic Statistics | (4) | MATH 14 | Introduction to Statistics | (4) |
| STATS 8 | Introduction to Biological Statistics | (4) | MATH 6 | Linear Algebra | (3) |
| MATH 2D | Multivariable Calculus | (4) | MATH 4B | Differential Equations | (4) |
| MATH 3A | Introduction to Linear Algebra | (4) | MATH 3B | Calculus | (5) |

+=+=================================================================================
| PHYSICS 3A | Basic Physics | (4) | No course articulated |
| PHYSICS 3B | Basic Physics | (4) |
| PHYSICS 3LB Laboratory | Basic Physics | (1.5) |
| PHYSICS 3C | Basic Physics | (4) |
| PHYSICS 3LC | Basic Physics | (1.5) |
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<table>
<thead>
<tr>
<th>Laboratory</th>
<th></th>
<th>OR</th>
<th>OR</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 7C</td>
<td>Classical Physics (4)</td>
<td>PHYS 4A</td>
<td>Physics - Mechanics (4)</td>
</tr>
<tr>
<td>PHYSICS 7LC</td>
<td>Classical Physics (1)</td>
<td>PHYS 4B</td>
<td>Physics - Electricity (4)</td>
</tr>
<tr>
<td>Laboratory</td>
<td></td>
<td>and Magnetism</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7D</td>
<td>Classical Physics (4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7LD</td>
<td>Classical Physics (1)</td>
<td>Laboratory</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7E</td>
<td>Classical Physics (4)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

END OF BIOCHEMISTRY AND MOLECULAR BIOLOGY
Articulation Agreement by Major
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To: UC Irvine  |  From: Shasta 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 about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to
http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap

For information about 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>BIOL 1 Principles of Biology (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 94</td>
<td>From Organisms to Ecosystems (4)</td>
<td>BOT 1 General Botany (4)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OR ZOOL 1 General Zoology (4)</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.

| CHEM 1A & | General Chemistry (4) | CHEM 1A & | General Chemistry (5) |
| CHEM 1B & | General Chemistry (4) | CHEM 1B & | General Chemistry (5) |
| CHEM 1C & | General Chemistry (4) |
Articulation Agreement by Major  
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To: UC Irvine                  |  From: Shasta College

-----------------------------------------------------------------------------------------------------
CHEM 1LC & General Chemistry         (2) | CHEM 1LD & General Chemistry         (2)
| Laboratory                          | Laboratory                          
-----------------------------------------------------------------------------------------------------
CHEM 51A & Organic Chemistry         (4) | CHEM 70 & Organic Chemistry         (4)
| CHEM 51A & Organic Chemistry         (2) | CHEM 51B & Organic Chemistry        (4) |CHEM 70A & Organic Chemistry      (1) |CHEM 71 & Organic Chemistry        (3) |CHEM 71A & Organic Chemistry      (2) 
| Laboratory                          | Laboratory                          | Laboratory                          | Laboratory                          
-----------------------------------------------------------------------------------------------------
CHEM 51B & Organic Chemistry        (4) | CHEM 70 & Organic Chemistry         (4) |CHEM 51C & Organic Chemistry        (4) |CHEM 70A & Organic Chemistry      (1) 
| CHEM 51C & Organic Chemistry        (4) |CHEM 70A & Organic Chemistry      (1) 
| Laboratory                          | Laboratory                          | Laboratory                          | 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) | MATH 3A & Calculus (4)
MATH 2B & Single-Variable Calculus   (4) |
and one of the following:              |and one of the following:
STATS 7 & Basic Statistics           (4) | MATH 14 & Introduction to Statistics (4)
STATS 8 & Introduction to Biological (4) | MATH 4A & Calculus (4)
STATS 8 & Introduction to Biological (4) | MATH 4B & Differential Equations (4)
STATS 8 & Introduction to Biological (4) | MATH 6 & Linear Algebra (3)
STATS 8 & Introduction to Biological (4) | MATH 3B & Calculus (5)

-----------------------------------------------------------------------------------------------------
PHYSICS 3A & Basic Physics            (4) | No course articulated
PHYSICS 3B & Basic Physics            (4) |
PHYSICS 3LB & Basic Physics (1.5) |
PHYSICS 3C & Basic Physics            (4) |
PHYSICS 3LC & Basic Physics (1.5) |

OR

-----------------------------------------------------------------------------------------------------
PHYSICS 7C & Classical Physics (4) | PHYS 4A & Physics - Mechanics (4)
PHYSICS 7LC & Classical Physics (1) | PHYS 4B & Physics - Electricity (4)
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

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<thead>
<tr>
<th>To: UC Irvine</th>
<th>From: Shasta College</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laboratory</td>
<td>and Magnetism</td>
</tr>
<tr>
<td>PHYSICS 7D &amp; Classical Physics (4)</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7LD &amp; Classical Physics (1)</td>
<td></td>
</tr>
<tr>
<td>Laboratory</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7E Classical Physics (4)</td>
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</tbody>
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END OF BIOLOGICAL SCIENCES
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Shasta 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 about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap

For information about 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.

CHEM 1A & General Chemistry (4) | CHEM 1A & General Chemistry (5)
CHEM 1B & General Chemistry (4) | CHEM 1B General Chemistry (5)
CHEM 1C & General Chemistry (4) |
CHEM 1LC & General Chemistry (2) |
CHEM 1LD General Chemistry (2) |

CHEM 1A & General Chemistry (4) | CHEM 1A & General Chemistry (5)
CHEM 1B & General Chemistry (4) | CHEM 1B General Chemistry (5)
CHEM 1C & General Chemistry (4) |
CHEM 1LC & General Chemistry (2) |
CHEM 1LD General Chemistry (2) |
Articulation Agreement by Major
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CHEM 51A  Organic Chemistry (4) | CHEM 70  Organic Chemistry (4)
CHEM 51LB Organic Chemistry (2) | CHEM 70A Organic Chemistry (1)
                  Laboratory                  Laboratory

CHEM 51B  Organic Chemistry (4) | CHEM 70  Organic Chemistry (4)
CHEM 51C  Organic Chemistry (4) | CHEM 70A Organic Chemistry (1)
CHEM 51LC Organic Chemistry (2) | CHEM 71  Organic Chemistry (3)
                  Laboratory                  Laboratory
                  | CHEM 71A Organic Chemistry (2)

BIO SCI 93 From DNA to Organisms (4) | BIOL 1 Principles of Biology (4)

BIO SCI 94 From Organisms to Ecosystems (4)
                   | OR
                   | ZOOL 1 General Zoology (4)

ADDITIONAL APPROVED COURSES FOR THE MAJOR

BIO SCI 14 California Teach 1: Introduction to Science and Mathematics Teaching
                   | Same as: PHY SCI 5

LPS 60 The Making of Modern Science
                   | Same as: HISTORY 60

EDUC 55 Knowing and Learning in Mathematics and Science

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 (4) | MATH 3A  Calculus (4)
MATH 2B  Single-Variable Calculus (4)

and one of the following:

STATS 7  Basic Statistics (4) | MATH 14 Introduction to Statistics (4)
STATS 8  Introduction to Biological Statistics (4) | MATH 4A Calculus (4)
MATH 2D Multivariable Calculus (4) | MATH 4B Differential Equations (4)
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  

To: UC Irvine  
| From: Shasta College  

<table>
<thead>
<tr>
<th>Math Courses</th>
<th>UC Irvine Equivalent</th>
<th>Shasta College Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 3A</td>
<td>Introduction to Linear Algebra</td>
<td>MATH 6 Linear Algebra</td>
</tr>
<tr>
<td>MATH 3B</td>
<td>Linear Algebra</td>
<td>MATH 3B Calculus</td>
</tr>
<tr>
<td>MATH 3C</td>
<td>Calculus</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Physics Courses</th>
<th>UC Irvine Equivalent</th>
<th>Shasta College Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 3A</td>
<td>Basic Physics</td>
<td>(4) No course articulated</td>
</tr>
<tr>
<td>PHYSICS 3B</td>
<td>Basic Physics</td>
<td>(4)</td>
</tr>
<tr>
<td>PHYSICS 3C</td>
<td>Basic Physics</td>
<td>(4)</td>
</tr>
<tr>
<td>PHYSICS 3LB</td>
<td>Basic Physics</td>
<td>(1.5) Laboratory</td>
</tr>
<tr>
<td>PHYSICS 3LC</td>
<td>Basic Physics</td>
<td>(1.5) Laboratory</td>
</tr>
<tr>
<td>PHYSICS 7C</td>
<td>Classical Physics</td>
<td>(4) PHYS 4A Physics - Mechanics</td>
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<td>PHYSICS 7LC</td>
<td>Classical Physics</td>
<td>(1) PHYS 4B Physics - Electricity and Magnetism</td>
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<td>PHYSICS 7D</td>
<td>Classical Physics</td>
<td>(4)</td>
</tr>
<tr>
<td>PHYSICS 7LD</td>
<td>Classical Physics</td>
<td>(1)</td>
</tr>
<tr>
<td>PHYSICS 7E</td>
<td>Classical Physics</td>
<td>(4)</td>
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</tbody>
</table>

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

For information about 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 ID</th>
<th>Course Name</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A &amp;</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>
<tr>
<td>MATH 3A</td>
<td>Introduction to Linear Algebra</td>
<td>4</td>
</tr>
<tr>
<td>MATH 3D</td>
<td>Elementary Differential Equations</td>
<td>4</td>
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<tr>
<td>MATH 3A</td>
<td>Calculus</td>
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<tr>
<td>MATH 3B</td>
<td>Calculus</td>
<td>5</td>
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<td>Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH 6</td>
<td>Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 4B</td>
<td>Differential Equations</td>
<td>4</td>
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</tbody>
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Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
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To: UC Irvine | From: Shasta College  

================================================================================  
| Equations |  
|-------------------------------------------------|-------------------------------------------------|  
| CHEM 1A & General Chemistry (4) | CHEM 1A & General Chemistry (5) |  
| CHEM 1B & General Chemistry (4) | CHEM 1B General Chemistry (5) |  
| CHEM 1C & General Chemistry (4) |  |  
| CHEM 1LC & General Chemistry (2) |  |  
| CHEM 1LD General Chemistry (2) |  |  
| Laboratory |  |  
|--------------------------------------------------------------------------------  
| PHYSICS 7C & Classical Physics (4) | PHYS 4A & Physics - Mechanics (4) |  
| PHYSICS 7LC & Classical Physics (1) | PHYS 4B & Physics - Electricity (4) |  
| Laboratory |  | and Magnetism |  
| PHYSICS 7D & Classical Physics (4) | PHYS 4C Physics (Heat, Waves, (4) |  
| PHYSICS 7LD & Classical Physics (1) |  | Optics, and Modern |  
| Laboratory |  | Physics) |  
| PHYSICS 7E Classical Physics (4) |  |  |  
|--------------------------------------------------------------------------------  
| BME 60B Engineering (4) | No course articulated |  
| Analysis/Design: Data |  |  
| Analysis |  |  
|--------------------------------------------------------------------------------  
| MAJOR PREPARATION COURSES NECESSARY TO GRADUATE IN 2 YEARS |  
|--------------------------------------------------------------------------------  
| BME 60C Engineering (4) | No course articulated |  
| Analysis/Design: |  
| Computer-Aided Design |  
|--------------------------------------------------------------------------------  
| ADDITIONAL MAJOR REQUIREMENTS |  
|--------------------------------------------------------------------------------  
| STATS 8 Introduction to Biological (4) | MATH 14 Introduction to (4) |  
| Statistics | Statistics |  
|--------------------------------------------------------------------------------  
| BME 1 Introduction to Biomedical Engineering (3) | No course articulated |  
|--------------------------------------------------------------------------------  
| BME 50A & Cell and Molecular Engineering (4) | No course articulated |  
| BME 50B Cell and Molecular Engineering (4) |  |  
|--------------------------------------------------------------------------------  
| BME 60A Engineering (4) | No course articulated |  
| Analysis/Design: Data |  
| Acquisition |  
|--------------------------------------------------------------------------------  

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: Shasta 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)  
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- 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.

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<td>MATH 3A Introduction to Linear Algebra (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:** Shasta College

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### MATH 3D  
Elementary Differential Equations (4)  

### MATH 4B  
Differential Equations (4)

<table>
<thead>
<tr>
<th>Shasta College Courses</th>
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<td>CHEM 1B &amp; General Chemistry (5)</td>
</tr>
<tr>
<td>CHEM 1C &amp; General Chemistry (4)</td>
<td>CHEM 1C &amp; General Chemistry (4)</td>
</tr>
<tr>
<td>CHEM 1LC &amp; General Chemistry (2)</td>
<td>CHEM 1LD General Chemistry (2)</td>
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</tr>
<tr>
<td>CHEM 1LD General Chemistry (2)</td>
<td>CHEM 1LD General Chemistry (2)</td>
</tr>
</tbody>
</table>

### CHEM 51A & Organic Chemistry (4)  
CHEM 70 & Organic Chemistry (4)  
CHEM 51LB Organic Chemistry (2) | CHEM 70A Organic Chemistry (1) |
| Laboratory | Laboratory |

<table>
<thead>
<tr>
<th>Shasta College Courses</th>
<th>UC Irvine Courses</th>
</tr>
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<tbody>
<tr>
<td>CHEM 51B &amp; Organic Chemistry (4)</td>
<td>CHEM 70 &amp; Organic Chemistry (4)</td>
</tr>
<tr>
<td>CHEM 51C &amp; Organic Chemistry (4)</td>
<td>CHEM 70 &amp; Organic Chemistry (4)</td>
</tr>
<tr>
<td>CHEM 51LC &amp; Organic Chemistry (2)</td>
<td>CHEM 71A Organic Chemistry (2)</td>
</tr>
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<td>PHYS 4A &amp; Physics - Mechanics (4)</td>
</tr>
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<td>PHYSICS 7LC &amp; Classical Physics (1)</td>
<td>PHYS 4B &amp; Physics - Electricity and Magnetism (4)</td>
</tr>
<tr>
<td>PHYSICS 7D &amp; Classical Physics (4)</td>
<td>PHYS 4C &amp; Physics (Heat, Waves, Optics, and Modern Physics)</td>
</tr>
<tr>
<td>PHYSICS 7LD &amp; Classical Physics (1)</td>
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</tr>
<tr>
<td>Laboratory</td>
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</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Shasta College Courses</th>
<th>UC Irvine Courses</th>
</tr>
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<tbody>
<tr>
<td>BIO SCI 97 Genetics (4)</td>
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<tr>
<td>BIO SCI 98 Biochemistry (4)</td>
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<tr>
<td>BIO SCI 99 Molecular Biology (4)</td>
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<td>BIO SCI 100 Scientific Writing (3)</td>
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### ADDITIONAL MAJOR REQUIREMENTS

<table>
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<tr>
<th>Shasta College Courses</th>
<th>UC Irvine Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>BME 1 Introduction to Biomedical Engineering (3)</td>
<td>No course articulated</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: Shasta College  
========================================================================================================
<table>
<thead>
<tr>
<th>BME 60A</th>
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<tr>
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<tr>
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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: Shasta 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 about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap

For information about 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 2A &amp;</th>
<th>Single-Variable Calculus (4)</th>
<th>MATH 3A &amp;</th>
<th>Calculus (4)</th>
</tr>
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<tbody>
<tr>
<td>MATH 2B</td>
<td>Single-Variable Calculus (4)</td>
<td>MATH 3B</td>
<td>Calculus (5)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>ECON 20A &amp;</th>
<th>Basic Economics I (4)</th>
<th>ECON 1A &amp;</th>
<th>Principles of Economics (3) (Micro)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 20B</td>
<td>Basic Economics II (4)</td>
<td>ECON 1B</td>
<td>Principles of Economics (3) (Macro)</td>
</tr>
<tr>
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</tr>
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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: Shasta College

<table>
<thead>
<tr>
<th>MGMT 7</th>
<th>Statistics for Business</th>
<th>(4)</th>
<th>MATH 14</th>
<th>Introduction to Statistics</th>
<th>(4)</th>
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<tbody>
<tr>
<td>Decision Making</td>
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<table>
<thead>
<tr>
<th>MGMT 30A</th>
<th>Principles of Accounting</th>
<th>(4)</th>
<th>ACCT 2</th>
<th>Introduction to Financial Accounting</th>
<th>(4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td></td>
<td></td>
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<table>
<thead>
<tr>
<th>MGMT 30B</th>
<th>Principles of Accounting</th>
<th>(4)</th>
<th>ACCT 4</th>
<th>Introduction to Managerial Accounting</th>
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<tbody>
<tr>
<td>II</td>
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**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

<table>
<thead>
<tr>
<th>MGMT 1</th>
<th>Introduction to Business and Management</th>
<th>(4)</th>
<th>BUAD 10</th>
<th>Introduction to Business</th>
<th>(3)</th>
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**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: Shasta 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 about Transfer Credit for Advanced Placement Exams and International
Baccalaureate Exams, go to
http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap

For information about Transfer Admission Guarantee for this major, go to
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MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

<table>
<thead>
<tr>
<th>ECON 20A</th>
<th>Basic Economics I</th>
<th>(4)</th>
<th>ECON 1A</th>
<th>Principles of Economics (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(Micro)</td>
</tr>
<tr>
<td>ECON 20B</td>
<td>Basic Economics II</td>
<td>(4)</td>
<td>ECON 1B</td>
<td>Principles of Economics (3)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(Macro)</td>
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<tr>
<td>MATH 2A &amp;</td>
<td>Single-Variable Calculus</td>
<td>(4)</td>
<td>MATH 3A &amp;</td>
<td>Calculus</td>
</tr>
<tr>
<td>MATH 2B</td>
<td>Single-Variable Calculus</td>
<td>(4)</td>
<td>MATH 3B</td>
<td>Calculus</td>
</tr>
</tbody>
</table>

ADDITIONAL APPROVED COURSES FOR THE MAJOR

| ECON 15A & | Probability and Statistics in Economics I | (4) | No course articulated-Courses to be completed at UCI |
| ECON 15B | Probability and Statistics in Economics II | (4) |
| ECON 25 | The Economics of Accounting Decisions | (4) | ACCT 2 | Introduction to Financial Accounting |
|          | OR                                     |     |         |                                            |
| MGMT 30A | Principles of Accounting I             | (4) |
| (Acceptable substitute, ECON 25 preferred) |
Articulation Agreement by Major  
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================================================================================
MATH 4 Mathematics for Economists (4) | MATH 4A & Calculus (4)  
| MATH 4B Differential Equations (4)  
================================================================================
Two introductory Social Science courses in disciplines other than Economics: | Two courses from:  
| ANTH 1 Physical Anthropology (3)  
| ANTH 2 Cultural Anthropology (3)  
| ARCH 3 Principles of Archaeology (3)  
| ENGL 25 Linguistics (3)  
| GEOG 1A Physical Geography (3)  
| GEOG 1B Human Geography (3)  
| GEOG 8 World Regional Geography (3)  
| POLS 1 Introduction to Political Science (3)  
| PSYC 1A 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.  

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  
| OR  

END OF BUSINESS ECONOMICS
Articulation Agreement by Major
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=================================================================================================================================

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

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For information about 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 6 Single-Variable Calculus (4)</td>
</tr>
<tr>
<td>MATH 2B Single-Variable Calculus (4)</td>
</tr>
<tr>
<td>I&amp;C SCI 31 6 Introduction to Programming (4)</td>
</tr>
<tr>
<td>Same as: CSE 41</td>
</tr>
<tr>
<td>I&amp;C SCI 32 6 Programming with Software Libraries (4)</td>
</tr>
<tr>
<td>Same as: CSE 42</td>
</tr>
<tr>
<td>I&amp;C SCI 33 Intermediate Programming (4)</td>
</tr>
<tr>
<td>Same as: CSE 43</td>
</tr>
<tr>
<td>MGMT 30A Principles of Accounting I (4)</td>
</tr>
<tr>
<td>MGMT 30B Principles of Accounting II (4)</td>
</tr>
<tr>
<td>ECON 20A 6 Basic Economics I (4)</td>
</tr>
<tr>
<td>ECON 20B Basic Economics II (4)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ADDITIONAL APPROVED COURSES FOR THE MAJOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>I&amp;C SCI 45J Programming in Java as a Second Language (4)</td>
</tr>
<tr>
<td>IN4MATX 43 Introduction to Software Engineering (4)</td>
</tr>
<tr>
<td>I&amp;C SCI 6D Discrete Mathematics for Computer Science (4)</td>
</tr>
<tr>
<td>MATH 6G Linear Algebra (4)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>I&amp;C SCI 6N Computational Linear Algebra (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: Shasta College  

-------------------------------------------------------------------------------
| STATS 7 | Basic Statistics       (4) | MATH 14 | Introduction to Statistics (4) |
| OR      |                          | OR      |                          |
| STATS 8 | Introduction to Biological Statistics (4) | OR      |                          |
| 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: Shasta 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 about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap

For information about 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>
</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 (4)</td>
</tr>
<tr>
<td>MATH 3D Elementary Differential Equations (4)</td>
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</tbody>
</table>
Articulation Agreement by Major
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<table>
<thead>
<tr>
<th>To: UC Irvine</th>
<th>From: Shasta College</th>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1A</td>
<td>General Chemistry</td>
<td>4</td>
<td>CHEM 1A</td>
<td>General Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 1B</td>
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<td>4</td>
<td>CHEM 1B</td>
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</tr>
<tr>
<td>CHEM 1C</td>
<td>General Chemistry</td>
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<td>CHEM 1LC</td>
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<td>CHEM 1LD</td>
<td>General Chemistry</td>
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<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>CHEM 51A</td>
<td>Organic Chemistry</td>
<td>4</td>
<td>CHEM 70</td>
<td>Organic Chemistry</td>
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<td>CHEM 70A</td>
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<td>Laboratory</td>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>CHEM 51B</td>
<td>Organic Chemistry</td>
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<td>CHEM 70</td>
<td>Organic Chemistry</td>
<td>4</td>
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<tr>
<td>CHEM 51C</td>
<td>Organic Chemistry</td>
<td>4</td>
<td>CHEM 70A</td>
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<td>CHEM 71</td>
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<td>CHEM 71A</td>
<td>Organic Chemistry</td>
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<th>Course Title</th>
<th>Units</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>PHYSICS 7C</td>
<td>Classical Physics</td>
<td>4</td>
<td>PHYS 4A</td>
<td>Physics - Mechanics</td>
<td>4</td>
</tr>
<tr>
<td>PHYSICS 7LC</td>
<td>Classical Physics</td>
<td>1</td>
<td>PHYS 4B</td>
<td>Physics - Electricity and Magnetism</td>
<td>4</td>
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<tr>
<td></td>
<td>Laboratory</td>
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<th>Course Title</th>
<th>Units</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>ENGRMAE 10</td>
<td>Introduction to Engineering Computations</td>
<td>4</td>
<td>CIS 61</td>
<td>C++ Language Programming</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td>OR</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EECS 10</td>
<td>Computational Methods in Electrical and Computer Engineering</td>
<td>4</td>
<td>CIS 61</td>
<td>C++ Language Programming</td>
<td>3</td>
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</table>

**ADDITIONAL MAJOR REQUIREMENTS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>ENGR 54</td>
<td>Principles of Materials Science and Engineering</td>
<td>4</td>
<td>ENGR 45</td>
<td>Properties of Materials</td>
<td>4</td>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>CBEMS 45A</td>
<td>Chemical Processing and Materials Balances</td>
<td>4</td>
</tr>
<tr>
<td>CBEMS 45B</td>
<td>Chemical Processing and Energy Balances</td>
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</tr>
<tr>
<td>CBEMS 45C</td>
<td>Chemical Engineering Thermodynamics</td>
<td>4</td>
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**ADDITIONAL MAJOR ELECTIVES**

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
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<td>Biochemistry</td>
<td>4</td>
</tr>
<tr>
<td>BIO SCI 99</td>
<td>Molecular Biology</td>
<td>4</td>
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</table>

No course articulated
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<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BME 50A &amp; Cell and Molecular</td>
<td>(4)</td>
</tr>
<tr>
<td>BME 50B &amp; Cell and Molecular</td>
<td>(4)</td>
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</tbody>
</table>

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END 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: Shasta 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 about 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**

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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.

<table>
<thead>
<tr>
<th>Shasta College</th>
<th>UC Irvine</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1A</td>
<td>CHEM 1A</td>
</tr>
<tr>
<td>(4)</td>
<td>(5)</td>
</tr>
<tr>
<td>CHEM M2LA</td>
<td>CHEM 1B</td>
</tr>
<tr>
<td>(2)</td>
<td>(5)</td>
</tr>
<tr>
<td>Laboratory</td>
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<tr>
<td>CHEM 1B</td>
<td>CHEM 2A</td>
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<td>(4)</td>
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<tr>
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<tr>
<td>CHEM M2LB</td>
<td>CHEM 2B</td>
</tr>
<tr>
<td>(2)</td>
<td>(5)</td>
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<td>Laboratory</td>
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</tr>
<tr>
<td>CHEM M3C</td>
<td>CHEM 3A</td>
</tr>
<tr>
<td>(3)</td>
<td>(4)</td>
</tr>
<tr>
<td>Analytical Chemistry</td>
<td>Calculus</td>
</tr>
<tr>
<td>MATH 2A</td>
<td>MATH 3A</td>
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<td>(4)</td>
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<tr>
<td>Single-Variable Calculus</td>
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**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

<table>
<thead>
<tr>
<th>Shasta College</th>
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</thead>
<tbody>
<tr>
<td>CHEM M3LC</td>
<td>CHEM 70</td>
</tr>
<tr>
<td>(3)</td>
<td>(4)</td>
</tr>
<tr>
<td>Majors Quantitative</td>
<td>Organic Chemistry</td>
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<td>Analytical Chemistry</td>
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<tr>
<td>CHEM 51A</td>
<td>CHEM 70A</td>
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<td>(4)</td>
<td>(1)</td>
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<tr>
<td>Organic Chemistry</td>
<td>Organic Chemistry</td>
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<tr>
<td>CHEM M52LA</td>
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<tr>
<td>(2)</td>
<td>(1)</td>
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<tr>
<td>Majors Organic</td>
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</table>
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================================================================================
<table>
<thead>
<tr>
<th>Chemistry Laboratory</th>
<th>Laboratory</th>
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</thead>
<tbody>
<tr>
<td>CHEM 51B &amp; Organic Chemistry</td>
<td>(4) CHEM 70 &amp; Organic Chemistry (4)</td>
</tr>
<tr>
<td>CHEM M52LB &amp; Majors Organic</td>
<td>(2) CHEM 70A &amp; Organic Chemistry (1)</td>
</tr>
<tr>
<td>Chemistry Laboratory</td>
<td>Laboratory</td>
</tr>
<tr>
<td>CHEM 51C &amp; Organic Chemistry</td>
<td>(4) CHEM 71 &amp; Organic Chemistry (3)</td>
</tr>
<tr>
<td>CHEM M52LC &amp; Majors Organic</td>
<td>(2) CHEM 71A &amp; Organic Chemistry (2)</td>
</tr>
<tr>
<td>Chemistry Laboratory</td>
<td>Laboratory</td>
</tr>
</tbody>
</table>
================================================================================
| MATH 2D    Multivariable Calculus  | (4) MATH 4A Calculus (4) |
| PHYSICS 7C & Classical Physics     | (4) PHYS 4A & Physics - Mechanics (4) |
| PHYSICS 7LC & Classical Physics    | (1) PHYS 4B & Physics - Electricity (4) |
| Laboratory                         | and Magnetism |
| PHYSICS 7D & Classical Physics     | (4) |
| PHYSICS 7LD & Classical Physics    | (1) |
| 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
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================================================================================
====Chicano/Latino Studies, 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 about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap
For information about Transfer Admission Guarantee for this major, go to http://www.admissions.uci.edu/apply/transfer/guarantee.php

CHC/LAT 61 Introduction to Chicano/Latino Studies I
(4) | No course articulated

CHC/LAT 62 Introduction to Chicano/Latino Studies II
(4) | No course articulated

CHC/LAT 63 Introduction to Chicano/Latino Studies III
(4) | No course articulated

One additional course in Chicano/Latino Studies:
| HIST 35 History of Mexican Americans (3)

One course in African-American or Asian American Studies:
| ENGL 18 African-American Literature (3)
| HIST 25 African American History (3)

Two introductory courses in Social Sciences:
| Two courses from:
| ANTH 1 Physical Anthropology (3)
| ANTH 2 Cultural Anthropology (3)
| ARCH 3 Principles of Archaeology (3)
| ECON 1A Principles of Economics (3) (Micro)
| ECON 1B Principles of Economics (3) (Macro)
| ENGL 25 Linguistics (3)
| GEOG 1A Physical Geography (3)
| GEOG 1B Human Geography (3)
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GEOG 8 | World Regional Geography (3)
POLS 1 | Introduction to Political Science (3)
PSYC 1A | General Psychology (3)
SOC 1 | Introduction to Sociology (3)

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SPANISH 2A | Intermediate Spanish (4)
| SPAN 3 | Spanish 3 (4)

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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 & MATH 2B | Single-Variable Calculus (4)
| MATH 3A & MATH 14 | Calculus and Introduction to Statistics (4)

STATS 7 | Basic Statistics (4)

OR

MGMT 7 | Statistics for Business (4)
| Decision Making

OR

SOC SCI 10A & SOC SCI 10B & SOC SCI 10C | Probability and Statistics in the Social Sciences I, II, 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)
| Same as: CSE 41

OR

SOC SCI 3A | Computer-Based Research (4)
| No course articulated-Course must be completed at UCI

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

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

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

<table>
<thead>
<tr>
<th>CHINESE 1A  &amp;</th>
<th>Fundamental Mandarin</th>
<th>(5)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chinese</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>CHINESE 1B  &amp;</td>
<td>Fundamental Mandarin</td>
<td>(5)</td>
<td></td>
</tr>
<tr>
<td>Chinese</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>CHINESE 1C   &amp;</td>
<td>Fundamental Mandarin</td>
<td>(5)</td>
<td></td>
</tr>
<tr>
<td>Chinese</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHINESE 2A  &amp;</td>
<td>Intermediate Mandarin</td>
<td>(5)</td>
<td>No course articulated</td>
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</tbody>
</table>

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<table>
<thead>
<tr>
<th>Chinese</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHINESE 2B &amp; Intermediate Mandarin (5)</td>
</tr>
<tr>
<td>CHINESE 2C &amp; Intermediate Mandarin (5)</td>
</tr>
</tbody>
</table>

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

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**EMPHASIS IN CHINESE LANGUAGE AND LITERATURE ADD:**

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

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

**LOWER-DIVISION WRITING**

| ENGL 1A | College Composition (4) |
| ENGL 1B | Literature and Composition (3) |
| ENGL 1C | Critical Reasoning, Reading and Writing (3) |

**ENGLISH LITERATURE**

| ENGL 10A | World Literature - to 1650 (3) |
| ENGL 10B | World Literature - after 1650 (3) |
| ENGL 11A | A Survey of American Literature-Precolonial to 1860 (3) |
| ENGL 11B | Survey/American Literature-1860 to the Present (3) |
| ENGL 13A | A Survey of English Literature-Old English Period through Neoclassicism (3) |
| ENGL 13B | A Survey of English Literature-from the Romantic Period to the Present (3) |
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| ENGL 16     Poetry                  (3) |
| HISTORY |
| HIST 1A     History of Western      (3) |
|            Civilization              |
| HIST 1B     History of Western      (3) |
|            Civilization              |
| HIST 2     World Civilization to    (3) |
|            1500 C.E.                 |
| HIST 3     World Civilization      (3) |
|            1500 to Present          |
| HIST 17A   United States History    (3) |
| HIST 17B   United States History    (3) |
| HIST 36    History of the Far       (3) |
|            East                     |
| PHILOSOPHY |
| PHIL 6    Introduction to Philosophy (3) |
| PHIL 7    Ethics: Understanding     (3) |
|            Right and Wrong          |
| OR | OR |
| HUMAN 1A  &  Humanities Core Lecture (4) | No course articulated |
| 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) |

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

For information about 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 |
| MATH 2B    | Single-Variable Calculus | 4 |
| MATH 2D    | Multivariable Calculus   | 4 |
| MATH 2E    | Multivariable Calculus   | 4 |
| MATH 3A    | Introduction to Linear Algebra | 4 |
| MATH 3A    | Calculus                 | 4 |
| MATH 3B    | Calculus                 | 5 |
| MATH 4A    | Calculus                 | 4 |
| MATH 6     | Linear Algebra           | 3 |
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<tr>
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<tbody>
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</tbody>
</table>

MATH 3D Elementary Differential Equations (4) | MATH 4B Differential Equations (4) |

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

<table>
<thead>
<tr>
<th>ENGR 1A &amp; General Chemistry for Engineers (4)</th>
<th>CHEM 1A General Chemistry (5)</th>
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</thead>
<tbody>
<tr>
<td>CHEM 1B General Chemistry (4)</td>
<td></td>
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<tr>
<td>OR</td>
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</tr>
<tr>
<td>CHEM 1A &amp; General Chemistry (4)</td>
<td>CHEM 1B General Chemistry (4)</td>
</tr>
<tr>
<td>CHEM 1B General Chemistry (4)</td>
<td>AND</td>
</tr>
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<td>CHEM 1C &amp; General Chemistry Laboratory (4)</td>
<td>CHEM 1B General Chemistry (5)</td>
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<tr>
<td>OR</td>
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<tr>
<td>CHEM 1LE Accelerated General Chemistry Laboratory (3)</td>
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<table>
<thead>
<tr>
<th>ENGRCEE 20 Engineering Problem Solving (4)</th>
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MAJOR PREPARATION COURSES NECESSARY TO GRADUATE IN 2 YEARS  

<table>
<thead>
<tr>
<th>ENGRCEE 11 Methods II: Probability and Statistics (4)</th>
<th>MATH 14 Introduction to Statistics (4)</th>
</tr>
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<tbody>
<tr>
<td>ENGRMAE 30 Statics Same as: ENGR 30, ENGRCEE 30 (4)</td>
<td>ENGR 35 Statics (3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ENGRCEE 81A Civil Engineering Practicum I (3)</th>
<th>No course articulated</th>
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</table>

ADDITIONAL MAJOR REQUIREMENTS  

<table>
<thead>
<tr>
<th>ENGRCEE 21 Computational Problem Solving (4)</th>
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<tbody>
<tr>
<td>ENGRCEE 81B Civil Engineering Practicum II (3)</td>
<td>No course articulated</td>
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<tr>
<td>ECON 20A Basic Economics I (4)</td>
<td>ECON 1A Principles of Economics (3) (Micro)</td>
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<tr>
<td>ECON 20B Basic Economics II (4)</td>
<td>ECON 1B Principles of Economics (3) (Macro)</td>
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<table>
<thead>
<tr>
<th>Course</th>
<th>Course Title</th>
<th>Units</th>
<th>Articulation</th>
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<tbody>
<tr>
<td>ENGRCEE 60</td>
<td>Contemporary and Emerging Environmental Challenges</td>
<td>(4)</td>
<td>No course articulated</td>
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<td>OR</td>
<td>OR</td>
<td></td>
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</tr>
<tr>
<td>SOCECOL E8</td>
<td>Introduction to Environmental Analysis and Design</td>
<td>(4)</td>
<td>AGNR 60 Environmental Science (3)</td>
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</tbody>
</table>

**ADDITIONAL MAJOR ELECTIVES**

One course from the following:

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<tr>
<th>Course</th>
<th>Course Title</th>
<th>Units</th>
<th>Articulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>EECS 70A</td>
<td>Network Analysis I</td>
<td>(4)</td>
<td>ENGR 17 Circuits and Devices (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>AND</td>
<td>AND</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGR 7B</td>
<td>Introduction to Engineering II</td>
<td>(2)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>ENGR 54</td>
<td>Principles of Materials Science and Engineering</td>
<td>(4)</td>
<td>ENGR 45 Properties of Materials (4)</td>
</tr>
<tr>
<td>ENGRMAE 80</td>
<td>Dynamics</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>Same as: ENGR 80, ENGRCEE 80</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>ENGRMAE 91</td>
<td>Introduction to Thermodynamics</td>
<td>(4)</td>
<td>No course articulated</td>
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</tbody>
</table>

One course from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Title</th>
<th>Units</th>
<th>Articulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 55</td>
<td>Introduction to Ecology</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 65</td>
<td>Biodiversity and Conservation</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 93</td>
<td>From DNA to Organisms</td>
<td>(4)</td>
<td>BIOL 1 Principles of Biology (4)</td>
</tr>
<tr>
<td>EARTHSS 1</td>
<td>The Physical Environment</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EARTHSS 3</td>
<td>Oceanography</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EARTHSS 5</td>
<td>The Atmosphere</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EARTHSS 7</td>
<td>Physical Geology</td>
<td>(5)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EARTHSS 15</td>
<td>Introduction to Global Climate Change</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EARTHSS 17</td>
<td>Hurricanes, Tsunamis, and other Catastrophes</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>
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| EARTHSS 19 | Introduction to Modeling the Earth System | (4) | No course articulated |

END OF CIVIL ENGINEERING
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To: UC Irvine | From: Shasta College

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

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

For information about 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

| Greek Focus: | Greek Focus: |
| CLASSIC 36A & The Formation of Ancient Greek Society: (4)|No course articulated |
| Early Greece |

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

To: UC Irvine
From: Shasta College

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

<table>
<thead>
<tr>
<th>Latin Focus:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLASSIC 37A &amp; The Formation of (4)</td>
</tr>
<tr>
<td>Ancient Roman Society:</td>
</tr>
<tr>
<td>Origins to Roman</td>
</tr>
<tr>
<td>Republic</td>
</tr>
</tbody>
</table>

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

--------------------------------------------------------------------------------
C. Classical Civilization Emphasis

--------------------------------------------------------------------------------
CLASSIC 36A & The Formation of (4) | No course articulated |
Ancient Greek Society: |
Early Greece |

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

To: UC Irvine  
From: Shasta College  

<table>
<thead>
<tr>
<th>Same as: HISTORY 36A</th>
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<tbody>
<tr>
<td>CLASSIC 36B</td>
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<tr>
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<tr>
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</tr>
<tr>
<td>Ancient Greek Society:</td>
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<tr>
<td>Fourth-Century and</td>
</tr>
<tr>
<td>Hellenistic Greece</td>
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<td>Same as: HISTORY 36C</td>
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OR

<table>
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<tbody>
<tr>
<td>CLASSIC 37A</td>
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<tr>
<td>The Formation of</td>
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<tr>
<td>Ancient Roman Society:</td>
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<tr>
<td>Origins to Roman</td>
</tr>
<tr>
<td>Republic</td>
</tr>
<tr>
<td>Same as: HISTORY 37A</td>
</tr>
<tr>
<td>CLASSIC 37B</td>
</tr>
<tr>
<td>The Formation of</td>
</tr>
<tr>
<td>Ancient Roman Society:</td>
</tr>
<tr>
<td>Roman Empire</td>
</tr>
<tr>
<td>Same as: HISTORY 37B</td>
</tr>
<tr>
<td>CLASSIC 37C</td>
</tr>
<tr>
<td>The Formation of</td>
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<tr>
<td>Ancient Roman Society:</td>
</tr>
<tr>
<td>The Fall of Rome</td>
</tr>
<tr>
<td>Same as: HISTORY 37C</td>
</tr>
</tbody>
</table>

OR

<table>
<thead>
<tr>
<th>Same as: HISTORY 36C</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLASSIC 45A</td>
</tr>
<tr>
<td>Classical Mythology:</td>
</tr>
<tr>
<td>The Gods</td>
</tr>
<tr>
<td>CLASSIC 45B</td>
</tr>
<tr>
<td>Classical Mythology:</td>
</tr>
<tr>
<td>The Heroes</td>
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<tr>
<td>CLASSIC 45C</td>
</tr>
<tr>
<td>Classical Mythology:</td>
</tr>
<tr>
<td>Ancient and Modern</td>
</tr>
<tr>
<td>Perspectives of</td>
</tr>
<tr>
<td>Classical Mythology</td>
</tr>
</tbody>
</table>

GREEK 1A          |
Fundamentals of Greek (5) No course articulated

OR

LATIN 1A          |
Fundamentals of Latin (5) No course articulated

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

<p>| | | |</p>
<table>
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<tbody>
<tr>
<td>GREEK 1A</td>
<td>Fundamentals of Greek (5) No course articulated</td>
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</tr>
<tr>
<td>GREEK 1B</td>
<td>Fundamentals of Greek (5)</td>
<td></td>
</tr>
<tr>
<td>GREEK 1C</td>
<td>Fundamentals of Greek (5) OR</td>
<td></td>
</tr>
<tr>
<td>LATIN 1A</td>
<td>Fundamentals of Latin (5) No course articulated</td>
<td></td>
</tr>
<tr>
<td>LATIN 1B</td>
<td>Fundamentals of Latin (5)</td>
<td></td>
</tr>
<tr>
<td>LATIN 1C</td>
<td>Fundamentals of Latin (5) OR</td>
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<tr>
<td>FREN 4</td>
<td>Intermediate French (3)</td>
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<tr>
<td>GERMT 4</td>
<td>Intermediate German (3)</td>
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</tr>
<tr>
<td>JAPN 4</td>
<td>Japanese 4     (5)</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RUSS 4</td>
<td>Intermediate Russian (5)</td>
<td></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>
<th>From: Shasta College</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASL 4 American Sign Language 4 (4)</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>SPAN 4 Spanish 4 (4)</td>
<td></td>
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</table>

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>LOWER-DIVISION WRITING</strong></td>
<td></td>
</tr>
<tr>
<td>ENGL 1A College Composition (4)</td>
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</tr>
<tr>
<td>ENGL 1B Literature and Composition (3)</td>
<td></td>
</tr>
<tr>
<td>ENGL 1C Critical Reasoning, Reading and Writing (3)</td>
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<table>
<thead>
<tr>
<th></th>
<th>LITERATURE</th>
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<tbody>
<tr>
<td>ENGL 10A World Literature - to 1650 (3)</td>
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<tr>
<td>ENGL 10B World Literature - after 1650 (3)</td>
<td></td>
</tr>
<tr>
<td>ENGL 11A A Survey of American Literature-Precolonial to 1860 (3)</td>
<td></td>
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<tr>
<td>ENGL 11B Survey/American Literature-1860 to the Present (3)</td>
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<tr>
<td>ENGL 13A A Survey of English Language-Old English Period through Neoclassicism (3)</td>
<td></td>
</tr>
<tr>
<td>ENGL 13B A Survey of English Literature-from the Romantic Period to the Present (3)</td>
<td></td>
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<tr>
<td>ENGL 16 Poetry (3)</td>
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<table>
<thead>
<tr>
<th></th>
<th>HISTORY</th>
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</thead>
<tbody>
<tr>
<td>HIST 1A History of Western Civilization (3)</td>
<td></td>
</tr>
<tr>
<td>HIST 1B History of Western Civilization (3)</td>
<td></td>
</tr>
<tr>
<td>HIST 2 World Civilization to 1500 C.E. (3)</td>
<td></td>
</tr>
<tr>
<td>HIST 3 World Civilization 1500 to Present (3)</td>
<td></td>
</tr>
<tr>
<td>HIST 17A United States History (3)</td>
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<tr>
<td>HIST 17B United States History (3)</td>
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<tr>
<td>HIST 36 History of the Far East (3)</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>PHILOSOPHY</th>
</tr>
</thead>
</table>
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
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| PHIL 6  Introduction to Philosophy | (3) |
| PHIL 7  Ethics: Understanding Right and Wrong | (3) |

OR  
HUMAN 1A & Humanities Core Lecture (4) | No course articulated  
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)  

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

END OF CLASSICS
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Shasta 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 about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap

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

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>PSYCH 9A</td>
<td>Psychology Fundamentals</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Same as: PSY BEH 11A</td>
<td></td>
</tr>
<tr>
<td>PSYCH 9B</td>
<td>Psychology Fundamentals</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Same as: PSY BEH 11B</td>
<td></td>
</tr>
<tr>
<td>PSYCH 9C</td>
<td>Psychology Fundamentals</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Same as: PSY BEH 11C</td>
<td></td>
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<tr>
<td></td>
<td>PSYC 1A &amp; PSYC 15 &amp; PSYC 17</td>
<td></td>
</tr>
<tr>
<td></td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>MATH 2A &amp;</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>STATS 7</td>
<td>Basic Statistics</td>
<td>4</td>
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<td></td>
<td>MATH 14</td>
<td></td>
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<tr>
<td></td>
<td>Introduction to Statistics</td>
<td>4</td>
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</tbody>
</table>

ADDITIONAL CONCENTRATION PREPARATION

Concentration 1: Cognitive Neuroscience
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine  |  From: Shasta College

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 35</td>
<td>The Brain and Behavior</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 36</td>
<td>Drugs and the Brain</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 37</td>
<td>Brain Dysfunction and Repair</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 38</td>
<td>Mind, Memory, Amnesia, and the Brain</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 93</td>
<td>From DNA to Organisms</td>
<td>4</td>
<td>BIOL 1 Principles of Biology 4</td>
</tr>
<tr>
<td>BIO SCI 94</td>
<td>From Organisms to Ecosystems</td>
<td>4</td>
<td>BOT 1 General Botany 4 OR ZOOL 1 General Zoology 4</td>
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**Concentration 2: Experimental Psychology - Sensation, Perception, Attention & Memory**

<table>
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<tr>
<td>PHYSICS 3A &amp; 6</td>
<td>Basic Physics</td>
<td>4</td>
<td>No course articulated</td>
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<tr>
<td>PHYSICS 3B &amp; 6</td>
<td>Basic Physics</td>
<td>4</td>
<td></td>
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<tr>
<td>PHYSICS 3LB &amp; 1.5</td>
<td>Basic Physics Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICS 3C &amp; 6</td>
<td>Basic Physics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 3LC &amp; 1.5</td>
<td>Basic Physics Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7C &amp; 6</td>
<td>Classical Physics</td>
<td>4</td>
<td>PHYS 4A &amp; 4 Mechanics</td>
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<tr>
<td>PHYSICS 7LC &amp; 1</td>
<td>Classical Physics Laboratory</td>
<td></td>
<td>PHYS 4B &amp; 4 Electricity and Magnetism</td>
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<tr>
<td>PHYSICS 7D &amp; 4</td>
<td>Classical Physics</td>
<td>4</td>
<td>PHYS 4C Physics (Heat, Waves, Optics, and Modern Physics)</td>
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<tr>
<td>PHYSICS 7LD &amp; 1</td>
<td>Classical Physics Laboratory</td>
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<td></td>
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<tr>
<td>PHYSICS 7E &amp; 4</td>
<td>Classical Physics</td>
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**Concentration 3: Language Science**

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>BIO SCI 35</td>
<td>The Brain and Behavior</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>LINGUIS 3</td>
<td>Introduction to Linguistics</td>
<td>4</td>
<td>ENGL 25 Linguistics 3</td>
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<tr>
<td>LINGUIS 51</td>
<td>Acquisition of Language</td>
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<td>No course articulated</td>
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<tr>
<td>OR</td>
<td>PSYCH 56L Acquisition of Language</td>
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<td>Same as: LINGUIS 51</td>
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<tr>
<td>LINGUIS 10</td>
<td>Introduction to Phonology</td>
<td>4</td>
<td>No course articulated</td>
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</table>
Articulation Agreement by Major  
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<table>
<thead>
<tr>
<th>Course</th>
<th>UC Irvine</th>
<th>Shasta College</th>
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<tbody>
<tr>
<td>LINGUIS 20</td>
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<td>Introduction to Syntax (4)</td>
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<tr>
<td><strong>Concentration 4: Computational Cognitive Science</strong></td>
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<tr>
<td>I&amp;C SCI 31</td>
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<td>Introduction to Programming (4)</td>
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<tr>
<td>MATH 3A</td>
<td></td>
<td>Introduction to Linear Algebra (4)</td>
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<tr>
<td><strong>TWO ADDITIONAL COURSES APPROVED FOR THE MAJOR</strong></td>
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<tr>
<td>I&amp;C SCI 32</td>
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<td>Programming with Software Libraries (4)</td>
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<td>Same as: CSE 42</td>
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<tr>
<td>LINGUIS 3</td>
<td></td>
<td>Introduction to Linguistics (4)</td>
</tr>
<tr>
<td>LINGUIS 10</td>
<td></td>
<td>Introduction to Phonology (4)</td>
</tr>
<tr>
<td>LINGUIS 20</td>
<td></td>
<td>Introduction to Syntax (4)</td>
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<td>LINGUIS 51</td>
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<tr>
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<tr>
<td>OR</td>
<td></td>
<td>PSYCH 56L Acquisition of Language (4)</td>
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<td>MATH 2D</td>
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<td>Multivariable Calculus (4)</td>
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<td>MATH 2E</td>
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<td>Multivariable Calculus (4)</td>
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<tr>
<td>MATH 3D</td>
<td></td>
<td>Elementary Differential Equations (4)</td>
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<tr>
<td>MATH 4</td>
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<td>Mathematics for Economists (4)</td>
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<tr>
<td>LINGUIS 1</td>
<td></td>
<td>Languages of the World (4)</td>
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<tr>
<td>PHILOS 30</td>
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<td>Introduction to Symbolic Logic (4)</td>
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<td>Same as: LPS 30</td>
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<td></td>
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<tr>
<td>PHILOS 31</td>
<td></td>
<td>Introduction to Inductive Logic (4)</td>
</tr>
<tr>
<td>Same as: LPS 31</td>
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</table>
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<table>
<thead>
<tr>
<th>To: UC Irvine</th>
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</tr>
</thead>
</table>

| PHYSICS 15 | Physics of Music | (4) | No course articulated |

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

====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

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

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

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

| COM LIT 60A & World Literature (4) | Two courses from: |
| COM LIT 60B & Reading with Theory (4) | ENGL 10A World Literature - to (3) |
| COM LIT 60C & Cultural Studies (4) | ENGL 10B World Literature - (3) |
| | after 1650 |
| | ENGL 11A A Survey of American (3) |
| | Literature-Precolonial |
| | to 1860 |
| | ENGL 11B Survey/American (3) |
### Articulation Agreement by Major

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

Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine  
From: Shasta College

<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></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ENGL 12</strong> Introduction to Short Fiction (3)</td>
<td></td>
</tr>
<tr>
<td><strong>ENGL 13A</strong> A Survey of English Literature-Old English Period through Neoclassicism (3)</td>
<td></td>
</tr>
<tr>
<td><strong>ENGL 13B</strong> A Survey of English Literature-from the Romantic Period to the Present (3)</td>
<td></td>
</tr>
<tr>
<td><strong>ENGL 16</strong> Poetry (3)</td>
<td></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:

<table>
<thead>
<tr>
<th>LOWER-DIVISION WRITING</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ENGL 1A</strong> College Composition (4)</td>
<td></td>
</tr>
<tr>
<td><strong>ENGL 1B</strong> Literature and Composition (3)</td>
<td></td>
</tr>
<tr>
<td><strong>ENGL 1C</strong> Critical Reasoning, Reading and Writing (3)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ENGLISH LITERATURE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ENGL 10A</strong> World Literature - to 1650 (3)</td>
<td></td>
</tr>
<tr>
<td><strong>ENGL 10B</strong> World Literature - after 1650 (3)</td>
<td></td>
</tr>
<tr>
<td><strong>ENGL 11A</strong> A Survey of American Literature-Precolonial to 1860 (3)</td>
<td></td>
</tr>
<tr>
<td><strong>ENGL 11B</strong> Survey/American Literature-1860 to the Present (3)</td>
<td></td>
</tr>
<tr>
<td><strong>ENGL 13A</strong> A Survey of English Literature-Old English (3)</td>
<td></td>
</tr>
</tbody>
</table>
Articulation Agreement by Major
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| Period through Neoclassicism |
| ENGL 13B A Survey of English (3) |
| Literature-from the Romantic Period to the Present |
| ENGL 16 Poetry (3) |

HISTORY

| HIST 1A History of Western Civilization (3) |
| HIST 1B History of Western Civilization (3) |
| HIST 2 World Civilization to 1500 C.E. (3) |
| HIST 3 World Civilization to 1500 to Present (3) |
| HIST 17A United States History (3) |
| HIST 17B United States History (3) |
| HIST 36 History of the Far East (3) |

PHILOSOPHY

| PHIL 6 Introduction to Philosophy (3) |
| PHIL 7 Ethics: Understanding Right and Wrong (3) |

| OR |
| OR |
| HUMAN 1A & Humanities Core Lecture (4) | No course articulated |
| 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) |

END OF COMPARATIVE LITERATURE
Articulation Agreement by Major
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To: UC Irvine                      | From: Shasta College
====================================================================

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

For information about 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 *  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>
# 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: Shasta College</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
<th>Matched Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 3D</td>
<td>Elementary Differential Equations</td>
<td>(4)</td>
<td>MATH 4B</td>
</tr>
<tr>
<td>PHYSICS 7C</td>
<td>Classical Physics</td>
<td>(4)</td>
<td>PHYSICS 4A</td>
</tr>
<tr>
<td>PHYSICS 7LC</td>
<td>Classical Physics</td>
<td>(1)</td>
<td>PHYSICS 4B</td>
</tr>
<tr>
<td>PHYSICS 7D</td>
<td>Classical Physics</td>
<td>(4)</td>
<td>PHYSICS 4C</td>
</tr>
<tr>
<td>PHYSICS 7LD</td>
<td>Classical Physics</td>
<td>(1)</td>
<td>PHYSICS 4C</td>
</tr>
<tr>
<td>EECS 12</td>
<td>Introduction to Programming</td>
<td>(4)</td>
<td>CIS 61</td>
</tr>
<tr>
<td>EECS 70A</td>
<td>Network Analysis I</td>
<td>(4)</td>
<td>ENGR 17</td>
</tr>
<tr>
<td>EECS 70LA</td>
<td>Network Analysis I Laboratory</td>
<td>(1)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

## MAJOR PREPARATION COURSES NECESSARY TO GRADUATE IN 2 YEARS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
<th>Matched Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>EECS 20</td>
<td>Computer Systems and Programming in C</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EECS 22</td>
<td>Advanced C Programming</td>
<td>(3)</td>
<td>CIS 65</td>
</tr>
<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>EECS 1</td>
<td>Introduction to Electrical Engineering and Computer Engineering</td>
<td>(1)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EECS 22L</td>
<td>Software Engineering Project in C Language</td>
<td>(3)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EECS 31</td>
<td>Introduction to Digital Systems</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EECS 31L</td>
<td>Introduction to Digital Logic Laboratory</td>
<td>(3)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EECS 40</td>
<td>Object-Oriented Systems and Programming</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EECS 50</td>
<td>Discrete-Time Signals and Systems</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

## ADDITIONAL MAJOR REQUIREMENTS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
<th>Matched Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>EECS 1</td>
<td>Introduction to Electrical Engineering and Computer Engineering</td>
<td>(1)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EECS 22L</td>
<td>Software Engineering Project in C Language</td>
<td>(3)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EECS 31</td>
<td>Introduction to Digital Systems</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EECS 31L</td>
<td>Introduction to Digital Logic Laboratory</td>
<td>(3)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EECS 40</td>
<td>Object-Oriented Systems and Programming</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EECS 50</td>
<td>Discrete-Time Signals and Systems</td>
<td>(4)</td>
<td>No course articulated</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: Shasta College

<table>
<thead>
<tr>
<th>Course</th>
<th></th>
<th>Credit</th>
<th>Articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>EECS 55</td>
<td>Engineering Probability</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EECS 70B &amp; EECS 70LB</td>
<td>Network Analysis II</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<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>MATH 4A Calculus (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>PHYS 4C Physics (Heat, Waves, Optics, and Modern Physics)</td>
</tr>
<tr>
<td>ENGR 7A</td>
<td>Introduction to Engineering I</td>
<td>(2)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>AND</td>
<td></td>
<td></td>
<td></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
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine  |  From: Shasta College
=====================================================================

====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 about 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
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
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To: UC Irvine  
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MATH 2A & MATH 2B  
Single-Variable Calculus (4) 
Single-Variable Calculus (4)

| MATH 3A & MATH 3B  
Calculus (4)  
Calculus (5)

| I&C SCI 31 & I&C SCI 32 & I&C SCI 33  
Introduction to Programming  
Programming with Software Libraries  
Intermediate Programming

| Same as: CSE 41  
Same as: CSE 42  
Same as: CSE 43

ADDITIONAL APPROVED COURSES FOR THE MAJOR

| I&C SCI 45C  
Programming in C/C++ as a Second Language

| Same as: CSE 45C

| I&C SCI 46  
Data Structure Implementation and Analysis

| Same as: CSE 46

| I&C SCI 51  
Introductory Computer Organization

| IN4MATX 43  
Introduction to Software Engineering

| I&C SCI 60  
Computer Games and Society

| I&C SCI 61  
Game Systems and Design

| I&C SCI 62  
Game Technologies and Interactive Media

| I&C SCI 6N  
Computational Linear Algebra

| OR  
MATH 3A  
Introduction to Linear Algebra

| OR  
MATH 6  
Linear Algebra (3)

| I&C SCI 6D  
Discrete Mathematics for Computer Science

| I&C SCI 6B  
Boolean Algebra and Logic

| STATS 67  
Introduction to Probability and
Articulation Agreement by Major  
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<table>
<thead>
<tr>
<th>Statistics for Computer</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Science</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PHYSICS 3A</th>
<th>Basic Physics</th>
<th>(4)</th>
<th>PHYS 4A</th>
<th>Physics - Mechanics</th>
<th>(4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(This course is not directly articulated with PHYSICS 3A but is an acceptable substitute for transfer preparation for this major.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| FLM&MDA 85A  | Introduction to Film and Visual Analysis  | (4) | No course articulated-Course to be completed at UCI |

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: Shasta 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 about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.ucl.edu/informationforprospectivestudents/undergraduateadmissions/#ap

For information about Transfer Admission Guarantee for this major, go to
Articulation Agreement by Major
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<thead>
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</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 &amp; Classical Physics (4)</td>
</tr>
<tr>
<td>PHYSICS 7LC Classical Physics</td>
</tr>
<tr>
<td>PHYSICS 7D Classical Physics (4)</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>

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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 |

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

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ADDITIONAL APPROVED COURSES FOR THE MAJOR

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Mathematics and Basic Science Courses:

| MATH 2D Multivariable Calculus (4) | MATH 4A Calculus (4) |
| MATH 3A Introduction to Linear Algebra (4) | MATH 6 Linear Algebra (3) |
| MATH 3D Elementary Differential Equations (4) | MATH 4B Differential Equations (4) |
| I&C SCI 6B Boolean Algebra and Logic (4) | No course articulated |

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

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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Articulated as</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 Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Articulated as</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>
<td>No course articulated</td>
</tr>
<tr>
<td>CSE 70A</td>
<td>Network Analysis I</td>
<td>4</td>
<td>ENGR 17 Circuits and Devices</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>
</tr>
</tbody>
</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: Shasta College  
================================================================================  
====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 about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap

For information about Transfer Admission Guarantee for this major, go to
Articulation Agreement by Major
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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>
</tbody>
</table>

| I&C SCI 31 & Introduction to Programming (4) | No course articulated |
|-----------------------------------------------|
| Same as: CSE 41 |

| I&C SCI 32 & Programming with Software Libraries (4) | No course articulated |
|-----------------------------------------------|
| Same as: CSE 42 |

| I&C SCI 33 & Intermediate Programming (4) | No course articulated |
|-----------------------------------------------|
| Same as: CSE 43 |

<table>
<thead>
<tr>
<th>ADDITIONAL APPROVED COURSES FOR THE MAJOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>I&amp;C SCI 45C Programming in C/C++ (4)</td>
</tr>
<tr>
<td>as a Second Language</td>
</tr>
<tr>
<td>Same as: CSE 45C</td>
</tr>
</tbody>
</table>

| I&C SCI 46 Data Structure Implementation and Analysis (4) | No course articulated |
|-----------------------------------------------|
| Same as: CSE 46 |

| I&C SCI 51 Introductory Computer Organization (6) | No course articulated |
|-----------------------------------------------|

| IN4MATX 43 Introduction to Software Engineering (4) | No course articulated |
|-----------------------------------------------|

| I&C SCI 53 Principles in System Design (4) | No course articulated |
|-----------------------------------------------|

| I&C SCI 53L Principles in System Design Laboratory (2) | No course articulated |
|-----------------------------------------------|

| I&C SCI 90 New Students Seminar (1) | No course articulated |
|-----------------------------------------------|

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

| I&C SCI 6D Discrete Mathematics for Computer Science (4) | No course articulated |
|-----------------------------------------------|
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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

To: UC Irvine  
| From: Shasta College

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

====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 about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to  
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For information about Transfer Admission Guarantee for this major, go to  
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---

<table>
<thead>
<tr>
<th>CRM/LAW C7</th>
<th>Introduction to Criminology, Law and Society</th>
<th>(4)</th>
<th>ADJU 10</th>
<th>Introduction to the Administration of Justice</th>
<th>(3)</th>
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</thead>
<tbody>
<tr>
<td>CRM/LAW C10</td>
<td>Fundamentals of Criminology, Law and Society</td>
<td>(4)</td>
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<tr>
<td>SOCECOL E8</td>
<td>Introduction to Environmental Analysis and Design</td>
<td>(4)</td>
<td>AGNR 60</td>
<td>Environmental Science</td>
<td>(3)</td>
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<tr>
<td>PPD 4</td>
<td>Introduction to Urban Studies</td>
<td>(4)</td>
<td>No course articulated</td>
<td></td>
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</tr>
<tr>
<td>PSY BEH 9</td>
<td>Introduction to Psychology</td>
<td>(4)</td>
<td>PSYC 1A</td>
<td>General Psychology</td>
<td>(3)</td>
</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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<td></td>
</tr>
<tr>
<td>PSY BEH 11C</td>
<td>Psychology Fundamentals</td>
<td>(4)</td>
<td>PSYC 1A &amp; PSYC 15</td>
<td>General Psychology &amp; Social Psychology</td>
<td>(3)</td>
</tr>
</tbody>
</table>

| SOCECOL 10 | Research Design | (4) | No course articulated | |
| SOCECOL 13 | Statistical Analysis in Social Ecology | (4) | MATH 14 | Introduction to Statistics | (4) |

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END OF CRIMINOLOGY, LAW AND SOCIETY
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Articulation Agreement by Major
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Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Shasta 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 about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap

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

B.A. or B.F.A.

<table>
<thead>
<tr>
<th>Dance 2</th>
<th>Dance Health and Injury Prevention (4)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>DANCE 21A</td>
<td>Music for Dancers (4)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>
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================================================================================
DANCE 60A    Choreography I           (4)|No course articulated
================================================================================
DANCE 90A & Dance History            (4)|Students may not take equivalent
dance History            (4)|courses outside of UCI after
DANCE 90C  Dance History            (4)|matriculation; DANCE 90ABC must be
taken in residence.

One course in Ethnic, Mexican, Social, |One course from:
Spanish, Character or Tap Dance          |DAN 50A    Beginning Tap Dance     (1)
================================================================================
B.F.A. CHOREOGRAPHY AND PERFORMANCE SPECIALIZATIONS ADD:
================================================================================
DRAMA 30A    Acting                   (4)|THTR 12    Acting I                (2)
================================================================================
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,|Four units from:
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
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====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 about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to
http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap

For information about Transfer Admission Guarantee for this major, go to
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---------------------------------------------------------------------
MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER
---------------------------------------------------------------------

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A</td>
<td>Single-Variable Calculus</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>MATH 3A Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2B</td>
<td>Single-Variable Calculus</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>MATH 3B Calculus</td>
<td>5</td>
</tr>
</tbody>
</table>
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<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>STATS 7</td>
<td>Basic Statistics</td>
<td>4</td>
</tr>
<tr>
<td>MATH 14</td>
<td>Introduction to Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>I&amp;C SCI 31</td>
<td>Introduction to Programming</td>
<td>4</td>
</tr>
<tr>
<td>Same as: CSE 41</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I&amp;C SCI 32</td>
<td>Programming with Software Libraries</td>
<td>4</td>
</tr>
<tr>
<td>Same as: CSE 42</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I&amp;C SCI 33</td>
<td>Intermediate Programming</td>
<td>4</td>
</tr>
<tr>
<td>Same as: CSE 43</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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ADDITIONAL APPROVED COURSES FOR THE MAJOR

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>I&amp;C SCI 6B</td>
<td>Boolean Algebra and Logic</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 6D</td>
<td>Discrete Mathematics for Computer Science</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 45C</td>
<td>Programming in C/C++ as a Second Language</td>
<td>4</td>
</tr>
<tr>
<td>Same as: CSE 45C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I&amp;C SCI 46</td>
<td>Data Structure Implementation and Analysis</td>
<td>4</td>
</tr>
<tr>
<td>Same as: CSE 46</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I&amp;C SCI 51</td>
<td>Introductory Computer Organization</td>
<td>6</td>
</tr>
<tr>
<td>IN4MATX 43</td>
<td>Introduction to Software Engineering</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2D</td>
<td>Multivariable Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>Introduction to Linear Algebra</td>
<td>4</td>
</tr>
<tr>
<td>MATH 4A</td>
<td>Calculus</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I&amp;C SCI 6N</td>
<td>Computational Linear Algebra</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STATS 68</td>
<td>Statistical Computing and Exploratory Data Analysis</td>
<td>4</td>
</tr>
</tbody>
</table>

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END OF DATA SCIENCE
Articulation Agreement by Major
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To: UC Irvine | From: Shasta College
===============================================

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

For information about 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 Name</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 SCI 94</td>
<td>From Organisms to Ecosystems</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 1</td>
<td>Principles of Biology</td>
<td>4</td>
</tr>
<tr>
<td>BOT 1</td>
<td>General Botany</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td>General Zoology</td>
<td>4</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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<thead>
<tr>
<th>SHASTA COURSE</th>
<th>UC IRVINE COURSE</th>
<th>UC IRVINE UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1A &amp; General Chemistry (4)</td>
<td>CHEM 1A &amp; General Chemistry (5)</td>
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</tr>
<tr>
<td>CHEM 1B &amp; General Chemistry (4)</td>
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<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>Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 1LD General Chemistry (2)</td>
<td>Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 51A &amp; Organic Chemistry (4)</td>
<td>CHEM 70 &amp; Organic Chemistry (4)</td>
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<tr>
<td>CHEM 51LB Organic Chemistry (2)</td>
<td>CHEM 70A Organic Chemistry (1)</td>
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<tr>
<td>CHEM 51B &amp; Organic Chemistry (4)</td>
<td>CHEM 70 &amp; Organic Chemistry (4)</td>
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<tr>
<td>CHEM 51C &amp; Organic Chemistry (4)</td>
<td>CHEM 70A &amp; Organic Chemistry (1)</td>
<td>Laboratory</td>
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<td>Laboratory</td>
<td>CHEM 71 &amp; Organic Chemistry (3)</td>
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<td>CHEM 71A Organic Chemistry (2)</td>
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### ADDITIONAL APPROVED COURSES FOR THE MAJOR

<table>
<thead>
<tr>
<th>SHASTA COURSE</th>
<th>UC IRVINE COURSE</th>
<th>UC IRVINE UNITS</th>
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</thead>
<tbody>
<tr>
<td>BIO SCI 97 Genetics (4)</td>
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<tr>
<td>BIO SCI 98 Biochemistry (4)</td>
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<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 99 Molecular Biology (4)</td>
<td></td>
<td>No course articulated</td>
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</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>SHASTA COURSE</th>
<th>UC IRVINE COURSE</th>
<th>UC IRVINE UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A &amp; Single-Variable Calculus (4)</td>
<td>MATH 3A &amp; Calculus (4)</td>
<td></td>
</tr>
<tr>
<td>MATH 2B Single-Variable Calculus (4)</td>
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<tr>
<td>and one of the following:</td>
<td>and one of the following:</td>
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</tr>
<tr>
<td>STATS 7 Basic Statistics (4)</td>
<td>MATH 14 Introduction to Statistics (4)</td>
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</tr>
<tr>
<td>STATS 8 Introduction to Biological Statistics (4)</td>
<td>MATH 4A Calculus (4)</td>
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</tr>
<tr>
<td>MATH 2D Multivariable Calculus (4)</td>
<td>MATH 4B Differential Equations (4)</td>
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</tr>
<tr>
<td>MATH 3A Introduction to Linear Algebra (4)</td>
<td>MATH 6 Linear Algebra (3)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MATH 3B Calculus (5)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>SHASTA COURSE</th>
<th>UC IRVINE COURSE</th>
<th>UC IRVINE UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 3A &amp; Basic Physics (4)</td>
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<td>No course articulated</td>
</tr>
<tr>
<td>PHYSICS 3B &amp; Basic Physics (4)</td>
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<tr>
<td>PHYSICS 3LB &amp; Basic Physics (1.5)</td>
<td>Laboratory</td>
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<tr>
<td>PHYSICS 3C &amp; Basic Physics (4)</td>
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<tr>
<td>PHYSICS 3LC Basic Physics (1.5)</td>
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</tbody>
</table>
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</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>course</th>
<th>equivalent course</th>
<th>units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 7C</td>
<td>Classical Physics</td>
<td>(4)</td>
</tr>
<tr>
<td>PHYSICS 7LC</td>
<td>Classical Physics</td>
<td>(1)</td>
</tr>
<tr>
<td>PHYSICS 7D</td>
<td>Classical Physics</td>
<td>(4)</td>
</tr>
<tr>
<td>PHYSICS 7LD</td>
<td>Classical Physics</td>
<td>(1)</td>
</tr>
<tr>
<td>PHYSICS 7E</td>
<td>Classical Physics</td>
<td>(4)</td>
</tr>
<tr>
<td>PHYSICS 4A</td>
<td>Physics - Mechanics</td>
<td>(4)</td>
</tr>
<tr>
<td>PHYSICS 4B</td>
<td>Physics - Electricity</td>
<td>(4)</td>
</tr>
</tbody>
</table>

END OF DEVELOPMENTAL AND CELL BIOLOGY
Articulation Agreement by Major
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Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Shasta College

==Drama, B.A.==

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

**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 about 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)

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRAMA 10</td>
<td>Introduction to Production Theory</td>
<td>4</td>
</tr>
<tr>
<td>THTR 30</td>
<td>Stagecraft</td>
<td>3</td>
</tr>
<tr>
<td>One course from:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DRAMA 15</td>
<td>Performance Now</td>
<td>4</td>
</tr>
<tr>
<td>DRAMA 20A</td>
<td>Culture in Performance</td>
<td>4</td>
</tr>
<tr>
<td>DRAMA 20B</td>
<td>Culture in Performance</td>
<td>4</td>
</tr>
<tr>
<td>DRAMA 20C</td>
<td>Culture in Performance</td>
<td>4</td>
</tr>
<tr>
<td>DRAMA 30A &amp; Acting</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>DRAMA 30B &amp; Acting</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>DRAMA 30C</td>
<td>Acting</td>
<td>4</td>
</tr>
<tr>
<td>DRAMA 40A &amp; Development of Drama</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>DRAMA 40B &amp; Development of Drama</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>DRAMA 40C</td>
<td>Development of Drama</td>
<td>4</td>
</tr>
<tr>
<td>THTR 12 &amp; Acting I</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>THTR 13</td>
<td>Acting II</td>
<td>2</td>
</tr>
<tr>
<td>THTR 8 &amp; History of World Theatre</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>THTR 9</td>
<td>History of World Theatre</td>
<td>3</td>
</tr>
<tr>
<td>Three courses from:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DRAMA 50A</td>
<td>Introduction to Costume Design</td>
<td>4</td>
</tr>
<tr>
<td>DRAMA 50B</td>
<td>Introduction to Scenic Design</td>
<td>4</td>
</tr>
<tr>
<td>DRAMA 50C</td>
<td>Introduction to Lighting Design</td>
<td>4</td>
</tr>
<tr>
<td>DRAMA 50D</td>
<td>Introduction to Sound Design</td>
<td>4</td>
</tr>
<tr>
<td>DRAMA 50E</td>
<td>Introduction to Stage</td>
<td>4</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major
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| Management |  
| --- | --- |
| DRAMA 50F History & Theories of Scenography | (4) | No course articulated |

END OF DRAMA
Articulation Agreement by Major
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To: UC Irvine | From: Shasta College
================================================================================
====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.

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

For information about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap
For information about 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>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2B</td>
<td>4</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>4</td>
</tr>
<tr>
<td>MATH 3B</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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1A</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1B</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1C</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1LC</td>
<td>2</td>
</tr>
<tr>
<td>CHEM 1LD</td>
<td>2</td>
</tr>
<tr>
<td>OR</td>
<td>OR</td>
</tr>
<tr>
<td>PHYSICS 3A</td>
<td>4</td>
</tr>
<tr>
<td>PHYSICS 3B</td>
<td>4</td>
</tr>
<tr>
<td>PHYSICS 3LB</td>
<td>1.5</td>
</tr>
<tr>
<td>PHYSICS 3C</td>
<td>4</td>
</tr>
<tr>
<td>PHYSICS 3LC</td>
<td>1.5</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major  
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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; Physics - Mechanics (4)</td>
</tr>
<tr>
<td>PHYSICS 7LC &amp; Classical Physics (1)</td>
<td>PHYS 4C Physics (Heat, Waves, Optics, and Modern Physics) (4)</td>
</tr>
<tr>
<td>Laboratory</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7E Classical Physics (4)</td>
<td></td>
</tr>
</tbody>
</table>

ADDITIONAL APPROVED COURSES FOR THE MAJOR

<table>
<thead>
<tr>
<th>EARTHSS 1</th>
<th>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>
<td></td>
</tr>
<tr>
<td>EARTHSS 51</td>
<td>Land Interactions (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EARTHSS 53</td>
<td>Ocean Biogeochemistry (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EARTHSS 55</td>
<td>Earth's Atmosphere (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>MATH 2D</td>
<td>Multivariable Calculus (4)</td>
<td>MATH 4A Calculus (4)</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>Introduction to Linear Algebra (4)</td>
<td>MATH 6 Linear Algebra (3)</td>
</tr>
<tr>
<td>MATH 6G</td>
<td>Linear Algebra (4)</td>
<td></td>
</tr>
</tbody>
</table>

Additional elective courses chosen from:

| BIO SCI 93 | From DNA to Organisms (4) | BIOL 1 Principles of Biology (4) |
| BIO SCI 94 | From Organisms to Ecosystems (4) | BOT 1 General Botany (4) |
| BIO SCI 98 | Biochemistry (4) | No course articulated |
| CHEM 51A & Organic Chemistry (4) | CHEM 70 & Organic Chemistry (4) |
| CHEM 51B & Organic Chemistry (4) | CHEM 70A & Organic Chemistry (1) |
| CHEM 51C & Organic Chemistry (4) | CHEM 70A & Organic Chemistry (1) |
| CHEM 51LC | Organic Chemistry (2) |
| Laboratory | CHEM 71 & Organic Chemistry (3) |
| Laboratory | CHEM 71A & Organic Chemistry (2) |
| Laboratory |
| MATH 3A | Introduction to Linear Algebra (4) | MATH 6 Linear Algebra (3) |
| MATH 6G | Linear Algebra (4) |
| MATH 3D | Elementary Differential Equations (4) | MATH 4B Differential Equations (4) |
| PHYSICS 51A | Modern Physics (4) | No course articulated |
Articulation Agreement by Major  
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<table>
<thead>
<tr>
<th>PHYSICS 51B</th>
<th>Modern Physics</th>
<th>(4)</th>
<th>No course articulated</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>EECS 10</td>
<td>Computational Methods in Electrical and Computer Engineering</td>
<td>(4)</td>
<td>CIS 61 C++ Language Programming (3)</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGRMAE 10</td>
<td>Introduction to Engineering Computations</td>
<td>(4)</td>
<td>CIS 61 C++ Language Programming (3)</td>
</tr>
<tr>
<td></td>
<td>OR</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>
</tr>
<tr>
<td></td>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICS 53</td>
<td>Introduction to C and Numerical Analysis</td>
<td>(4)</td>
<td>CIS 61 C++ Language Programming (3)</td>
</tr>
</tbody>
</table>

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END OF EARTH SYSTEM SCIENCE
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  
To: UC Irvine  
From: Shasta College

==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

---

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

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

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

---

<table>
<thead>
<tr>
<th>CHINESE 1A &amp;</th>
<th>Fundamental Mandarin</th>
<th>(5)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHINESE 1B &amp;</td>
<td>Fundamental Mandarin</td>
<td>(5)</td>
<td>Chinese</td>
</tr>
<tr>
<td>CHINESE 1C</td>
<td>Fundamental Mandarin</td>
<td>(5)</td>
<td>Chinese</td>
</tr>
<tr>
<td>AND</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHINESE 2A &amp;</td>
<td>Intermediate Mandarin</td>
<td>(5)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>CHINESE 2B &amp;</td>
<td>Intermediate Mandarin</td>
<td>(5)</td>
<td>Chinese</td>
</tr>
<tr>
<td>CHINESE 2C</td>
<td>Intermediate Mandarin</td>
<td>(5)</td>
<td>Chinese</td>
</tr>
<tr>
<td>AND</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Articulation Agreement by Major  
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To: UC Irvine | From: Shasta College  

| Chinese 3A | Advanced Mandarin (4) | No course articulated |
| Chinese 3B | Advanced Mandarin (4) | |
| Chinese 3C | Advanced Mandarin (4) | |
| OR | OR |
| Japanese 1A | Fundamental Japanese (5) | Japanese 1 (5) |
| Japanese 1B | Fundamental Japanese (5) | Japanese 2 (5) |
| Japanese 1C | Fundamental Japanese (5) | |
| AND | AND |
| Japanese 2C | Intermediate Japanese (5) | |
| AND | AND |
| Japanese 3A | Advanced Japanese (4) | No course articulated |
| Japanese 3B | Advanced Japanese (4) | |
| Japanese 3C | Advanced Japanese (4) | |
| OR | OR |
| Korean 1A | Fundamentals of Korean (5) | No course articulated |
| Korean 1B | Fundamentals of Korean (5) | |
| Korean 1C | Fundamentals of Korean (5) | |
| AND | AND |
| Korean 2A | Intermediate Korean (5) | No course articulated |
| Korean 2B | Intermediate Korean (5) | |
| Korean 2C | Intermediate Korean (5) | |
| AND | AND |
| Korean 3A | Advanced Korean (4) | No course articulated |
| Korean 3B | Advanced Korean (4) | |
| Korean 3C | Advanced Korean (4) | |

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 |
| ENGL 1A | College Composition (4) |
| ENGL 1B | Literature and Composition (3) |
| ENGL 1C | Critical Reasoning, Reading and Writing (3) |

ENGLISH LITERATURE |
| ENGL 10A | World Literature - to 1650 (3) |
| ENGL 10B | World Literature - after 1650 (3) |
| ENGL 11A | A Survey of American Literature-Precocial to 1860 (3) |
| ENGL 11B | Survey/American (3) |
Articulation Agreement by Major  
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From: Shasta College  

<table>
<thead>
<tr>
<th></th>
<th>Literature-1860 to the Present</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 13A</td>
<td>A Survey of English (3)</td>
</tr>
<tr>
<td></td>
<td>Literature-Old English Period through Neoclassicism</td>
</tr>
<tr>
<td>ENGL 13B</td>
<td>A Survey of English (3)</td>
</tr>
<tr>
<td></td>
<td>Literature-from the Romantic Period to the Present</td>
</tr>
<tr>
<td>ENGL 16</td>
<td>Poetry (3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HISTORY</th>
<th>History of Western Civilization (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 1A</td>
<td>History of Western Civilization (3)</td>
</tr>
<tr>
<td>HIST 1B</td>
<td>History of Western Civilization (3)</td>
</tr>
<tr>
<td>HIST 2</td>
<td>World Civilization to 1500 C.E. (3)</td>
</tr>
<tr>
<td>HIST 3</td>
<td>World Civilization 1500 to Present (3)</td>
</tr>
<tr>
<td>HIST 17A</td>
<td>United States History (3)</td>
</tr>
<tr>
<td>HIST 17B</td>
<td>United States History (3)</td>
</tr>
<tr>
<td>HIST 36</td>
<td>History of the Far East (3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PHILOSOPHY</th>
<th>Introduction to Philosophy (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 6</td>
<td>Ethics: Understanding Right and Wrong (3)</td>
</tr>
<tr>
<td>PHIL 7</td>
<td>OR</td>
</tr>
</tbody>
</table>

| OR                       | 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)      |

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

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

For information about 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 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>BIOL 1</td>
<td>Principles of Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIO SCI 94</td>
<td>From Organisms to Ecosystems</td>
<td>4</td>
</tr>
<tr>
<td>BOT 1</td>
<td>General Botany</td>
<td>4</td>
</tr>
<tr>
<td>ZOOL 1</td>
<td>General Zoology</td>
<td>4</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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</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 1A &amp;</td>
<td>General Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 1B</td>
<td>General Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 1B</td>
<td>General Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 1C</td>
<td>General Chemistry</td>
<td>5</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:** Shasta College

---

### CHEM 1LC & CHEM 1LD

- **General Chemistry** Laboratory (2)
- **General Chemistry** Laboratory (2)

---

### CHEM 51A & CHEM 51B & CHEM 51C & CHEM 51D & CHEM 51LC

- **Organic Chemistry** Laboratory (2)
- **Organic Chemistry** Laboratory (2)
- **Organic Chemistry** Laboratory (2)
- **Organic Chemistry** Laboratory (2)

---

### CHEM 70 & CHEM 70A & CHEM 70A & CHEM 71 & CHEM 71A

- **Organic Chemistry** Laboratory (1)
- **Organic Chemistry** Laboratory (3)
- **Organic Chemistry** Laboratory (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 & MATH 2B** Single-Variable Calculus (4) | **MATH 2A & MATH 2B** Single-Variable Calculus (4)
- and one of the following: | and one of the following:
  - **STATS 7** Basic Statistics (4) | **MATH 14** Introduction to Statistics (4)
  - **STATS 8** Introduction to Biological Statistics (4) | **MATH 4A** Calculus (4)
  - **MATH 2D** Multivariable Calculus (4) | **MATH 4B** Differential Equations (4)
  - **MATH 3A** Introduction to Linear Algebra (4) | **MATH 3B** Linear Algebra (5)
- and one of the following: | and one of the following:
  - **PHYSICS 3A** Basic Physics (4) | **PHYSICS 3A** Basic Physics (4)
  - **PHYSICS 3B** Basic Physics (4) | **PHYSICS 3B** Basic Physics (4)
  - **PHYSICS 3LB** Basic Physics Laboratory (1.5) | **PHYSICS 3LB** Basic Physics Laboratory (1.5)
  - **PHYSICS 3C** Basic Physics (4) | **PHYSICS 3C** Basic Physics (4)
  - **PHYSICS 3LC** Basic Physics Laboratory (1.5) | **PHYSICS 3LC** Basic Physics Laboratory (1.5)
  - **PHYSICS 7C** Classical Physics (4) | **PHYSICS 7C** Classical Physics (4)
  - **PHYSICS 7LC** Classical Physics (1) | **PHYSICS 7LC** Classical Physics (1)
  - **PHYSICS 4A** Physics - Mechanics (4) | **PHYSICS 4B** Physics - Electricity (4)
Articulation Agreement by Major  
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<table>
<thead>
<tr>
<th>Laboratory</th>
<th>and Magnetism</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 7D &amp; Classical Physics (4)</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7LD &amp; Classical Physics (1)</td>
<td></td>
</tr>
<tr>
<td>Laboratory</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7E Classical Physics (4)</td>
<td></td>
</tr>
</tbody>
</table>

END OF ECOLOGY AND EVOLUTIONARY BIOLOGY
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
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================================================================================
====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.

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

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

For information about 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>ECON 20A</th>
<th>Basic Economics I</th>
<th>(4)</th>
<th>ECON 1A</th>
<th>Principles of Economics (3) (Micro)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 20B</td>
<td>Basic Economics II</td>
<td>(4)</td>
<td>ECON 1B</td>
<td>Principles of Economics (3) (Macro)</td>
</tr>
<tr>
<td>MATH 2A &amp; MATH 3A</td>
<td>Single-Variable Calculus</td>
<td>(4)</td>
<td>MATH 3A</td>
<td>Calculus (4)</td>
</tr>
<tr>
<td>MATH 2B</td>
<td>Single-Variable Calculus</td>
<td>(4)</td>
<td>MATH 3B</td>
<td>Calculus (5)</td>
</tr>
</tbody>
</table>

**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

<table>
<thead>
<tr>
<th>ECON 15A &amp; ECON 15B</th>
<th>Probability and Statistics in Economics I (4)</th>
<th>No course articulated-Courses to be completed at UCI</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 4 &amp; MATH 4A &amp; MATH 4B</td>
<td>Mathematics for Economists</td>
<td>Calculus (4)</td>
</tr>
</tbody>
</table>

Two introductory Social Science courses in disciplines other than Economics: | Two courses from: |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 1</td>
<td>Physical Anthropology (3)</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major
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================================================================================
|ANTH 2     Cultural Anthropology   (3)|ARCH 3     Principles of           (3)|
|           Archaeology                |
|ENGL 25    Linguistics             (3)|GEOG 1A    Physical Geography      (3)|
|GEOG 1B    Human Geography         (3)|GEOG 8     World Regional          (3)|
|           Geography                 |
|POLS 1     Introduction to         (3)|                          |
|           Political Science        |
|PSYC 1A    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
|                          |
|                           |
|                           |
|                           |
in the Social Sciences | completed at UCI
--------------------------------------------------------------------------------
END OF ECONOMICS
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
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================================================================================

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

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

<table>
<thead>
<tr>
<th>EDUC 10</th>
<th>Educational Research</th>
<th>(4)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 15</td>
<td>Statistics for Education Research</td>
<td>(4)</td>
<td>MATH 14 Introduction to Statistics</td>
</tr>
<tr>
<td>EDUC 30</td>
<td>21st Century Literacies</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EDUC 40</td>
<td>Theories of Development and Learning Applied to Education</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EDUC 50</td>
<td>Origins, Purposes, and Central Issues in K-12 Education</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EDUC 100</td>
<td>Educational Strategies for Tutoring and Teacher Aiding</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EDUC 131</td>
<td>Educational Technology</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

END OF EDUCATION SCIENCES
Articulation Agreement by Major
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===========================================================================

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

For information about 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 (4) | No course articulated
===========================================================================

EDUC 100 Educational Strategies for Tutoring and Teacher Aiding (4) | No course articulated
===========================================================================

EDUC 131 Educational Technology (4) | No course articulated

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

END OF EDUCATIONAL STUDIES (Minor in)
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================================================================================

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

For information about 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 & MATH 2B | Single-Variable Calculus | (4) | MATH 3A & MATH 3B | Calculus | (4) |
| MATH 2D | Multivariable Calculus | (4) | MATH 4A | Calculus | (4) |
| MATH 2E | Multivariable Calculus | (4) | MATH 4A | Calculus | (4) |
| MATH 3A | Introduction to Linear Algebra | (4) | MATH 6 | Linear Algebra | (3) |
| MATH 3D | Elementary Differential Equations | (4) | MATH 4B | Differential Equations | (4) |
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<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 7C</td>
<td>Classical Physics</td>
<td>4</td>
</tr>
<tr>
<td>PHYSICS 7LC</td>
<td>Classical Physics</td>
<td>1</td>
</tr>
<tr>
<td>PHYSICS 7D</td>
<td>Classical Physics</td>
<td>4</td>
</tr>
<tr>
<td>PHYSICS 7LD</td>
<td>Classical Physics</td>
<td>1</td>
</tr>
<tr>
<td>PHYSICS 7E</td>
<td>Classical Physics</td>
<td>4</td>
</tr>
<tr>
<td>EECS 10</td>
<td>Computational Methods in Electrical and Computer Engineering</td>
<td>4</td>
</tr>
<tr>
<td>EECS 10</td>
<td>CIS 61</td>
<td>C++ Language Programming</td>
</tr>
<tr>
<td>EECS 70A</td>
<td>Network Analysis I</td>
<td>4</td>
</tr>
<tr>
<td>EECS 70LA</td>
<td>Network Analysis I Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

**ADDITIONAL MAJOR REQUIREMENTS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 51A</td>
<td>Modern Physics</td>
<td>4</td>
</tr>
<tr>
<td>ENGR 1A</td>
<td>General Chemistry for Engineers</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1A</td>
<td>General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>EECS 1</td>
<td>Introduction to Electrical Engineering and Computer Engineering</td>
<td>1</td>
</tr>
<tr>
<td>EECS 31</td>
<td>Introduction to Digital Systems</td>
<td>4</td>
</tr>
<tr>
<td>EECS 31L</td>
<td>Introduction to Digital Logic Laboratory</td>
<td>3</td>
</tr>
<tr>
<td>EECS 50</td>
<td>Discrete-Time Signals and Systems</td>
<td>4</td>
</tr>
<tr>
<td>EECS 55</td>
<td>Engineering Probability</td>
<td>4</td>
</tr>
<tr>
<td>EECS 70B</td>
<td>Network Analysis II</td>
<td>4</td>
</tr>
</tbody>
</table>

**ADDITIONAL MAJOR ELECTIVES**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 52A</td>
<td>Fundamentals of Experimental Physics</td>
<td>2</td>
</tr>
<tr>
<td>PHYSICS 4C</td>
<td>Physics (Heat, Waves, Optics, and Modern Physics)</td>
<td>4</td>
</tr>
<tr>
<td>ENGR 54</td>
<td>Principles of Materials</td>
<td>4</td>
</tr>
<tr>
<td>ENGR 45</td>
<td>Properties of Materials</td>
<td>4</td>
</tr>
<tr>
<td>Science and Engineering</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EECS 20</td>
<td>Computer Systems and Programming in C</td>
<td>(4)</td>
</tr>
<tr>
<td>EECS 22</td>
<td>Advanced C Programming</td>
<td>(3)</td>
</tr>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGR 7A</td>
<td>Introduction to Engineering I</td>
<td>(2)</td>
</tr>
<tr>
<td>ENGR 7B</td>
<td>Introduction to Engineering II</td>
<td>(2)</td>
</tr>
</tbody>
</table>

END OF ELECTRICAL ENGINEERING
Articulation Agreement by Major  
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=====================================================================

====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

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

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

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

Three courses from:                      |Two courses from:
ENGLISH 28A    The Poetic Imagination (4) |ENGL 10A    World Literature - to (3)
|                                  | 1650
OR
ENGLISH 28D & 28E The Craft of Poetry (4) |ENGL 10B    World Literature - (3)
ENGLISH 28B & 28C Comic and Tragic (4)   |          after 1650
Vision     |ENGL 11A    A Survey of American (3)
Realism and Romance (4)                  |          Literature-Precolonial to 1860
OR
ENGLISH 28E    The Craft of Fiction (4)  |ENGL 11B    Survey/American (3)
|                                  |          Literature-1860 to the Present
|
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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>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 12  Introduction to Short Fiction</td>
</tr>
<tr>
<td>ENGL 13A A Survey of English Literature-Old English Period through Neoclassicism</td>
</tr>
<tr>
<td>ENGL 13B A Survey of English Literature-from the Romantic Period to the Present</td>
</tr>
<tr>
<td>ENGL 16  Poetry</td>
</tr>
</tbody>
</table>

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<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>LOWER-DIVISION WRITING</td>
</tr>
<tr>
<td>ENGL 1A  College Composition</td>
</tr>
<tr>
<td>ENGL 1B  Literature and Composition</td>
</tr>
<tr>
<td>ENGL 1C  Critical Reasoning, Reading and Writing</td>
</tr>
</tbody>
</table>

| ENGLISH LITERATURE                      |
| ENGL 10A  World Literature - to 1650    |
| ENGL 10B  World Literature - after 1650 |
| ENGL 11A A Survey of American Literature-Precolonial to 1860 |
| ENGL 11B Survey/American Literature-1860 to the Present |
| ENGL 13A A Survey of English Literature-Old English Period through Neoclassicism |
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| ENGL 13B A Survey of English (3) |
| ENGL 16 Poetry (3) |

| HISTORY |
| HIST 1A History of Western Civilization (3) |
| HIST 1B History of Western Civilization (3) |
| HIST 2 World Civilization to 1500 C.E. (3) |
| HIST 3 World Civilization 1500 to Present (3) |
| HIST 17A United States History (3) |
| HIST 17B United States History (3) |
| HIST 36 History of the Far East (3) |

| PHILOSOPHY |
| PHIL 6 Introduction to Philosophy (3) |
| PHIL 7 Ethics: Understanding Right and Wrong (3) |

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) |

END OF ENGLISH
Articulation Agreement by Major
Effective during the 18-19 Academic Year
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=================================================================================================

====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 about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to
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For information about Transfer Admission Guarantee for this major, go to
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=================================================================================================

<table>
<thead>
<tr>
<th>MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER</th>
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</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 (4)</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>MATH 3D</th>
<th>Elementary Differential Equations</th>
<th>(4)</th>
<th>MATH 4B</th>
<th>Differential Equations</th>
<th>(4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 7C &amp; Classical Physics</td>
<td>(4)</td>
<td>PHYS 4A &amp; Physics - Mechanics</td>
<td>(4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7LC &amp; Classical Physics</td>
<td>(1)</td>
<td>PHYS 4B &amp; Physics - Electricity</td>
<td>(4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physics - Mechanics</td>
<td>and Magnetism</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7D &amp; Classical Physics</td>
<td>(4)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7LD Classical Physics</td>
<td>(1)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laboratory</td>
<td></td>
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</tbody>
</table>

- OR -

<table>
<thead>
<tr>
<th>ENGR 1A &amp; General Chemistry for Engineers</th>
<th>(4)</th>
<th>CHEM 1A &amp; General Chemistry</th>
<th>(5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1B &amp; General Chemistry</td>
<td>(4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1C &amp; General Chemistry</td>
<td>(4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1LC &amp; General Chemistry</td>
<td>(2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laboratory</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>CHEM 1LD General Chemistry</td>
<td>(2)</td>
<td></td>
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</tr>
<tr>
<td>Laboratory</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| OR -
| CHEM 1A & General Chemistry | (4) |
| CHEM 1B & General Chemistry | (4) |
| CHEM 1C & General Chemistry | (4) |
| CHEM 1LC & General Chemistry | (2) |
| Laboratory | |
| CHEM 1LD General Chemistry | (2) |
| Laboratory | |

- OR -

<table>
<thead>
<tr>
<th>ENGRCEE 20 Engineering Problem Solving</th>
<th>(4)</th>
</tr>
</thead>
</table>

- MAJOR PREPARATION COURSES NECESSARY TO GRADUATE IN 2 YEARS -

<table>
<thead>
<tr>
<th>ENGRCEE 11 Methods II: Probability and Statistics</th>
<th>(4)</th>
<th>MATH 14 Introduction to Statistics</th>
<th>(4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGRMAE 30 Statics</td>
<td>(4)</td>
<td>ENGR 35 Statics</td>
<td>(3)</td>
</tr>
<tr>
<td>Same as: ENGR 30, ENGRCEE 30</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

- ENGRCEE 81A Civil Engineering Practicum I | (3) |

- ADDITIONAL MAJOR REQUIREMENTS -

<table>
<thead>
<tr>
<th>CHEM 51A Organic Chemistry</th>
<th>(4)</th>
<th>CHEM 70 &amp; Organic Chemistry</th>
<th>(4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 70A &amp; Organic Chemistry</td>
<td>(1)</td>
<td></td>
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<table>
<thead>
<tr>
<th>ENGRCEE 21 Computational Problem Solving</th>
<th>(4)</th>
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</table>

<table>
<thead>
<tr>
<th>ENGRCEE 81B Civil Engineering Practicum II</th>
<th>(3)</th>
</tr>
</thead>
</table>
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  

To: UC Irvine | From: Shasta College

<table>
<thead>
<tr>
<th>ENGRMAE 91</th>
<th>Introduction to Thermodynamics</th>
<th>(4)</th>
<th>No course articulated</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>ECON 20A</th>
<th>Basic Economics I</th>
<th>(4)</th>
<th>ECON 1A</th>
<th>Principles of Economics (Micro)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND</td>
<td></td>
<td></td>
<td>AND</td>
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<table>
<thead>
<tr>
<th>ECON 20B</th>
<th>Basic Economics II</th>
<th>(4)</th>
<th>ECON 1B</th>
<th>Principles of Economics (Macro)</th>
</tr>
</thead>
</table>

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

**ADDITIONAL MAJOR ELECTIVES**

Two courses from the following:

| BIO SCI 42 | Origin of Life | (4) | No course articulated |
| OR         | BIO SCI 93 | From DNA to Organisms | (4) | BIOL 1 | Principles of Biology (4) |

| EARTHSS 15 | Introduction to Global Climate Change | (4) | No course articulated |
| OR         | EARTHSS 19 | Introduction to Modeling the Earth System | (4) | No course articulated |

One course from the following:

<table>
<thead>
<tr>
<th>CBEMS 45A</th>
<th>Chemical Processing and Materials Balances</th>
<th>(4)</th>
<th>No course articulated</th>
</tr>
</thead>
</table>

| EECS 70A | Network Analysis I | (4) | ENGR 17 | Circuits and Devices (4) |
| ENGR 7A | Introduction to Engineering I | (2) | No course articulated |
| AND     | ENGR 7B | Introduction to Engineering II | (2) | No course articulated |

| ENGR 54 | Principles of Materials Science and Engineering | (4) | ENGR 45 | Properties of Materials (4) |

| ENGRMAE 80 | Dynamics | (4) | No course articulated |
| Same as: ENGR 80, ENGRCEE 80 |
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Shasta College
=================================================================================================
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: Shasta 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/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

| STATS 7 | Basic Statistics | (4) | MATH 14 | Introduction to Statistics | (4) |
| STATS 8 | Introduction to Biological Statistics | (4) | MATH 14 | Introduction to Statistics | (4) |
| SOCECOL E8 | Introduction to Environmental Analysis and Design | (4) | AGNR 60 | Environmental Science | (3) |
| SOCECOL 13 | Statistical Analysis in Social Ecology | (4) | MATH 14 | Introduction to Statistics | (4) |

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: Shasta College

=================================================================================================
CHEM 1A  &  General Chemistry          (4)|CHEM 1A  &  General Chemistry          (5)
CHEM 1B  &  General Chemistry          (4)|CHEM 1B  &  General Chemistry          (5)
CHEM 1C  &  General Chemistry          (4)|
CHEM 1LC &  General Chemistry          (2)|
CHEM 1LD General Chemistry            (2)|
                               Laboratory |
                               Laboratory |
=================================================================================================
BIO SCI 93 From DNA to Organisms   (4)|BIOL 1 Principles of Biology    (4)
                     AND            AND
BIO SCI 94 From Organisms to       (4)|BOT 1 General Botany           (4)
Ecosystems           | OR                        | ZOOL 1 General Zoology         (4)
=================================================================================================
PHYSICS 3A  &  Basic Physics          (4)|No course articulated
PHYSICS 3B  &  Basic Physics          (4)|                          |
PHYSICS 3LC &  Basic Physics          (1.5)|                          |
                           Laboratory |
PHYSICS 3C  &  Basic Physics          (4)|                          |
                           Laboratory |
                      OR | OR
PHYSICS 7C  &  Classical Physics      (4)|PHYS 4A  &  Physics - Mechanics (4)
PHYSICS 7LC &  Classical Physics      (1)|PHYS 4B  &  Physics - Electricity (4)
                           Laboratory | and Magnetism
PHYSICS 7D  &  Classical Physics      (4)|PHYS 4C  Physics (Heat, Waves, Physics)
PHYSICS 7LD &  Classical Physics      (1)|                           Optics, and Modern
                           Laboratory |
PHYSICS 7E Classical Physics        (4)|                          |
=================================================================================================
SOCSECOL 10 Research Design         (4)|No course articulated
=================================================================================================

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: Shasta 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.

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

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

For information about 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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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         (5)
CHEM 1B  &  General Chemistry         (4) | CHEM 1B  General Chemistry         (5)
CHEM 1C  &  General Chemistry         (4) |
CHEM 1LC &  General Chemistry         (2) | Laboratory                   |
CHEM 1LD General Chemistry         (2) | Laboratory                   |
     OR                                      OR
BIO SCI 93 From DNA to Organisms (4) | BIOL 1 Principles of Biology (4)
             AND                       AND
BIO SCI 94 From Organisms to Ecosystems (4) | BOT 1 General Botany (4) | OR
                                                  | ZOOL 1 General Zoology (4)
--------------------------------------------------------------------------------

ADDITIONAL APPROVED COURSES FOR THE MAJOR
--------------------------------------------------------------------------------

One course from: | One course from:
EARTHSS 1 The Physical Environment (4) | No course articulated
EARTHSS 3 Oceanography (4) | No course articulated
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Shasta College

--------------------------------------------------------------------------------
<p>| EARTHSS 5  | The Atmosphere  | (4) | No course articulated |</p>
<table>
<thead>
<tr>
<th>EARTHSS 7</th>
<th>Physical Geology</th>
<th>(5)</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>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>EARTHSS 60A &amp;</th>
<th>Fundamental Processes</th>
<th>(4)</th>
<th>No course articulated</th>
</tr>
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<tbody>
<tr>
<td>EARTHSS 60B &amp;</td>
<td>Local and Regional Environmental Issues</td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>EARTHSS 60C</td>
<td>Global Environmental Issues</td>
<td>(4)</td>
<td></td>
</tr>
</tbody>
</table>

Three courses from: | Two courses from:
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>MATH 2A</td>
<td>Single-Variable Calculus</td>
</tr>
<tr>
<td>MATH 2B</td>
<td>Single-Variable Calculus</td>
</tr>
<tr>
<td>MATH 4</td>
<td>Mathematics for Economists</td>
</tr>
<tr>
<td>MATH 4A &amp;</td>
<td>Calculus</td>
</tr>
<tr>
<td>MATH 4B</td>
<td>Differential Equations</td>
</tr>
<tr>
<td>STATS 7</td>
<td>Basic Statistics</td>
</tr>
<tr>
<td>SOC SCI 9A</td>
<td>General Statistics and Probability I</td>
</tr>
<tr>
<td>SOC SCI 9B</td>
<td>General Statistics and Probability II</td>
</tr>
<tr>
<td>SOC SCI 9C</td>
<td>General Statistics and Probability III</td>
</tr>
<tr>
<td>ECON 15A</td>
<td>Probability and Statistics in Economics I</td>
</tr>
<tr>
<td>ECON 15B</td>
<td>Probability and Statistics in Economics II</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>Calculus</td>
</tr>
<tr>
<td>MATH 3B</td>
<td>Calculus</td>
</tr>
<tr>
<td>MATH 4A &amp;</td>
<td>Calculus</td>
</tr>
<tr>
<td>MATH 4B</td>
<td>Differential Equations</td>
</tr>
<tr>
<td>MATH 14</td>
<td>Introduction to Statistics</td>
</tr>
<tr>
<td>SOC SCI 9A</td>
<td>General Statistics and Probability I</td>
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<tr>
<td>SOC SCI 9B</td>
<td>General Statistics and Probability II</td>
</tr>
<tr>
<td>SOC SCI 9C</td>
<td>General Statistics and Probability III</td>
</tr>
<tr>
<td>ECON 15A</td>
<td>Probability and Statistics in Economics I</td>
</tr>
<tr>
<td>ECON 15B</td>
<td>Probability and Statistics in Economics II</td>
</tr>
<tr>
<td>ECON 1A</td>
<td>Principles of Economics (Micro)</td>
</tr>
<tr>
<td>ECON 1B</td>
<td>Principles of Economics (Macro)</td>
</tr>
<tr>
<td>SOC 1</td>
<td>Introduction to Sociology</td>
</tr>
<tr>
<td>SOC 2</td>
<td>Global and International Sociology</td>
</tr>
<tr>
<td>SOC 2</td>
<td>Social Problems</td>
</tr>
<tr>
<td>PPD 4</td>
<td>Introduction to Urban Studies</td>
</tr>
</tbody>
</table>

Four courses from: | Four courses from:
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 13</td>
<td>Global Economy</td>
</tr>
<tr>
<td>ECON 20A</td>
<td>Basic Economics I</td>
</tr>
<tr>
<td>ECON 20B</td>
<td>Basic Economics II</td>
</tr>
<tr>
<td>SOCIOL 1</td>
<td>Introduction to Sociology</td>
</tr>
<tr>
<td>SOCIOL 2</td>
<td>Global and International Sociology</td>
</tr>
<tr>
<td>SOCIOL 3</td>
<td>Introduction to Social Problems</td>
</tr>
<tr>
<td>PPD 4</td>
<td>Introduction to Urban Studies</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major
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Two elective courses from:
| BIO SCI 20  California Natural  (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) | CHEM 70  Organic Chemistry  (4) |
| CHEM 51LB  Organic Chemistry  (2) | CHEM 70A  Organic Chemistry  (1) |
| CHEM 51B  Organic Chemistry  (4) | CHEM 70  Organic Chemistry  (4) |
| CHEM 51C  Organic Chemistry  (4) | CHEM 70A  Organic Chemistry  (1) |
| CHEM 51LC  Organic Chemistry  (2) | CHEM 71  Organic Chemistry  (3) |
| PHYSICS 3A  Basic Physics  (4) | No course articulated |
| PHYSICS 3B  Basic Physics  (4) | |
| PHYSICS 3C  Basic Physics  (4) | |
| PHYSICS 7C  Classical Physics  (4) | PHYS 4A  Physics - Mechanics  (4) |
| 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 |

END OF ENVIRONMENTAL SCIENCE
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Shasta 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](http://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 about 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)

For information about Transfer Admission Guarantee for this major, go to [http://www.admissions.uci.edu/apply/transfer/guarantee.php](http://www.admissions.uci.edu/apply/transfer/guarantee.php)
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To: UC Irvine  |  From: Shasta College

HISTORY 70B  Problems in History: (4)  |  HIST 1A  History of Western Civilization (3)  
|  OR  
|  HIST 1B  History of Western Civilization (3)

Two years of college-level French, German, classical Greek, Italian, Latin, Portuguese, Russian, or Spanish  
|  FREN 4  Intermediate French (3)  
|  OR  
|  GERM 4  Intermediate German (3)  
|  OR  
|  RUSS 4  Intermediate Russian (5)  
|  OR  
|  SPAN 4  Spanish 4 (4)

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
|  ENGL 1A  College Composition (4)  
|  ENGL 1B  Literature and Composition (3)  
|  ENGL 1C  Critical Reasoning, Reading and Writing (3)

ENGLISH LITERATURE
|  ENGL 10A  World Literature - to 1650 (3)  
|  ENGL 10B  World Literature - after 1650 (3)  
|  ENGL 11A  A Survey of American Literature-Precolonial to 1860 (3)  
|  ENGL 11B  Survey/American Literature-1860 to the Present (3)  
|  ENGL 13A  A Survey of English Literature-Old English Period through Neoclassicism (3)  
|  ENGL 13B  A Survey of English Literature-from the Romantic Period to the Present (3)  
|  ENGL 16  Poetry (3)

HISTORY
|  HIST 1A  History of Western Civilization (3)
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
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To: UC Irvine | From: Shasta College

<table>
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<tbody>
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<tr>
<td>To: UC Irvine</td>
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<tr>
<td>---------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>HIST 1B History of Western Civilization (3)</td>
</tr>
<tr>
<td>HIST 2 World Civilization to 1500 C.E. (3)</td>
</tr>
<tr>
<td>HIST 3 World Civilization 1500 to Present (3)</td>
</tr>
<tr>
<td>HIST 17A United States History (3)</td>
</tr>
<tr>
<td>HIST 17B United States History (3)</td>
</tr>
<tr>
<td>HIST 36 History of the Far East (3)</td>
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</tr>
<tr>
<td>PHILOSOPHY</td>
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<tr>
<td>PHIL 6 Introduction to Philosophy (3)</td>
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<tr>
<td>PHIL 7 Ethics: Understanding Right and Wrong (3)</td>
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<tr>
<td>OR</td>
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<tr>
<td>OR</td>
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<tr>
<td>HUMAN 1A Humanities Core Lecture (4) No course articulated</td>
</tr>
<tr>
<td>HUMAN 1B Humanities Core Lecture (4)</td>
</tr>
<tr>
<td>HUMAN 1C Humanities Core Lecture (4)</td>
</tr>
<tr>
<td>HUMAN 1AS Humanities Core Writing (4)</td>
</tr>
<tr>
<td>HUMAN 1BS Humanities Core Writing (4)</td>
</tr>
<tr>
<td>HUMAN 1CS Humanities Core Writing (4)</td>
</tr>
</tbody>
</table>

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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: Shasta 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](http://www.humanities.uci.edu/undergrad/academics/lang.php)

For information about 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)

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

<table>
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<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLM&amp;MDA 85A</td>
<td>Introduction to Film and Visual Analysis</td>
<td>(4)</td>
</tr>
<tr>
<td>FLM&amp;MDA 85B</td>
<td>Broadcast Media History and Analysis</td>
<td>(4)</td>
</tr>
<tr>
<td>FLM&amp;MDA 85C</td>
<td>New Media and Digital Technologies</td>
<td>(4)</td>
</tr>
<tr>
<td>FREN 4</td>
<td>Intermediate French</td>
<td>(3)</td>
</tr>
<tr>
<td>GERM 4</td>
<td>Intermediate German</td>
<td>(3)</td>
</tr>
<tr>
<td>JAPN 4</td>
<td>Japanese 4</td>
<td>(5)</td>
</tr>
<tr>
<td>RUSS 4</td>
<td>Intermediate Russian</td>
<td>(5)</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)
## Articulation Agreement by Major

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

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

To: UC Irvine  |  From: Shasta College

| OR  | ASL 4  American Sign Language 4 (4)  |
| OR  | SPAN 4 Spanish 4  |

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

| OR  | American Sign Language 4 (4)  |
| OR  | Spanish 4  |

### LOWER-DIVISION WRITING

| OR  | College Composition (4)  |
| OR  | Literature and Composition (3)  |
| OR  | Critical Reasoning, Reading and Writing (3)  |

### ENGLISH LITERATURE

| OR  | World Literature - to 1650 (3)  |
| OR  | World Literature - after 1650 (3)  |
| OR  | A Survey of American Literature-Precolonal to 1860 (3)  |
| OR  | Survey/American Literature-1860 to the Present (3)  |
| OR  | A Survey of English Literature-Old English Period through Neoclassicism (3)  |
| OR  | A Survey of English Literature-from the Romantic Period to the Present (3)  |
| OR  | Poetry (3)  |

### HISTORY

| OR  | History of Western Civilization (3)  |
| OR  | History of Western Civilization (3)  |
| OR  | World Civilization to 1500 C.E. (3)  |
| OR  | World Civilization 1500 to Present (3)  |
| OR  | United States History (3)  |
| OR  | United States History (3)  |
| OR  | History of the Far East (3)  |
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  

To: UC Irvine | From: Shasta College  

<table>
<thead>
<tr>
<th>PHILOSOPHY</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 6     Introduction to Philosophy (3)</td>
</tr>
<tr>
<td>PHIL 7     Ethics: Understanding Right and Wrong (3)</td>
</tr>
</tbody>
</table>

OR

<table>
<thead>
<tr>
<th>OR</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUMAN 1A &amp; Humanities Core Lecture (4)</td>
</tr>
<tr>
<td>HUMAN 1B &amp; Humanities Core Lecture (4)</td>
</tr>
<tr>
<td>HUMAN 1C &amp; Humanities Core Lecture (4)</td>
</tr>
<tr>
<td>HUMAN 1AS &amp; Humanities Core Writing (4)</td>
</tr>
<tr>
<td>HUMAN 1BS &amp; Humanities Core Writing (4)</td>
</tr>
<tr>
<td>HUMAN 1CS &amp; Humanities Core Writing (4)</td>
</tr>
</tbody>
</table>

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

To: UC Irvine | From: Shasta 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 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 about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap

For information about 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>UC Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 1A</td>
<td>Fundamentals of French</td>
<td>5</td>
</tr>
<tr>
<td>FREN 1B</td>
<td>Fundamentals of French</td>
<td>5</td>
</tr>
<tr>
<td>FREN 2A</td>
<td>Intermediate French</td>
<td>4</td>
</tr>
<tr>
<td>FREN 2B</td>
<td>Intermediate French</td>
<td>4</td>
</tr>
<tr>
<td>FREN 3</td>
<td>Intermediate French</td>
<td>3</td>
</tr>
<tr>
<td>FREN 4</td>
<td>Intermediate French</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Writing, Literature, History, and Philosophy</th>
<th>University of California Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOWER-DIVISION WRITING</td>
<td></td>
</tr>
<tr>
<td>ENGL 1A College Composition</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 1B Literature and Composition</td>
<td>3</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major
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| ENGL 1C | Critical Reasoning, Reading and Writing |

ENGLISH LITERATURE

| ENGL 10A | World Literature - to 1650 |
| ENGL 10B | World Literature - after 1650 |
| ENGL 11A | A Survey of American Literature-Precollonial to 1860 |
| ENGL 11B | Survey/American Literature-1860 to the Present |
| ENGL 13A | A Survey of English Literature-Old English Period through Neoclassicism |
| ENGL 13B | A Survey of English Literature-from the Romantic Period to the Present |
| ENGL 16 | Poetry |

HISTORY

| HIST 1A | History of Western Civilization |
| HIST 1B | History of Western Civilization |
| HIST 2 | World Civilization to 1500 C.E. |
| HIST 3 | World Civilization 1500 to Present |
| HIST 17A | United States History |
| HIST 17B | United States History |
| HIST 36 | History of the Far East |

PHILOSOPHY

| PHIL 6 | Introduction to Philosophy |
| PHIL 7 | Ethics: Understanding Right and Wrong |

OR

HUMAN 1A | Humanities Core Lecture (4) | No course articulated |
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) |

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: Shasta College

=================================================================================================
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  
To: UC Irvine | From: Shasta 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

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

GEN&SEX 50A Gender and Feminism in Everyday Life (4)|No course articulated-Course to be completed at UCI

Two courses from:

| Two courses from: |
| GEN&SEX 50B Gender and Power (4)|No course articulated-Course to be completed at UCI |
| GEN&SEX 50C Gender and Popular Culture (4)|No course articulated-Course to be completed at UCI |
| GEN&SEX 60A Gender and Science (4)|No course articulated-Course to be completed at UCI |
| GEN&SEX 60B Gender and Law (4)|No course articulated-Course to be completed at UCI |
| GEN&SEX 60C Gender and Religion (4)|No course articulated-Course to be completed at UCI |

Course work equivalent to UCI's sixth |
Articulation Agreement by Major
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| quarter of study in a single language | FREN 4 | Intermediate French | (3) |
| other than English (at the college level) | OR | GERM 4 | Intermediate German | (3) |
|  | OR | JAPN 4 | Japanese 4 | (5) |
|  | OR | RUSS 4 | Intermediate Russian | (5) |
|  | OR | ASL 4 | American Sign Language 4 | (4) |
|  | OR | SPAN 4 | Spanish 4 | (4) |

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>Writing</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1A</td>
<td>College Composition</td>
</tr>
<tr>
<td>ENGL 1B</td>
<td>Literature and Composition</td>
</tr>
<tr>
<td>ENGL 1C</td>
<td>Critical Reasoning, Reading and Writing</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>English Literature</th>
<th>Literature</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 10A</td>
<td>World Literature - to 1650</td>
</tr>
<tr>
<td>ENGL 10B</td>
<td>World Literature - after 1650</td>
</tr>
<tr>
<td>ENGL 11A</td>
<td>A Survey of American Literature-Precolonial to 1860</td>
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<tr>
<td>ENGL 13B</td>
<td>A Survey of English Literature-from the Romantic Period to the Present</td>
</tr>
<tr>
<td>ENGL 16</td>
<td>Poetry</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 1A</td>
</tr>
<tr>
<td>HIST 1B</td>
</tr>
<tr>
<td>HIST 2</td>
</tr>
</tbody>
</table>
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To: UC Irvine  
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<table>
<thead>
<tr>
<th>HIST 3</th>
<th>World Civilization (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1500 to Present</td>
</tr>
<tr>
<td>HIST 17A</td>
<td>United States History (3)</td>
</tr>
<tr>
<td>HIST 17B</td>
<td>United States History (3)</td>
</tr>
<tr>
<td>HIST 36</td>
<td>History of the Far East (3)</td>
</tr>
</tbody>
</table>

|PHILOSOPHY |
|PHIL 6 | Introduction to Philosophy (3) |
|PHIL 7 | Ethics: Understanding Right and Wrong (3) |

|OR |
|OR |
|HUMAN 1A & Humanities Core Lecture (4)|No course articulated|
|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)| |

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

For information about 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</th>
<th>From DNA to Organisms</th>
<th>BIOL 1</th>
<th>Principles of Biology</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 94</td>
<td>From Organisms to</td>
<td>BOT 1</td>
<td>General Botany</td>
</tr>
<tr>
<td></td>
<td>Ecosystems</td>
<td>OR</td>
<td>General Zoology</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ZOOL 1</td>
<td></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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**To:** UC Irvine  
**From:** Shasta College

**CHEM 1A**  
General Chemistry  
(4) | CHEM 1A  
General Chemistry  
(5)

**CHEM 1B**  
General Chemistry  
(4) | CHEM 1B  
General Chemistry  
(5)

**CHEM 1C**  
General Chemistry  
(4)

**CHEM 1LC**  
Laboratory  
(2) | Laboratory  
(2)

**CHEM 1LD**  
General Chemistry  
(2) | Laboratory  
(2)

**CHEM 51A**  
Organic Chemistry  
(4) | CHEM 70  
Organic Chemistry  
(4)

**CHEM 51LB**  
Organic Chemistry  
(2) | CHEM 70A  
Organic Chemistry  
(1)

**CHEM 51B**  
Organic Chemistry  
(4) | CHEM 70  
Organic Chemistry  
(4)

**CHEM 51C**  
Organic Chemistry  
(4) | CHEM 70A  
Organic Chemistry  
(1)

**CHEM 51LC**  
Organic Chemistry  
(2) | Laboratory  
(1.5) | Laboratory  
(1.5)

**CHEM 51LD**  
Organic Chemistry  
(2) | Laboratory  
(1.5) | Laboratory  
(1.5)

### 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) | MATH 3A  
Calculus  
(4)

**MATH 2B**  
Single-Variable Calculus  
(4)

and one of the following:  
and one of the following:

**STATS 7**  
Basic Statistics  
(4) | MATH 14  
Introduction to Statistics  
(4)

**STATS 8**  
Introduction to Biological Statistics  
(4) | MATH 4A  
Calculus  
(4)

**MATH 2D**  
Multivariable Calculus  
(4) | MATH 4B  
Differential Equations  
(4)

**MATH 3A**  
Introduction to Linear Algebra  
(4) | MATH 6  
Linear Algebra  
(3)

**PHYSICS 3A**  
Basic Physics  
(4) | No course articulated

**PHYSICS 3B**  
Basic Physics  
(4)

**PHYSICS 3LB**  
Basic Physics  
(1.5) | Laboratory  
(1.5)

**PHYSICS 3C**  
Basic Physics  
(4)

**PHYSICS 3LC**  
Basic Physics  
(1.5)
Articulation Agreement by Major
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<table>
<thead>
<tr>
<th>Laboratory</th>
<th>OR</th>
<th>OR</th>
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</thead>
<tbody>
<tr>
<td>PHYSICS 7C &amp; Classical Physics (4)</td>
<td>PHYS 4A &amp; Physics - Mechanics (4)</td>
<td></td>
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<tr>
<td>PHYSICS 7LC &amp; Classical Physics (1)</td>
<td>PHYS 4B Physics - Electricity (4) and Magnetism</td>
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<tr>
<td>PHYSICS 7D &amp; Classical Physics (4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7LD &amp; Classical Physics (1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7E Classical Physics (4)</td>
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</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: Shasta 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](http://www.humanities.uci.edu/undergrad/academics/lang.php)

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

For information about 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>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>GERMAN 1A</td>
<td>Fundamentals of German</td>
<td>5</td>
</tr>
<tr>
<td>GERMAN 1B</td>
<td>Fundamentals of German</td>
<td>5</td>
</tr>
<tr>
<td>GERMAN 1C</td>
<td>Fundamentals of German</td>
<td>5</td>
</tr>
<tr>
<td>GERMAN 2A</td>
<td>Intermediate German</td>
<td>4</td>
</tr>
<tr>
<td>GERMAN 2B</td>
<td>Intermediate German</td>
<td>4</td>
</tr>
<tr>
<td>GERMAN 2C</td>
<td>Intermediate German</td>
<td>4</td>
</tr>
<tr>
<td>EURO ST 10</td>
<td>Historical Foundations</td>
<td>4</td>
</tr>
<tr>
<td>EURO ST 11</td>
<td>Contemporary Issues and Institutions</td>
<td></td>
</tr>
<tr>
<td>LINGUIS 3</td>
<td>Introduction to Linguistics</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 25</td>
<td>Linguistics</td>
<td>3</td>
</tr>
</tbody>
</table>

At least one course from each area for a total of 4 units.
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================================================================================
total of four semester or six quarter courses:
| (Writing, Literature, History, and Philosophy) for a total of four semester courses:

LOWER-DIVISION WRITING
| WRITING
| ENGL 1A  College Composition  (4)
| ENGL 1B  Literature and Composition  (3)
| ENGL 1C  Critical Reasoning, Reading and Writing  (3)

ENGLISH LITERATURE
| LITERATURE
| ENGL 10A  World Literature - to 1650  (3)
| ENGL 10B  World Literature - after 1650  (3)
| ENGL 11A  A Survey of American Literature - Precolonial to 1860  (3)
| ENGL 11B  Survey/American Literature - 1860 to the Present  (3)
| ENGL 13A  A Survey of English Literature - Old English Period through Neoclassicism  (3)
| ENGL 13B  A Survey of English Literature - from the Romantic Period to the Present  (3)
| ENGL 16  Poetry  (3)

HISTORY
| HISTORY
| HIST 1A  History of Western Civilization  (3)
| HIST 1B  History of Western Civilization  (3)
| HIST 2  World Civilization to 1500 C.E.  (3)
| HIST 3  World Civilization 1500 to Present  (3)
| HIST 17A  United States History  (3)
| HIST 17B  United States History  (3)
| HIST 36  History of the Far East  (3)

PHILOSOPHY
| PHILOSOPHY
| PHIL 6  Introduction to Philosophy  (3)
| PHIL 7  Ethics: Understanding Right and Wrong  (3)

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: Shasta College

================================================================================
HUMAN 1A 🇬 HUMANITIES Core Lecture (4)|No course articulated
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)|
================================================================================
END OF GERMAN STUDIES
Articulation Agreement by Major
Effective during the 18-19 Academic Year
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To: UC Irvine | From: Shasta 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 about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap

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

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

| HISTORY 21A | World: Innovations  (4) | HIST 2 | World Civilization to 1500 C.E.  (3) |
| HISTORY 21B | World: Empires and Revolutions  (4) | HIST 3 | World Civilization 1500 to Present  (3) |
| HISTORY 21C | World: Wars and Rights  (4) | FREN 4 | Intermediate French  (3) |

Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level) | OR
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine  |  From: Shasta College

|GERM 4 Intermediate German (3)  
| OR  
|JAPN 4 Japanese 4 (5)  
| OR  
|RUSS 4 Intermediate Russian (5)  
| OR  
|ASL 4 American Sign Language 4 (4)  
| OR  
|SPAN 4 Spanish 4 (4)

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

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  
| ENGL 1A College Composition (4)  
| ENGL 1B Literature and Composition  
| ENGL 1C Critical Reasoning, Reading and Writing

|ENGLISH LITERATURE  
| ENGL 10A World Literature - to 1650 (3)  
| ENGL 10B World Literature - after 1650 (3)  
| ENGL 11A A Survey of American Literature-Precultural to 1860 (3)  
| ENGL 11B Survey/American Literature-1860 to the Present (3)  
| ENGL 13A A Survey of English Literature-Old English Period through Neoclassicism (3)  
| ENGL 13B A Survey of English Literature-from the Romantic Period to the Present (3)  
| ENGL 16 Poetry (3)

| HISTORY  
| HIST 1A History of Western Civilization (3)  
| HIST 1B History of Western Civilization (3)  
| HIST 2 World Civilization to 1500 C.E. (3)  
| HIST 3 World Civilization 1500 to Present (3)
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine  |  From: Shasta College

| HIST 17A    | United States History (3) |
| HIST 17B    | United States History (3) |
| HIST 36     | History of the Far East (3) |

PHILOSOPHY

| PHIL 6     | Introduction to Philosophy (3) |
| PHIL 7     | Ethics: Understanding Right and Wrong (3) |

OR

| HUMAN 1A & | Humanities Core Lecture (4) | No course articulated |
| 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) |

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

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

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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 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: Shasta College

================================================================================
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.

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:

|Writing, Literature, History, and Philosophy) for a total of four semester courses:

<table>
<thead>
<tr>
<th>LOWER-DIVISION WRITING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1A    College Composition     (4)</td>
</tr>
<tr>
<td>ENGL 1B    Literature and Composition</td>
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<tr>
<td>ENGL 1C    Critical Reasoning, Reading and Writing</td>
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<table>
<thead>
<tr>
<th>LITERATURE</th>
</tr>
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<tbody>
<tr>
<td>ENGL 10A    World Literature – to (3) 1650</td>
</tr>
<tr>
<td>ENGL 10B    World Literature – after 1650</td>
</tr>
<tr>
<td>ENGL 11A    A Survey of American Literature-Precolumnal to 1860</td>
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<tr>
<td>ENGL 13A    A Survey of English Literature-Old English Period through Neoclassicism</td>
</tr>
<tr>
<td>ENGL 13B    A Survey of English Literature-from the Romantic Period to the Present</td>
</tr>
<tr>
<td>ENGL 16    Poetry (3)</td>
</tr>
</tbody>
</table>

| HISTORY |
| HIST 1A    History of Western Civilization |
| HIST 1B    History of Western Civilization |
| HIST 2    World Civilization to (3) |
Articulation Agreement by Major
Effective during the 18-19 Academic Year
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To: UC Irvine                       | From: Shasta College

| 1500 C.E.                      |
| HIST 3 World Civilization (3) |
| 1500 to Present               |
| HIST 17A United States History (3) |
| HIST 17B United States History (3) |
| HIST 36 History of the Far East (3) |

PHILOSOPHY
| PHIL 6 Introduction to Philosophy (3) |
| PHIL 7 Ethics: Understanding Right and Wrong (3) |

OR

| HUMAN 1A & Humanities Core Lecture (4) | No course articulated |
| 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) |

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: Shasta 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

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

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: Asia (4)  |  HIST 36  |  History of the Far East (3)
| HISTORY 70B    Problems in History: Europe (4)  |  HIST 1A  |  History of Western Civilization (3)
|               |  HIST 1B  |  History of Western Civilization (3)
Articulation Agreement by Major  
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<table>
<thead>
<tr>
<th>To: UC Irvine</th>
<th>From: Shasta College</th>
</tr>
</thead>
</table>

HISTORY 70C  Problems in History: (4)  |  HIST 17A  United States History (3)  
United States  |  HIST 17B  United States History (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)  |  HIST 2  World Civilization to 1500 C.E. (3)  
Transregional History  |  HIST 3  World Civilization 1500 to Present (3)  |

Up to four additional History courses:  |  Up to four additional transferable history courses:  
|  |  |
|  |  |

Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level):  |  FREN 4  Intermediate French (3)  
|  OR  |
|  GERM 4  Intermediate German (3)  
|  OR  |
|  JAPN 4  Japanese 4 (5)  
|  OR  |
|  RUSS 4  Intermediate Russian (5)  
|  OR  |
|  ASL 4  American Sign Language 4 (4)  
|  OR  |
|  SPAN 4  Spanish 4 (4)  

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

- HISTORY 70C  Problems in History: (4)  |  HIST 17A  United States History (3)  
United States  |  HIST 17B  United States History (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)  |  HIST 2  World Civilization to 1500 C.E. (3)  
Transregional History  |  HIST 3  World Civilization 1500 to Present (3)  |

Up to four additional History courses:  |  Up to four additional transferable history courses:  
|  |  |
|  |  |

Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level):  |  FREN 4  Intermediate French (3)  
|  OR  |
|  GERM 4  Intermediate German (3)  
|  OR  |
|  JAPN 4  Japanese 4 (5)  
|  OR  |
|  RUSS 4  Intermediate Russian (5)  
|  OR  |
|  ASL 4  American Sign Language 4 (4)  
|  OR  |
|  SPAN 4  Spanish 4 (4)  

--------------------------------------------------------------------------------
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: |
| Writing, Literature, History, and Philosophy) for a total of four semester courses: |

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**LOWER-DIVISION WRITING**

<table>
<thead>
<tr>
<th>Writing</th>
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<tbody>
<tr>
<td><strong>ENGL 1A</strong> College Composition (4)</td>
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<tr>
<td><strong>ENGL 1B</strong> Literature and Composition (3)</td>
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<td><strong>ENGL 1C</strong> Critical Reasoning, Reading and Writing (3)</td>
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**ENGLISH LITERATURE**

<table>
<thead>
<tr>
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<tr>
<td><strong>ENGL 10A</strong> World Literature - to 1650 (3)</td>
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<td><strong>ENGL 11A</strong> A Survey of American Literature-Precolonial to 1860 (3)</td>
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</table>

**HISTORY**

<table>
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<tbody>
<tr>
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<tr>
<td><strong>HIST 1B</strong> History of Western Civilization (3)</td>
</tr>
<tr>
<td><strong>HIST 2</strong> World Civilization to 1500 C.E. (3)</td>
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**PHILOSOPHY**

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<tbody>
<tr>
<td><strong>PHIL 6</strong> Introduction to Philosophy (3)</td>
</tr>
<tr>
<td><strong>PHIL 7</strong> Ethics: Understanding Right and Wrong (3)</td>
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</tbody>
</table>
Articulation Agreement by Major  
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================================================================================

| OR | OR |
---|---|
HUMAN 1A & Humanities Core Lecture (4) | No course articulated |
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) | |

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

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: Shasta 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](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 about 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)

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

<table>
<thead>
<tr>
<th>Subject</th>
<th>Description</th>
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<tbody>
<tr>
<td>HISTORY 21A</td>
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<td>(4)</td>
</tr>
<tr>
<td>HISTORY 21B</td>
<td>World: Empires and Revolutions</td>
<td>(4)</td>
</tr>
<tr>
<td>HISTORY 21C</td>
<td>World: Wars and Rights (4) OR</td>
<td></td>
</tr>
<tr>
<td>HISTORY 40A</td>
<td>Colonial America: New Worlds</td>
<td>(4)</td>
</tr>
<tr>
<td>HISTORY 40B</td>
<td>Nineteenth-Century</td>
<td>(4)</td>
</tr>
<tr>
<td></td>
<td>U.S.: Crisis and Expansion</td>
<td></td>
</tr>
<tr>
<td>HIST 2</td>
<td>World Civilization to 1500 C.E.</td>
<td>(3)</td>
</tr>
<tr>
<td>HIST 3</td>
<td>World Civilization 1500 to Present</td>
<td>(3)</td>
</tr>
<tr>
<td>HIST 17A</td>
<td>United States History</td>
<td>(3)</td>
</tr>
<tr>
<td>HIST 17B</td>
<td>United States History</td>
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<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
<th>Notes</th>
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<tr>
<td>HISTORY 40C</td>
<td>Modern America: Culture and Power</td>
<td>4</td>
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<tr>
<td>HISTORY 70C</td>
<td>Problems in History: United States</td>
<td>4</td>
<td>For this specialization, course to be completed at UCI</td>
</tr>
<tr>
<td>Two additional courses from:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HISTORY 70A</td>
<td>Problems in History: Asia</td>
<td>4</td>
<td></td>
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<tr>
<td>HISTORY 70B</td>
<td>Problems in History: Europe</td>
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<td></td>
</tr>
<tr>
<td>HISTORY 70D</td>
<td>Problems in History: Latin America</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>HISTORY 70E</td>
<td>Problems in History: Middle East and Africa</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>HISTORY 70F</td>
<td>Problems in History: Transregional History</td>
<td>4</td>
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<tr>
<td>Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level)</td>
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<tr>
<td>FREN 4</td>
<td>Intermediate French</td>
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<td>OR</td>
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<td>GERM 4</td>
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<tr>
<td>JAPN 4</td>
<td>Japanese 4</td>
<td>5</td>
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<td>Spanish 4</td>
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<tr>
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<tr>
<td>LOWER-DIVISION WRITING</td>
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</tr>
<tr>
<td>ENGL 1A</td>
<td>College Composition</td>
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<td>Literature and Composition</td>
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<tr>
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<td>Critical Reasoning, Reading and Writing</td>
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| ENGL 11A    | A Survey of American Literature - Precolonial to 1860 (3) |
| ENGL 11B    | Survey/American Literature - 1860 to the Present (3) |
| ENGL 13A    | A Survey of English Literature - Old English Period through Neoclassicism (3) |
| ENGL 13B    | A Survey of English Literature - Romantic Period to the Present (3) |
| ENGL 16     | Poetry (3) |

HISTORY

| HIST 1A    | History of Western Civilization (3) |
| HIST 1B    | History of Western Civilization (3) |
| HIST 2     | World Civilization to 1500 C.E. (3) |
| HIST 3     | World Civilization 1500 to Present (3) |
| HIST 17A   | United States History (3) |
| HIST 17B   | United States History (3) |
| HIST 36    | History of the Far East (3) |

PHILOSOPHY

| PHIL 6     | Introduction to Philosophy (3) |
| PHIL 7     | Ethics: Understanding Right and Wrong (3) |

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

END OF HISTORY, WITH A SPECIALIZATION IN HISTORY FOR FUTURE TEACHERS
Articulation Agreement by Major
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Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Shasta 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 about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap

For information about 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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================================================================================
MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER
================================================================================

ONE COLLEGE-LEVEL MATHEMATICS COURSE:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Articulated</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>OR</td>
<td>STATS 7</td>
<td>4</td>
<td>MATH 14 Introduction to Statistics</td>
</tr>
<tr>
<td>OR</td>
<td>STATS 67</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>I&amp;C SCI 31 &amp;</td>
<td>Introduction to Programming</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>Same as: CSE 41 &amp;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I&amp;C SCI 32 &amp;</td>
<td>Programming with Software Libraries</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>Same as: CSE 42 &amp;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I&amp;C SCI 33</td>
<td>Intermediate Programming</td>
<td>4</td>
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</tr>
<tr>
<td>Same as: CSE 43 &amp;</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

ADDITIONAL APPROVED COURSES FOR THE MAJOR

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>IN4MATX 43</td>
<td>Introduction to Software Engineering</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>I&amp;C SCI 90</td>
<td>New Students Seminar</td>
<td>1</td>
<td>No course articulated</td>
</tr>
<tr>
<td>I&amp;C SCI 45J</td>
<td>Programming in Java as a Second Language</td>
<td>4</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

END OF INFORMATICS
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====Innovation and Entrepreneurship (Minor in)====

The Minor in Innovation and Entrepreneurship

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

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

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

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

END OF INNOVATION AND ENTREPRENEURSHIP (Minor in)
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================================================================================  
====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 about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap

For information about 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) | | ECON 20B Basic Economics II (4)
INTL ST 13 Global Economy (4) | | ECON 1B Principles of Economics (3) (Macro)
INTL ST 14 Introduction to International Relations (4) | | ECON 1B Principles of Economics (3) (Macro)
HISTORY 21A World: Innovations (4) | | HIST 2 World Civilization to 1500 C.E. (3)
HISTORY 21B World: Empires and Revolutions (4) | | HIST 3 World Civilization 1500 to Present (3)
HISTORY 21C World: Wars and Rights (4) | | HIST 3 World Civilization 1500 to Present (3)

One course from: |One course from:  
ANTHRO 2A Introduction to Sociocultural Anthropology (4) | | ANTH 2 Cultural Anthropology (3)
POL SCI 51A Introduction to Politics Around the World (4) | | No course articulated
REL STD 5A World Religions I (4) | | HIST 38 History of World Religions (3)
Same as: HISTORY 16A | | HIST 38 History of World Religions (3)
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| REL STD 5B    World Religions II (4) | HIST 38 History of World (3) |
| Same as: HISTORY 16B                | Religions                     |
| SOC SCI 5D    U.S. and World Geography (4) | GEOG 8 World Regional Geography (3) |
| SOCIOL 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) OR

- FREN 4 Intermediate French (3)
- GERM 4 Intermediate German (3)
- JAPN 4 Japanese 4 (5)
- RUSS 4 Intermediate Russian (5)
- SPAN 4 Spanish 4 (4)

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) | MATH 3A & Calculus (4) |
| MATH 2B & Single-Variable Calculus (4) | MATH 14 Introduction to Statistics (4) |
| STATS 7 Basic Statistics (4) | Statistics |
| 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) |

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 INTERNATIONAL STUDIES
Articulation Agreement by Major
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Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine  |  From: Shasta 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](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 about 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)

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

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| JAPANESE 1A  | Fundamental Japanese (5) | JAPN 1 | Japanese 1 (5) |
| JAPANESE 1B  | Fundamental Japanese (5) | JAPN 2 | Japanese 2 (5) |
| JAPANESE 1C  | Fundamental Japanese (5) | |

| JAPANESE 2A  | Intermediate Japanese (5) | JAPN 3 | Japanese 3 (5) |
| JAPANESE 2C  | Intermediate Japanese (5) | |

| JAPANESE 3A  | Advanced Japanese (4) | No course articulated |
| JAPANESE 3B  | Advanced Japanese (4) | |
| JAPANESE 3C  | Advanced Japanese (4) | |

One additional course in Japanese literature, culture, history, art | One course from:
# Articulation Agreement by Major

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**To:** UC Irvine  
**From:** Shasta College

**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**
- **Writing**
  - ENGL 1A College Composition (4)
  - ENGL 1B Literature and Composition (3)
  - ENGL 1C Critical Reasoning, Reading and Writing (3)

**Literature**
- ENGL 10A World Literature - to 1650 (3)
- ENGL 10B World Literature - after 1650 (3)
- ENGL 11A A Survey of American Literature-Precocolial to 1860 (3)
- ENGL 11B Survey/American Literature-1860 to the Present (3)
- ENGL 13A A Survey of English Literature-Old English Period through Neoclassicism (3)
- ENGL 13B A Survey of English Literature-from the Romantic Period to the Present (3)
- ENGL 16 Poetry (3)

**History**
- HIST 1A History of Western Civilization (3)
- HIST 1B History of Western Civilization (3)
- HIST 2 World Civilization to 1500 C.E. (3)
- HIST 3 World Civilization 1500 to Present (3)
- HIST 17A United States History (3)
- HIST 17B United States History (3)
- HIST 36 History of the Far East (3)

**Philosophy**
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To: UC Irvine | From: Shasta College

| PHIL 6 | Introduction to Philosophy | (3) |
| PHIL 7 | Ethics: Understanding Right and Wrong | (3) |

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) |

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.ucla.edu/undergrad/academics/lang.php](http://www.humanities.ucla.edu/undergrad/academics/lang.php)

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

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

For information about 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)

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

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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: literature, culture, history, art |
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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

| ENGL 1A | College Composition       | 4 |
| ENGL 1B | Literature and Composition | 3 |
| ENGL 1C | Critical Reasoning, Reading and Writing | 3 |

ENGLISH LITERATURE

| ENGL 10A | World Literature - to 1650 | 3 |
| ENGL 10B | World Literature - after 1650 | 3 |
| ENGL 11A | A Survey of American Literature-Precocolial to 1860 | 3 |
| ENGL 11B | Survey/American Literature-1860 to the Present | 3 |
| ENGL 13A | A Survey of English Literature-Old English Period through Neoclassicism | 3 |
| ENGL 13B | A Survey of English Literature-from the Romantic Period to the Present | 3 |
| ENGL 16  | Poetry                    | 3 |

HISTORY

| HIST 1A | History of Western Civilization | 3 |
| HIST 1B | History of Western Civilization | 3 |
| HIST 2  | World Civilization to 1500 C.E. | 3 |
| HIST 3  | World Civilization 1500 to Present | 3 |
| HIST 17A | United States History | 3 |
| HIST 17B | United States History | 3 |
| HIST 36 | History of the Far East | 3 |

PHILOSOPHY
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| PHIL 6 | Introduction to Philosophy (3) |
| PHIL 7 | Ethics: Understanding Right and Wrong (3) |

**OR**

**HUMAN 1A & HUMANITIES Core Lecture (4)** | No course articulated
**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)** |

**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>Course</th>
<th>Title</th>
<th>Units</th>
<th>Articulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>LINGUIS 3</td>
<td>Introduction to Linguistics</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>LINGUIS 10</td>
<td>Introduction to Phonology</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>LINGUIS 20</td>
<td>Introduction to Syntax</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>LINGUIS 43</td>
<td>Introduction to</td>
<td>4</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>Symbolic Logic</th>
<th>PHILOS 30, LPS 30</th>
</tr>
</thead>
<tbody>
<tr>
<td>LINGUIS 51 Acquisition of Language (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>LINGUIS 1 Languages of the World (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>LINGUIS 2 Discovering Language (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>LINGUIS 68 Introduction to Language (4) and Culture</td>
<td>No course articulated</td>
</tr>
<tr>
<td>Same as: PSYCH 56L</td>
<td></td>
</tr>
</tbody>
</table>

END OF LANGUAGE SCIENCE

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

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

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:

- ENGLISH 28A  The Poetic Imagination (4) [ENGL 10A  World Literature - to (3) 1650]
  OR
- ENGLISH 28D  The Craft of Poetry (4) [ENGL 10B  World Literature - after 1650]
  OR
- ENGLISH 28B  Comic and Tragic Vision (4) [ENGL 11A  A Survey of American Literature - Precolonial to 1860]
  OR
Articulation Agreement by Major  
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<table>
<thead>
<tr>
<th>ENGLISH 28C</th>
<th>Realism and Romance (4)</th>
<th>ENGL 11B</th>
<th>Survey/American Literature-1860 to the Present</th>
</tr>
</thead>
<tbody>
<tr>
<td>OR</td>
<td>ENGLISH 28E</td>
<td>The Craft of Fiction (4)</td>
<td></td>
</tr>
<tr>
<td>ENGL 12</td>
<td>Introduction to Short Fiction</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 13A</td>
<td>A Survey of English Literature-Old English Period through Neoclassicism</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 13B</td>
<td>A Survey of English Literature-from the Romantic Period to the Present</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 16</td>
<td>Poetry (3)</td>
<td></td>
<td></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) |
| FREN 4 | Intermediate French (3) |
| OR | GERM 4 | Intermediate German (3) |
| OR | JAPN 4 | Japanese 4 (5) |
| OR | RUSS 4 | Intermediate Russian (5) |
| OR | ASL 4 | American Sign Language 4 (4) |
| OR | SPAN 4 | Spanish 4 (4) |

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:

<table>
<thead>
<tr>
<th>LOWER-DIVISION WRITING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1A</td>
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<tr>
<td>ENGL 1B</td>
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<td>ENGL 1C</td>
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<tr>
<td>ENGL 10A</td>
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<td>ENGL 10B</td>
</tr>
<tr>
<td>ENGL 11A</td>
</tr>
<tr>
<td>ENGL 11B</td>
</tr>
<tr>
<td>ENGL 13A</td>
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</table>
### Articulation Agreement by Major

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<table>
<thead>
<tr>
<th>To: UC Irvine</th>
<th>From: Shasta College</th>
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<tbody>
<tr>
<td></td>
<td>Literature-Old English</td>
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<tr>
<td></td>
<td>Period through</td>
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<td>Neoclassicism</td>
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<tr>
<td>ENGL 13B</td>
<td>A Survey of English (3)</td>
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<td>Literature-from the</td>
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<td>Romantic Period to the</td>
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<td>Present</td>
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<td>ENGL 16</td>
<td>Poetry (3)</td>
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**HISTORY**

<table>
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<tr>
<th>HIST 1A</th>
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<tbody>
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<td>HIST 1B</td>
<td>History of Western Civilization (3)</td>
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<tr>
<td>HIST 2</td>
<td>World Civilization to 1500 C.E. (3)</td>
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<tr>
<td>HIST 3</td>
<td>World Civilization 1500 to Present (3)</td>
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<td>HIST 17A</td>
<td>United States History (3)</td>
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<td>United States History (3)</td>
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<td>HIST 36</td>
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**PHILOSOPHY**

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<tr>
<th>PHIL 6</th>
<th>Introduction to Philosophy (3)</th>
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<tr>
<td>PHIL 7</td>
<td>Ethics: Understanding Right and Wrong (3)</td>
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**OR**

<table>
<thead>
<tr>
<th>HUMAN 1A</th>
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<tbody>
<tr>
<td>HUMAN 1B</td>
<td>Humanities Core Lecture (4)</td>
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<td>HUMAN 1C</td>
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<tr>
<td>HUMAN 1AS</td>
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<td>HUMAN 1CS</td>
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</table>

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

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

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

ECON 20A    Basic Economics I         (4)|ECON 1A    Principles of Economics (3) (Micro)

One course or one sequence of statistics: |
# Articulation Agreement by Major

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<table>
<thead>
<tr>
<th>To: UC Irvine</th>
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<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
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<tr>
<td>ANTHRO 10B</td>
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<td>ANTHRO 10C</td>
<td>Probability and Statistics</td>
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<tr>
<td>ENGRCEE 11</td>
<td>Methods II: Probability and Statistics</td>
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<td>OR</td>
<td>OR</td>
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<tr>
<td>ECON 15A</td>
<td>Probability and Statistics in Economics I</td>
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<tr>
<td>ECON 15B</td>
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<tr>
<td>MGMT 7</td>
<td>Statistics for Business Decision Making</td>
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<td>MATH 14 Introduction to Statistics</td>
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<tr>
<td>STATS 7</td>
<td>Basic Statistics</td>
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<td>MATH 14 Introduction to Statistics</td>
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<td>OR</td>
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<tr>
<td>STATS 8</td>
<td>Introduction to Biological Statistics</td>
<td>4</td>
<td>MATH 14 Introduction to Statistics</td>
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<td>OR</td>
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<tr>
<td>STATS 67</td>
<td>Introduction to Probability and Statistics for Computer Science</td>
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<tr>
<td>PSYCH 10A</td>
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<td>PSYCH 10B</td>
<td>Probability and Statistics in Psychology II</td>
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<tr>
<td>PSYCH 10C</td>
<td>Probability and Statistics in Psychology III</td>
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<td>4</td>
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<td>General Statistics and Probability I</td>
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<td>SOC SCI 9B</td>
<td>General Statistics and Probability II</td>
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<tr>
<td>SOC SCI 9C</td>
<td>General Statistics and Probability III</td>
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<table>
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<tr>
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<tr>
<td>Statistics in the</td>
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<tr>
<td>Social Sciences II</td>
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<tr>
<td>SOC SCI 10C Probability and (4)</td>
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<tr>
<td>Statistics in the</td>
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<tr>
<td>Social Sciences III</td>
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<td>OR</td>
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<tr>
<td>Statistics</td>
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<td>BUAD 10 Introduction to (3)</td>
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<tr>
<td>and Management</td>
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<tr>
<td>Business</td>
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END OF MANAGEMENT (Minor In)
Articulation Agreement by Major
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To: UC Irvine | From: Shasta College

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

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

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

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

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

<table>
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<tr>
<th>Course Code</th>
<th>Course Description</th>
<th>Units</th>
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<tbody>
<tr>
<td>MATH 2A 4</td>
<td>Single-Variable Calculus</td>
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<td>MATH 2B 4</td>
<td>Single-Variable Calculus</td>
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<tr>
<td>MATH 2D 4</td>
<td>Multivariable Calculus</td>
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<tr>
<td>MATH 2E 4</td>
<td>Multivariable Calculus</td>
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<tr>
<td>MATH 3A 6</td>
<td>Calculus</td>
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<td>MATH 3B 5</td>
<td>Calculus</td>
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<td>MATH 4A 4</td>
<td>Calculus</td>
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<td>MATH 4A 4</td>
<td>Calculus</td>
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</table>
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|================================================================================|
| MATH 3A | Introduction to Linear Algebra | (4) | MATH 6 | Linear Algebra | (3) |
| MATH 3D | Elementary Differential Equations | (4) | MATH 4B | Differential Equations | (4) |
| PHYSICS 7C | Classical Physics | (4) | PHYS 4A | Physics - Mechanics | (4) |
| PHYSICS 7LC | Classical Physics | (1) | PHYS 4B | Physics - Electricity and Magnetism |
| PHYSICS 7D | Classical Physics | (4) | PHYS 4C | Physics (Heat, Waves, Optics, and Modern Physics) |
| PHYSICS 7LD | Classical Physics | (1) |
| PHYSICS 7E | Classical Physics | (4) |
| ENGR 1A | General Chemistry for Engineers | (4) | CHEM 1A | General Chemistry | (5) |
| CHEM 1B | General Chemistry | (4) |
| CHEM 1C | General Chemistry | (4) |
| CHEM 1LC | General Chemistry | (2) | Laboratory |
| OR | OR |
| CHEM 1A | General Chemistry | (4) | CHEM 1A | General Chemistry | (5) |
| CHEM 1B | General Chemistry | (4) | CHEM 1B | General Chemistry | (5) |
| CHEM 1C | General Chemistry | (4) |
| CHEM 1LC | General Chemistry | (2) | Laboratory |
| ENGRMAE 10 | Introduction to Engineering Computations | (4) | CIS 61 | C++ Language Programming | (3) |
| OR | OR |
| EECS 10 | Computational Methods in Electrical and Computer Engineering | (4) | CIS 61 | C++ Language Programming | (3) |
| MAJOR PREPARATION COURSES NECESSARY TO GRADUATE IN 2 YEARS |

| ENGRMAE 30 | Statics | (4) | ENGR 35 | Statics | (3) |
| ENGR 54 | Principles of Materials Science and Engineering | (4) | ENGR 45 | Properties of Materials | (4) |
| ENGRMAE 60 | Electric Circuits | (4) | No course articulated |
| EECS 70A | Network Analysis I | (4) | ENGR 17 | Circuits and Devices | (4) |

ADDITIONAL MAJOR REQUIREMENTS

| CBEMS 65A | Thermodynamics of Materials | (4) | No course articulated |
| OR | OR |
Articulation Agreement by Major  
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| ENGRMAE 91 | Introduction to Thermodynamics | (4) | No course articulated |
| CBEMS 65B | Diffusion in Materials | (4) | No course articulated |

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### ADDITIONAL MAJOR ELECTIVES

<table>
<thead>
<tr>
<th>4 quarter units from the following:</th>
</tr>
</thead>
</table>

| BIO SCI 93 | From DNA to Organisms | (4) | BIOL 1 Principles of Biology | (4) |
| BME 50A | Cell and Molecular Engineering | (4) | No course articulated |
| CHEM 51A | Organic Chemistry | (4) | CHEM 70 Organic Chemistry | (4) |
| | | | CHEM 70A Organic Chemistry | (1) |
| | | | Laboratory |
| EECS 70B | Network Analysis II | (4) | No course articulated |
| ENGR 7A | Introduction to Engineering I | (2) | No course articulated |
| | 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) | MATH 14 Introduction to Statistics | (4) |

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

For information about 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 | MATH 3A & Calculus |
| MATH 2B Single-Variable Calculus | MATH 3B Calculus |

ADDITIONAL APPROVED COURSES FOR THE MAJOR

| MATH 2D Multivariable Calculus | MATH 4A Calculus |
| MATH 2E Multivariable Calculus | MATH 4A Calculus |
| MATH 3A Introduction to Linear Algebra | MATH 6 Linear Algebra |
| MATH 3D Elementary Differential Equations | MATH 4B Differential Equations |
| MATH 13 Introduction to Abstract Mathematics | No course articulated |

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

<table>
<thead>
<tr>
<th>Shasta College Courses</th>
<th>UC Irvine Courses</th>
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<tbody>
<tr>
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<td>CHEM 1B &amp; General Chemistry (4)</td>
<td>CHEM 1B &amp; General Chemistry (5)</td>
</tr>
<tr>
<td>CHEM 1C &amp; General Chemistry (4)</td>
<td>CHEM 1C &amp; General Chemistry (4)</td>
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<tr>
<td>OR</td>
<td>OR</td>
</tr>
<tr>
<td>PHYSICS 7C &amp; Classical Physics (4)</td>
<td>PHYSICS 4B &amp; Physics - Electricity and Magnetism (4)</td>
</tr>
<tr>
<td>PHYSICS 7D &amp; Classical Physics (4)</td>
<td>PHYSICS 4B &amp; Physics - Electricity and Magnetism (4)</td>
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<td>PHYSICS 7E &amp; Classical Physics (4)</td>
<td>PHYSICS 4B &amp; Physics - Electricity and Magnetism (4)</td>
</tr>
</tbody>
</table>

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MATH 9 & Introduction to Programming (4) | CIS 61 & C++ Language Programming (3) |

MATH 9 & Introduction to Programming (4) | CIS 61 & C++ Language Programming (3) |

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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.

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

For information about 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 Name</th>
<th>Units</th>
</tr>
</thead>
<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>
<tr>
<td>MATH 3A</td>
<td>Calculus</td>
<td>(4)</td>
</tr>
<tr>
<td>MATH 3B</td>
<td>Calculus</td>
<td>(5)</td>
</tr>
<tr>
<td>MATH 4A</td>
<td>Calculus</td>
<td>(4)</td>
</tr>
<tr>
<td>MATH 4A</td>
<td>Calculus</td>
<td>(4)</td>
</tr>
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</table>
Articulation Agreement by Major
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<table>
<thead>
<tr>
<th>MATH 3A</th>
<th>Introduction to Linear Algebra</th>
<th>(4)</th>
<th>MATH 6</th>
<th>Linear Algebra</th>
<th>(3)</th>
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</thead>
<tbody>
<tr>
<td>MATH 3D</td>
<td>Elementary Differential Equations</td>
<td>(4)</td>
<td>MATH 4B</td>
<td>Differential Equations</td>
<td>(4)</td>
</tr>
<tr>
<td>PHYSICS 7C &amp; Classical Physics</td>
<td>(4)</td>
<td>PHYS 4A &amp; Physics - Mechanics</td>
<td>(4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7LC &amp; Classical Physics</td>
<td>(1)</td>
<td>PHYS 4B &amp; Physics - Electricity</td>
<td>(4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7D &amp; Classical Physics</td>
<td>(4)</td>
<td>PHYS 4C</td>
<td>Physics (Heat, Waves, and Magnetism)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7LD &amp; Classical Physics</td>
<td>(1)</td>
<td>PHYS 4C</td>
<td>Optics, and Modern Physics</td>
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<td>PHYSICS 7E</td>
<td>Classical Physics</td>
<td>(4)</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

| ENGR 1A & General Chemistry for Engineers | (4) | CHEM 1A | General Chemistry | (5) |
| CHEM 1LE | Accelerated General Chemistry Laboratory | (3) |
| OR | CHEM 1A | General Chemistry | (4) |
| OR | CHEM 1LE | Accelerated General Chemistry Laboratory | (3) |

| ENGRMAE 10 | Introduction to Engineering Computations | (4) | CIS 61 | C++ Language Programming | (3) |

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

| ENGRMAE 30 | Statics | (4) | ENGR 35 | Statics | (3) |
| Same as: ENGR 30, ENGRCEE 30 |

| ENGRMAE 52 | Computer-Aided Design | (4) | ENGR 29 & Computer-Aided Drafting | (2) |
| ENGR 30 | Intermediate Computer-Aided Drafting | (2) |
| (ENGR 30 FOR SUBJECT CREDIT ONLY; NO UC TRANSFER UNIT CREDIT) |

| ENGR 54 | Principles of Materials Science and Engineering | (4) | ENGR 45 | Properties of Materials | (4) |

| ENGRMAE 60 | Electric Circuits | (4) | No course articulated |
| OR | EECS 70A | Network Analysis I | (4) | ENGR 17 | Circuits and Devices | (4) |

**ADDITIONAL MAJOR REQUIREMENTS**

| PHYSICS 52A | Fundamentals of Experimental Physics | (2) | PHYS 4C | Physics (Heat, Waves, Optics, and Modern Physics) | (4) |
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<table>
<thead>
<tr>
<th>ECON 20A</th>
<th>Basic Economics I</th>
<th>(4)</th>
<th>ECON 1A</th>
<th>Principles of Economics (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>ECON 23</td>
<td>Basic Economics for Engineers</td>
<td>(4)</td>
<td>No course articulated</td>
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<table>
<thead>
<tr>
<th>ENGRMAE 80</th>
<th>Dynamics</th>
<th>(4)</th>
<th>No course articulated</th>
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<tbody>
<tr>
<td>ENGRMAE 91</td>
<td>Introduction to Thermodynamics</td>
<td>(4)</td>
<td>No course articulated</td>
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### ADDITIONAL MAJOR ELECTIVES

<table>
<thead>
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<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>AGNR 60</td>
<td>Environmental Science</td>
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<tr>
<td>AGNR 61</td>
<td>Environmental Science Laboratory</td>
<td>(1)</td>
</tr>
<tr>
<td>AGPS 20</td>
<td>Plant Science</td>
<td>(4)</td>
</tr>
<tr>
<td>ANAT 1</td>
<td>Human Anatomy</td>
<td>(5)</td>
</tr>
<tr>
<td>ANTH 1</td>
<td>Physical Anthropology</td>
<td>(3)</td>
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<tr>
<td>ASTR 1</td>
<td>Astronomy</td>
<td>(3)</td>
</tr>
<tr>
<td>BIOL 1</td>
<td>Principles of Biology</td>
<td>(4)</td>
</tr>
<tr>
<td>BIOL 5</td>
<td>Introduction to Human Biology</td>
<td>(3)</td>
</tr>
<tr>
<td>BIOL 6</td>
<td>Introduction to Human Biology Laboratory</td>
<td>(1)</td>
</tr>
<tr>
<td>BIOL 10</td>
<td>General Biology</td>
<td>(3)</td>
</tr>
<tr>
<td>BIOL 10L</td>
<td>General Biology Laboratory</td>
<td>(1)</td>
</tr>
<tr>
<td>BOT 1</td>
<td>General Botany</td>
<td>(4)</td>
</tr>
<tr>
<td>CHEM 1A</td>
<td>General Chemistry</td>
<td>(5)</td>
</tr>
<tr>
<td>CHEM 1B</td>
<td>General Chemistry</td>
<td>(5)</td>
</tr>
<tr>
<td>CHEM 2A</td>
<td>Introduction to Chemistry</td>
<td>(5)</td>
</tr>
<tr>
<td>CHEM 2B</td>
<td>Introduction to Organic and Biochemistry</td>
<td>(5)</td>
</tr>
<tr>
<td>CHEM 6</td>
<td>Introductory Chemistry</td>
<td>(4)</td>
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<tr>
<td>CHEM 10</td>
<td>Chemistry for the Liberal Arts</td>
<td>(3)</td>
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<tr>
<td>CHEM 11</td>
<td>Chemistry Lab for the Liberal Arts</td>
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<td>CHEM 16</td>
<td>Chemical Problem Solving</td>
<td>(3)</td>
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<tr>
<td>CHEM 70</td>
<td>Organic Chemistry</td>
<td>(4)</td>
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<tr>
<td>CHEM 71</td>
<td>Organic Chemistry</td>
<td>(3)</td>
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<tr>
<td>ESCI 1</td>
<td>Physical Geology</td>
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</tr>
<tr>
<td>ESCI 2</td>
<td>Historical Geology</td>
<td>(4)</td>
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</tbody>
</table>
Articulation Agreement by Major  
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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESCI 3</td>
<td>Mineralogy and Crystal Optics</td>
<td>(5)</td>
</tr>
<tr>
<td>ESCI 4</td>
<td>Rock Origins and Relationships</td>
<td>(4)</td>
</tr>
<tr>
<td>ESCI 5</td>
<td>Introduction to Geology</td>
<td>(4)</td>
</tr>
<tr>
<td>ESCI 6</td>
<td>Ancient Life</td>
<td>(4)</td>
</tr>
<tr>
<td>ESCI 7</td>
<td>Introduction to the Geology of California</td>
<td>(4)</td>
</tr>
<tr>
<td>ESCI 8</td>
<td>Planetary Geology: Development, History and Planetary Processes</td>
<td>(3)</td>
</tr>
<tr>
<td>ESCI 9</td>
<td>Earthquakes, Volcanoes and Other Geologic Hazards</td>
<td>(3)</td>
</tr>
<tr>
<td>ESCI 10</td>
<td>Environmental Geology</td>
<td>(4)</td>
</tr>
<tr>
<td>ESCI 12</td>
<td>General Earth Science</td>
<td>(4)</td>
</tr>
<tr>
<td>ESCI 14</td>
<td>Meteorology</td>
<td>(3)</td>
</tr>
<tr>
<td>ESCI 15</td>
<td>Oceanography</td>
<td>(4)</td>
</tr>
<tr>
<td>ESCI 17</td>
<td>Earth System Science</td>
<td>(3)</td>
</tr>
<tr>
<td>ESCI 18</td>
<td>Global Climate: Past, Present and Future</td>
<td>(3)</td>
</tr>
<tr>
<td>GEOG 1A</td>
<td>Physical Geography</td>
<td>(3)</td>
</tr>
<tr>
<td>GEOG 1AL</td>
<td>Physical Geography - Lab</td>
<td>(1)</td>
</tr>
<tr>
<td>MICR 1</td>
<td>Microbiology</td>
<td>(5)</td>
</tr>
<tr>
<td>NHIS 15</td>
<td>Natural History of California</td>
<td>(3)</td>
</tr>
<tr>
<td>PHSC 1</td>
<td>Physical Science Survey</td>
<td>(4)</td>
</tr>
<tr>
<td>PHY 1</td>
<td>Physiology</td>
<td>(5)</td>
</tr>
<tr>
<td>PHYS 2A</td>
<td>General College Physics</td>
<td>(4)</td>
</tr>
<tr>
<td>PHYS 2B</td>
<td>General College Physics</td>
<td>(4)</td>
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<td>PHYS 4A</td>
<td>Physics - Mechanics</td>
<td>(4)</td>
</tr>
<tr>
<td>PHYS 4B</td>
<td>Physics - Electricity and Magnetism</td>
<td>(4)</td>
</tr>
<tr>
<td>PHYS 4C</td>
<td>Physics (Heat, Waves, Optics, and Modern Physics)</td>
<td>(4)</td>
</tr>
<tr>
<td>ZOOL 1</td>
<td>General Zoology</td>
<td>(4)</td>
</tr>
</tbody>
</table>

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**ENGR 7A**  
Introduction to Engineering I  
(2) No course articulated  

**ENGR 7B**  
Introduction to Engineering II  
(2) No course articulated  

---

**END OF MECHANICAL ENGINEERING**
Articulation Agreement by Major  
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================================================================================

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

For information about 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</th>
<th>From DNA to Organisms</th>
<th>(4)</th>
<th>BIOL 1 Principles of Biology</th>
<th>(4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 94</td>
<td>From Organisms to Ecosystems</td>
<td>(4)</td>
<td>BOT 1 General Botany</td>
<td>(4)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OR ZOOOL 1 General Zoology</td>
<td></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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<table>
<thead>
<tr>
<th>Shasta College</th>
<th>UC Irvine</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1A &amp; General Chemistry (4)</td>
<td>CHEM 1A &amp; General Chemistry (5)</td>
</tr>
<tr>
<td>CHEM 1B &amp; General Chemistry (4)</td>
<td>CHEM 1B &amp; General Chemistry (5)</td>
</tr>
<tr>
<td>CHEM 1C &amp; General Chemistry (4)</td>
<td></td>
</tr>
<tr>
<td>CHEM 1LC &amp; General Chemistry Laboratory (2)</td>
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</tr>
<tr>
<td>CHEM 1LD General Chemistry Laboratory (2)</td>
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<table>
<thead>
<tr>
<th>Shasta College</th>
<th>UC Irvine</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 51A &amp; Organic Chemistry (4)</td>
<td>CHEM 70 &amp; Organic Chemistry (4)</td>
</tr>
<tr>
<td>CHEM 51LB Organic Chemistry Laboratory (2)</td>
<td>CHEM 70A Organic Chemistry Laboratory (1)</td>
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<table>
<thead>
<tr>
<th>Shasta College</th>
<th>UC Irvine</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 51B &amp; Organic Chemistry (4)</td>
<td>CHEM 70 &amp; Organic Chemistry (4)</td>
</tr>
<tr>
<td>CHEM 51C &amp; Organic Chemistry (4)</td>
<td>CHEM 70A &amp; Organic Chemistry Laboratory (1)</td>
</tr>
<tr>
<td>CHEM 51LC Organic Chemistry Laboratory (2)</td>
<td>CHEM 71 &amp; Organic Chemistry (3)</td>
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**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

<table>
<thead>
<tr>
<th>Shasta College</th>
<th>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>
</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>Shasta College</th>
<th>UC Irvine</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A &amp; Single-Variable Calculus (4)</td>
<td>MATH 3A Calculus (4)</td>
</tr>
<tr>
<td>MATH 2B Single-Variable Calculus (4)</td>
<td>and one of the following:</td>
</tr>
<tr>
<td>and one of the following:</td>
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</tr>
<tr>
<td>STATS 7 Basic Statistics (4)</td>
<td>MATH 14 Introduction to Statistics (4)</td>
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<tr>
<td>STATS 8 Introduction to Biological Statistics (4)</td>
<td>MATH 4A Calculus (4)</td>
</tr>
<tr>
<td>MATH 2D Multivariable Calculus (4)</td>
<td>MATH 4B Differential Equations (4)</td>
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<tr>
<td>MATH 3A Introduction to Linear Algebra (4)</td>
<td>MATH 6 Linear Algebra (3)</td>
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<tr>
<td>MATH 3B Calculus (5)</td>
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<table>
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<tr>
<th>Shasta College</th>
<th>UC Irvine</th>
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<tbody>
<tr>
<td>PHYSICS 3A &amp; Basic Physics (4)</td>
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</tr>
<tr>
<td>PHYSICS 3B &amp; Basic Physics (4)</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 3LB &amp; Basic Physics Laboratory (1.5)</td>
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</tr>
<tr>
<td>PHYSICS 3C &amp; Basic Physics (4)</td>
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</tr>
<tr>
<td>PHYSICS 3LC Basic Physics (1.5)</td>
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</tbody>
</table>
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<table>
<thead>
<tr>
<th>Laboratory</th>
<th>OR</th>
<th>OR</th>
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</thead>
<tbody>
<tr>
<td>PHYSICS 7C &amp; Classical Physics (4)</td>
<td>PHYS 4A &amp; Physics - Mechanics (4)</td>
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</tr>
<tr>
<td>PHYSICS 7LC &amp; Classical Physics (1)</td>
<td>PHYS 4B Physics - Electricity (4) and Magnetism</td>
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</tr>
<tr>
<td>PHYSICS 7D &amp; Classical Physics (4)</td>
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</tr>
<tr>
<td>PHYSICS 7LD &amp; Classical Physics (1)</td>
<td>Laboratory</td>
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</tr>
<tr>
<td>PHYSICS 7E Classical Physics (4)</td>
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<td></td>
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</table>

END OF MICROBIOLOGY AND IMMUNOLOGY
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From: Shasta 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 about 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)

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

<table>
<thead>
<tr>
<th>DRAMA 10</th>
<th>Introduction to Production Theory (4)</th>
<th>THTR 30</th>
<th>Stagecraft (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>One course from:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>DRAMA 15</td>
<td>Performance Now (4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DRAMA 20A</td>
<td>Culture in Performance (4)</td>
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<td></td>
</tr>
<tr>
<td>DRAMA 20B</td>
<td>Culture in Performance (4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DRAMA 20C</td>
<td>Culture in Performance (4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DRAMA 30A &amp;</td>
<td>Acting (4)</td>
<td>THTR 12 &amp;</td>
<td>Acting I (2)</td>
</tr>
<tr>
<td>DRAMA 30B &amp;</td>
<td>Acting (4)</td>
<td>THTR 13</td>
<td>Acting II (2)</td>
</tr>
<tr>
<td>DRAMA 30C</td>
<td>Acting (4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DRAMA 40A &amp;</td>
<td>Development of Drama (4)</td>
<td>THTR 8 &amp;</td>
<td>History of World Theatre (3)</td>
</tr>
<tr>
<td>DRAMA 40B &amp;</td>
<td>Development of Drama (4)</td>
<td>THTR 9</td>
<td>History of World Theatre (3)</td>
</tr>
<tr>
<td>DRAMA 40C</td>
<td>Development of Drama (4)</td>
<td>THTR 8 &amp;</td>
<td>History of World Theatre (3)</td>
</tr>
<tr>
<td>One course from:</td>
<td>One course from:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DRAMA 50A</td>
<td>Introduction to Costume Design (4)</td>
<td>No course articulated</td>
<td></td>
</tr>
<tr>
<td>DRAMA 50B</td>
<td>Introduction to Scenic Design (4)</td>
<td>No course articulated</td>
<td></td>
</tr>
</tbody>
</table>
Articulation Agreement by Major  
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| DRAMA 50C | Introduction to Lighting (4) | No course articulated |
| DRAMA 50D | Introduction to Sound (4)    | No course articulated |
| DRAMA 50E | Introduction to Stage (4)    | No course articulated |
| 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 50A Beginning Tap Dance (1)

END OF MUSIC THEATRE
Articulation Agreement by Major
Effective during the 18-19 Academic Year
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To: UC Irvine | From: Shasta 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 about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap

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

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

MUSIC (B.A./B.Mus.) CORE REQUIREMENTS:

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSIC 15A</td>
<td>Musicianship I</td>
</tr>
<tr>
<td>MUSIC 15B</td>
<td>Musicianship II</td>
</tr>
<tr>
<td>MUSIC 15C</td>
<td>Musicianship III</td>
</tr>
<tr>
<td>MUS 2</td>
<td>Diatonic Harmony and Musicianship</td>
</tr>
<tr>
<td>MUS 3</td>
<td>Advanced Diatonic Harmony and Musicianship</td>
</tr>
<tr>
<td>MUS 4</td>
<td>Chromatic Harmony</td>
</tr>
<tr>
<td>MUS 5</td>
<td>Twentieth Century Harmony</td>
</tr>
<tr>
<td>MUS 16A</td>
<td>Music Theory</td>
</tr>
<tr>
<td>MUS 16B</td>
<td>Diatonic Harmony and Musicianship</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major  
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<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSIC 16B &amp;</td>
<td>Music Theory</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 16C &amp;</td>
<td>Music Theory</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 16D</td>
<td>Theory/Musicianship</td>
<td>4</td>
</tr>
<tr>
<td>MUS 3 &amp;</td>
<td>Advanced Diatonic Harmony</td>
<td>4</td>
</tr>
<tr>
<td>MUS 4 &amp;</td>
<td>Chromatic Harmony</td>
<td>4</td>
</tr>
<tr>
<td>MUS 5</td>
<td>Twentieth Century Harmony</td>
<td>4</td>
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</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MUSIC 40B &amp;</td>
<td>History of European Music: From the Renaissance through the Baroque</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 40C</td>
<td>History of European Music: Hasse to Mahler</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MUSIC 40D</td>
<td>Twentieth-Century Music</td>
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<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MUSIC 51</td>
<td>Music Technology and Computers</td>
<td>4</td>
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</tbody>
</table>

Two years of vocal or instrumental instruction (At least one year must be in residence at UCI)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MUSIC 4</td>
<td>Introduction to Opera</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 8</td>
<td>The Beatles and the Sixties</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 9</td>
<td>Rock: The Early Years</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 14A &amp;</td>
<td>European and American Music: 1700-Twentieth Century</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 14B &amp;</td>
<td>European and American Music: 1700-Twentieth Century</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 14C</td>
<td>European and American Music: 1700-Twentieth Century</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 41</td>
<td>Major Composer</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 42</td>
<td>Music and Gender</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 44</td>
<td>Classical Music in Society</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 45</td>
<td>History of Film Music</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 78</td>
<td>History of Jazz</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 82A</td>
<td>Pish Radif: Introduction to Classical Persian Music</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 82B</td>
<td>Pish Radif: Introduction</td>
<td>4</td>
</tr>
</tbody>
</table>

Music B.A. Students

One course from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSIC 4</td>
<td>Introduction to Opera</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 8</td>
<td>The Beatles and the Sixties</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 9</td>
<td>Rock: The Early Years</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 14A &amp;</td>
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<td>4</td>
</tr>
<tr>
<td>MUSIC 14B &amp;</td>
<td>European and American Music: 1700-Twentieth Century</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 14C</td>
<td>European and American Music: 1700-Twentieth Century</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 41</td>
<td>Major Composer</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 42</td>
<td>Music and Gender</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 44</td>
<td>Classical Music in Society</td>
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<tr>
<td>MUSIC 45</td>
<td>History of Film Music</td>
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<tr>
<td>MUSIC 78</td>
<td>History of Jazz</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 82A</td>
<td>Pish Radif: Introduction to Classical Persian Music</td>
<td>4</td>
</tr>
<tr>
<td>MUSIC 82B</td>
<td>Pish Radif: Introduction</td>
<td>4</td>
</tr>
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</table>
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<table>
<thead>
<tr>
<th>To Classical Persian</th>
<th>Music</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSIC 82C</td>
<td>Pish Radif: Introduction (4)</td>
</tr>
</tbody>
</table>

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Music B.Mus. Students

<table>
<thead>
<tr>
<th>One course from:</th>
<th>One course from:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSIC 41</td>
<td>Major Composer</td>
</tr>
<tr>
<td>MUSIC 42</td>
<td>Music and Gender</td>
</tr>
<tr>
<td>MUSIC 44</td>
<td>Classical Music in</td>
</tr>
<tr>
<td></td>
<td>Society</td>
</tr>
<tr>
<td>MUSIC 45</td>
<td>History of Film Music</td>
</tr>
<tr>
<td>MUSIC 78</td>
<td>History of Jazz</td>
</tr>
<tr>
<td></td>
<td>MUS 11 History of Jazz and Rock (3)</td>
</tr>
</tbody>
</table>

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END OF MUSIC
Articulation Agreement by Major
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Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Shasta 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.

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

For information about 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</th>
<th>(4)</th>
<th>BIOL 1</th>
<th>Principles of Biology</th>
<th>(4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 94</td>
<td>From Organisms to Ecosystems</td>
<td>(4)</td>
<td>BOT 1</td>
<td>General Botany</td>
<td>(4)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OR</td>
<td>General Zoology</td>
<td>(4)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ZOOL 1</td>
<td>General Zoology</td>
<td>(4)</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) |
| CHEM 1B  & | General Chemistry | (4) |
| CHEM 1C  & | General Chemistry | (4) |
| CHEM 1LD | General Chemistry | (2) |

| CHEM 1B | General Chemistry | (4) |
| CHEM 1C | General Chemistry | (4) |
| CHEM 1LD | General Chemistry | (2) |

| CHEM 1C | General Chemistry | (4) |

| CHEM 1LD | General Chemistry | (2) |

| CHEM 1C | General Chemistry | (4) |
| CHEM 1LD | General Chemistry | (2) |

| CHEM 1C | General Chemistry | (4) |

| CHEM 1LD | General Chemistry | (2) |

| CHEM 1C | General Chemistry | (4) |

| CHEM 1LD | General Chemistry | (2) |

| CHEM 1C | General Chemistry | (4) |

| CHEM 1LD | General Chemistry | (2) |

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ADDITIONAL APPROVED COURSES FOR THE MAJOR

<table>
<thead>
<tr>
<th>BIO SCI 97</th>
<th>Genetics</th>
<th>(4)</th>
</tr>
</thead>
<tbody>
<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 professional school.

| MATH 2A  & | Single-Variable Calculus | (4) |
| MATH 2B | Single-Variable Calculus | (4) |

| STATS 7 | Basic Statistics | (4) |
| STATS 8 | Introduction to Biological Statistics | (4) |
| MATH 2D | Multivariable Calculus | (4) |
| MATH 3A | Introduction to Linear Algebra | (4) |

and one of the following:

| MATH 3A | Calculus | (4) |
| MATH 3B | Calculus | (4) |
| MATH 3C | Calculus | (4) |
| MATH 3D | Calculus | (4) |

| PHYSICS 3A  & | Basic Physics | (4) |
| PHYSICS 3B  & | Basic Physics | (4) |
| PHYSICS 3LB & | Basic Physics | (1.5) |
| PHYSICS 3LC | Basic Physics | (1.5) |
Articulation Agreement by Major  
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<table>
<thead>
<tr>
<th>Laboratory</th>
<th>OR</th>
<th>OR</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 7C  &amp; Classical Physics (4)</td>
<td>PHYS 4A  &amp; Physics - Mechanics (4)</td>
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</tr>
<tr>
<td>PHYSICS 7LC &amp; Classical Physics (4)</td>
<td>PHYS 4B Physics - Electricity (4)</td>
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</tr>
<tr>
<td>Laboratory</td>
<td>and Magnetism</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7D  &amp; Classical Physics (4)</td>
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<td></td>
</tr>
<tr>
<td>PHYSICS 7LD &amp; Classical Physics (4)</td>
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<td></td>
</tr>
<tr>
<td>Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7E  &amp; Classical Physics (4)</td>
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</tbody>
</table>

END OF NEUROBIOLOGY
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
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To: UC Irvine | From: Shasta 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. 

================================================================================ 
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http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap 

For information about Transfer Admission Guarantee for this major, go to  
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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.
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<table>
<thead>
<tr>
<th>CHEM 1A  General Chemistry (4)</th>
<th>CHEM 1B  General Chemistry (4)</th>
<th>CHEM 1C  General Chemistry (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1A  General Chemistry (4)</td>
<td>CHEM 1B  General Chemistry (4)</td>
<td>CHEM 1C  General Chemistry (4)</td>
</tr>
<tr>
<td>CHEM 51A  Organic Chemistry (4)</td>
<td>CHEM 51A  Organic Chemistry (4)</td>
<td>LABORATORY</td>
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<tr>
<td>CHEM 51A  Organic Chemistry (4)</td>
<td>CHEM 51A  Organic Chemistry (4)</td>
<td>LABORATORY</td>
</tr>
<tr>
<td>BIO SCI 97  Genetics (4)</td>
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</tr>
<tr>
<td>BIO SCI 98  Biochemistry (4)</td>
<td>No course articulated</td>
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<tr>
<td>BIO SCI E109  Human Physiology (4)</td>
<td>PHI 1  Physiology (5)</td>
<td>LABORATORY</td>
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<td>BIO SCI E112L  Physiology Laboratory (3)</td>
<td>Accepted as subject credit and lower division credit for the Nursing Science major only.</td>
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</tr>
<tr>
<td>BIO SCI M122  General Microbiology (4)</td>
<td>MICR 1  Microbiology (5)</td>
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</tr>
<tr>
<td>BIO SCI M118L  Experimental Microbiology Laboratory (4)</td>
<td>Accepted as subject credit and lower division credit for the Nursing Science major only.</td>
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</tr>
<tr>
<td>BIO SCI D170  Applied Human Anatomy (6)</td>
<td>ANAT 1  Human Anatomy (5)</td>
<td>Accepted as subject credit and lower division credit for the Nursing Science major only.</td>
</tr>
<tr>
<td>PHILOS 4  Introduction to Ethics (4)</td>
<td>PHIL 7  Ethics: Understanding Right and Wrong (3)</td>
<td>Accepted as subject credit and lower division credit for the Nursing Science major only.</td>
</tr>
<tr>
<td>OR</td>
<td>OR</td>
<td>Accepted as subject credit and lower division credit for the Nursing Science major only.</td>
</tr>
<tr>
<td>One course from:</td>
<td>One course from:</td>
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</tr>
<tr>
<td>PSYCH 7A  Introduction to Psychology (4)</td>
<td>PSYCH 7A  Introduction to Psychology (4)</td>
<td>Accepted as subject credit and lower division credit for the Nursing Science major only.</td>
</tr>
<tr>
<td>Same as: PSY BEH 9</td>
<td>Same as: PSY BEH 9</td>
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</tr>
<tr>
<td>PSYCH 9A  Psychology Fundamentals (4)</td>
<td>PSYCH 9A  Psychology Fundamentals (4)</td>
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<tr>
<td>PSYCH 9B  Psychology Fundamentals (4)</td>
<td>PSYCH 9B  Psychology Fundamentals (4)</td>
<td>Accepted as subject credit and lower division credit for the Nursing Science major only.</td>
</tr>
<tr>
<td>Same as: PSY BEH 11B</td>
<td>Same as: PSY BEH 11B</td>
<td></td>
</tr>
<tr>
<td>PSYCH 9C  Psychology Fundamentals (4)</td>
<td>PSYCH 9C  Psychology Fundamentals (4)</td>
<td>Accepted as subject credit and lower division credit for the Nursing Science major only.</td>
</tr>
<tr>
<td>Same as: PSY BEH 11C</td>
<td>Same as: PSY BEH 11C</td>
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</tr>
<tr>
<td>PSYCH 78A  Introduction to Social Psychology (4)</td>
<td>PSYCH 78A  Introduction to Social Psychology (4)</td>
<td>Accepted as subject credit and lower division credit for the Nursing Science major only.</td>
</tr>
</tbody>
</table>

|____________________________________________________________________________________|


Articulation Agreement by Major
Effective during the 18-19 Academic Year
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To: UC Irvine  |  From: Shasta College

<table>
<thead>
<tr>
<th>Course at Shasta College</th>
<th>Course at UC Irvine</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY BEH 9</td>
<td>PSYCH 7A</td>
</tr>
<tr>
<td>Same as: PSYCH 7A</td>
<td>PSYCH 7A</td>
</tr>
<tr>
<td>PSY BEH 11A</td>
<td>PSYCH 9A</td>
</tr>
<tr>
<td>Same as: PSYCH 9A</td>
<td>PSYCH 9A</td>
</tr>
<tr>
<td>PSY BEH 11B</td>
<td>PSYCH 9B</td>
</tr>
<tr>
<td>Same as: PSYCH 9B</td>
<td>PSYCH 9B</td>
</tr>
<tr>
<td>PSY BEH 11C</td>
<td>PSYCH 9C</td>
</tr>
<tr>
<td>Same as: PSYCH 9C</td>
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<table>
<thead>
<tr>
<th>Course at Shasta College</th>
<th>Course at UC Irvine</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUBHLTH 1</td>
<td></td>
</tr>
<tr>
<td>Principles of Public Health</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course at Shasta College</th>
<th>Course at UC Irvine</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHRO 2A</td>
<td>ANTH 2</td>
</tr>
<tr>
<td>Same as: ANTHRO 10A</td>
<td>PSYC 15</td>
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<tr>
<td>SOC SCI 1A</td>
<td>SOC 1</td>
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<tr>
<td>Same as: LINGUIS 68</td>
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<tr>
<td>ANTHRO 41A</td>
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</tr>
<tr>
<td>Same as: INTL ST 11</td>
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<tr>
<td>SOC SCI 1A</td>
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</tr>
<tr>
<td>Same as: PSYCH 78A</td>
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<tr>
<td>SOCIOL 44</td>
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<tr>
<td>SOCIOL 62</td>
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<table>
<thead>
<tr>
<th>Course at Shasta College</th>
<th>Course at UC Irvine</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYCH 10A</td>
<td>MATH 14</td>
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<tr>
<td>Same as: ANTHRO 10A</td>
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<tr>
<td>STATS 7</td>
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</tr>
</tbody>
</table>
Articulation Agreement by Major
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To: UC Irvine  |  From: Shasta College

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

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

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.

<table>
<thead>
<tr>
<th>Shasta College Course</th>
<th>UC Irvine Course</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1A &amp; General Chemistry (4)</td>
<td>CHEM 1A General Chemistry (5)</td>
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</tr>
<tr>
<td>CHEM 1B &amp; General Chemistry (4)</td>
<td>CHEM 1B General Chemistry (5)</td>
<td></td>
</tr>
<tr>
<td>CHEM 1C &amp; General Chemistry (4)</td>
<td>CHEM 1C General Chemistry</td>
<td></td>
</tr>
<tr>
<td>CHEM 1LD Laboratory</td>
<td>CHEM 1LD Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 1LC &amp; General Chemistry (2)</td>
<td>CHEM 1LC General Chemistry (2)</td>
<td></td>
</tr>
<tr>
<td>BIO SCI 93 From DNA to Organisms (4)</td>
<td>BIOL 1 Principles of Biology (4)</td>
<td></td>
</tr>
<tr>
<td>BIO SCI 94 From Organisms to Ecosystems (4)</td>
<td>BOT 1 General Botany (4)</td>
<td>OR ZOOL 1 General Zoology (4)</td>
</tr>
</tbody>
</table>

ADDITIONAL APPROVED COURSES FOR THE MAJOR

<table>
<thead>
<tr>
<th>Shasta College Course</th>
<th>UC Irvine Course</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 97 Genetics (4)</td>
<td>No course articulated</td>
<td></td>
</tr>
<tr>
<td>BIO SCI 98 Biochemistry (4)</td>
<td>No course articulated</td>
<td></td>
</tr>
<tr>
<td>BIO SCI 99 Molecular Biology (4)</td>
<td>No course articulated</td>
<td></td>
</tr>
<tr>
<td>BIO SCI 100 Scientific Writing (3)</td>
<td>No course articulated</td>
<td></td>
</tr>
<tr>
<td>CHEM 51A &amp; Organic Chemistry (4)</td>
<td>CHEM 70 &amp; Organic Chemistry (4)</td>
<td></td>
</tr>
<tr>
<td>CHEM 51LB Organic Chemistry Laboratory (2)</td>
<td>CHEM 70A Organic Chemistry Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 51B &amp; Organic Chemistry (4)</td>
<td>CHEM 70 &amp; Organic Chemistry (4)</td>
<td></td>
</tr>
<tr>
<td>CHEM 51C &amp; Organic Chemistry (4)</td>
<td>CHEM 70A &amp; Organic Chemistry (1)</td>
<td></td>
</tr>
<tr>
<td>CHEM 51LC Organic Chemistry Laboratory (2)</td>
<td>CHEM 71 &amp; Organic Chemistry (3)</td>
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<tr>
<td></td>
<td>CHEM 71A Organic Chemistry (2)</td>
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</tbody>
</table>

To complete the Mathematics requirement before enrolling at UCI, students must complete two semesters of Calculus and one additional approved course in
Articulation Agreement by Major
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To: UC Irvine | From: Shasta College

Mathematics.

<table>
<thead>
<tr>
<th>Shasta College Courses</th>
<th>UC Irvine Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A Single-Variable Calculus (4)</td>
<td>MATH 3A Calculus (4)</td>
</tr>
<tr>
<td>MATH 2B Single-Variable Calculus (4)</td>
<td>MATH 3B Calculus (5)</td>
</tr>
<tr>
<td>and one of the following:</td>
<td>and one of the following:</td>
</tr>
<tr>
<td>STATS 7 Basic Statistics (4)</td>
<td>MATH 14 Introduction to Statistics (4)</td>
</tr>
<tr>
<td>STATS 8 Introduction to Biological (4)</td>
<td>MATH 4A Calculus (4)</td>
</tr>
<tr>
<td>MATH 2D Multivariable Calculus (4)</td>
<td>MATH 4B Differential Equations (4)</td>
</tr>
<tr>
<td>MATH 3A Introduction to Linear Algebra (4)</td>
<td>MATH 6 Linear Algebra (3)</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------------</td>
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</tr>
</tbody>
</table>

Physics.

<table>
<thead>
<tr>
<th>Shasta College Courses</th>
<th>UC Irvine Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 3A Basic Physics (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>PHYSICS 3B Basic Physics (4)</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 3LB Basic Physics (1.5)</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 3C Basic Physics (4)</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 3LC Basic Physics (1.5)</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7C Classical Physics (4)</td>
<td>PHYSICS 4A Physics - Mechanics (4)</td>
</tr>
<tr>
<td>PHYSICS 7LC Classical Physics (1)</td>
<td>PHYSICS 4B Physics - Electricity (4) and Magnetism</td>
</tr>
<tr>
<td>PHYSICS 7D Classical Physics (4)</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7LD Classical Physics (1)</td>
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</tr>
<tr>
<td>PHYSICS 7E Classical Physics (4)</td>
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</tr>
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</table>

END OF PHARMACEUTICAL SCIENCES
Articulation Agreement by Major  
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To: UC Irvine | From: Shasta College  
==================================================================================================

====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

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

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

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

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

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

<table>
<thead>
<tr>
<th>One course from:</th>
<th>One course from:</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHILOS 1 Introduction to</td>
<td>PHILOS 6 Introduction to</td>
</tr>
<tr>
<td>Philosophy</td>
<td>Philosophy</td>
</tr>
<tr>
<td>PHILOS 2 Puzzles and Paradoxes</td>
<td>No course articulated</td>
</tr>
<tr>
<td>PHILOS 4 Introduction to Ethics (4)</td>
<td>PHILOS 7 Ethics: Understanding</td>
</tr>
<tr>
<td>PHILOS 5 Contemporary Moral Problems (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>PHILOS 30 Introduction to Symbolic Logic Same as: LPS 30</td>
<td></td>
</tr>
</tbody>
</table>

Two courses from: | Two courses from: |

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| PHILOS 10 | History of Ancient Philosophy (4) |
| PHILOS 11 | History of Medieval Philosophy (4) |
| PHILOS 12 | History of Modern Philosophy (4) |
| PHILOS 13 | History of Contemporary Philosophy (4) |

Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level) |
| FREN 4 Intermediate French (3) |
| OR GERM 4 Intermediate German (3) |
| OR JAPN 4 Japanese 4 (5) |
| OR RUSS 4 Intermediate Russian (5) |
| OR ASL 4 American Sign Language 4 (4) |
| OR SPAN 4 Spanish 4 (4) |

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

| LOWER-DIVISION WRITING |
| ENGL 1A College Composition (4) |
| ENGL 1B Literature and Composition (3) |
| ENGL 1C Critical Reasoning, Reading and Writing (3) |

| ENGLISH LITERATURE |
| ENGL 10A World Literature - to 1650 (3) |
| ENGL 10B World Literature - after 1650 (3) |
| ENGL 11A A Survey of American Literature-Precivilizational to 1860 (3) |
| ENGL 11B Survey/American Literature-1860 to the Present (3) |
| ENGL 13A A Survey of English Literature-Old English Period through Neoclassicism (3) |
| ENGL 13B A Survey of English Literature-from the Romantic Period to the |
Articulation Agreement by Major  
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| Present  
| ENGL 16 Poetry (3) |

| HISTORY  
| HISTORY  
| HIST 1A History of Western Civilization (3)  
| HIST 1B History of Western Civilization (3)  
| HIST 2 World Civilization to 1500 C.E. (3)  
| HIST 3 World Civilization 1500 to Present (3)  
| HIST 17A United States History (3)  
| HIST 17B United States History (3)  
| HIST 36 History of the Far East (3) |

| PHILOSOPHY  
| PHILOSOPHY  
| PHIL 6 Introduction to Philosophy (3)  
| PHIL 7 Ethics: Understanding Right and Wrong (3)  

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) |

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

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

****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:
- 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.

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

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

For information about 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>MATH 2A &amp; MATH 3A</th>
<th>Single-Variable Calculus (4) &amp; Calculus (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2B &amp; MATH 3B</td>
<td>Single-Variable Calculus (4) &amp; Calculus (5)</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.

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

**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

| PHYSICS 52A | Fundamentals of Experimental Physics (2) |
| PHYSICS 4C | Physics (Heat, Waves, Optics, and Modern Physics) (4) |
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
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To: UC Irvine  | From: Shasta College

================================================================================
| Physics

<table>
<thead>
<tr>
<th>PHYSICS 52B Fundamentals of Experimental Physics</th>
<th>(2)</th>
<th>PHYS 4B Physics - Electricity and Magnetism</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 52C Fundamentals of Experimental Physics</td>
<td>(2)</td>
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</tr>
<tr>
<td>PHYSICS 53 Introduction to C and Numerical Analysis</td>
<td>(4)</td>
<td>CIS 61 C++ Language Programming (3)</td>
</tr>
<tr>
<td>OR Computational Methods in Electrical and Computer Engineering</td>
<td>(4)</td>
<td>CIS 61 C++ Language Programming (3)</td>
</tr>
<tr>
<td>OR EECS 10 Introduction to Programming</td>
<td>(4)</td>
<td>CIS 61 C++ Language Programming (3)</td>
</tr>
<tr>
<td>OR ENGRMAE 10 Introduction to Engineering Computations</td>
<td>(4)</td>
<td>CIS 61 C++ Language Programming (3)</td>
</tr>
<tr>
<td>OR I&amp;C SCI 31 Introduction to Programming</td>
<td>(4)</td>
<td>No course articulated</td>
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<tr>
<td>Same as: CSE 41</td>
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</tr>
<tr>
<td>PHYSICS 60 Thermal Physics</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>PHYSICS 61A Modern Physics</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>PHYSICS 61B Modern Physics</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>--------------------------------------------------</td>
<td>---</td>
<td>------------------------</td>
</tr>
<tr>
<td>MATH 2D Multivariable Calculus</td>
<td>(4)</td>
<td>MATH 4A Calculus</td>
</tr>
<tr>
<td>--------------------------------------------------</td>
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<td>------------------------</td>
</tr>
<tr>
<td>MATH 3A Introduction to Linear Algebra</td>
<td>(4)</td>
<td>MATH 6 Linear Algebra</td>
</tr>
<tr>
<td>--------------------------------------------------</td>
<td>---</td>
<td>------------------------</td>
</tr>
<tr>
<td>MATH 3D Elementary Differential Equations</td>
<td>(4)</td>
<td>MATH 4B Differential Equations</td>
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<tr>
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<tr>
<td>PHYSICS 50 Mathematical Methods for Physical Science</td>
<td>(4)</td>
<td>No course articulated</td>
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</table>

END OF PHYSICS
Articulation Agreement by Major
Effective during the 18-19 Academic Year
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To: UC Irvine | From: Shasta College

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

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

For information about 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:

| POL SCI 11A & Introduction to Political Science: Political Analysis | POL SCI 11B & Introduction to Political Science: Macropolitics |
| POL SCI 11C & Introduction to Political Science: Micropolitics |
| POL SCI 21A Introduction to American Government |
| POL SCI 31A Introduction to Political Theory |
| POL SCI 41A Introduction to International Relations |
| Same as: INTL ST 14 |
| POL SCI 51A Introduction to Politics Around the World |
| POL SCI 61A Introduction to Race and Ethnicity in Political Science |
| Same as: CHC/LAT 64 |
| POL SCI 71A Introduction to Law |

One additional course in Political Science not used above: POLS 1 Introduction to Political Science (3)
Articulation Agreement by Major
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To: UC Irvine | From: Shasta College
================================================================================
|           Political Science
|POLS 2     Introduction to American Government (3)
|POLS 20    Politics of Third World Nations (3)
|POLS 25    Global Politics (3)
AND
|One additional course in Political Science or other Social Science discipline:
|One course from:
|ANTH 1     Physical Anthropology (3)
|ANTH 2     Cultural Anthropology (3)
|ANTH 5     Humanity, Culture and Ecology (3)
|ANTH 25    Culture and History of North American Indian Archaeology (3)
|ARCH 3     Principles of Archaeology (3)
|ECON 1A    Principles of Economics (Micro) (3)
|ECON 1B    Principles of Economics (Macro) (3)
|ENGL 25    Linguistics (3)
|GEOG 1A    Physical Geography (3)
|GEOG 1B    Human Geography (3)
|GEOG 7     California Geography (3)
|GEOG 8     World Regional Geography (3)
|POLS 1     Introduction to Political Science (3)
|POLS 2     Introduction to American Government (3)
|POLS 20    Politics of Third World Nations (3)
|POLS 25    Global Politics (3)
|PSYC 1A    General Psychology (3)
|PSYC 14    Psychology of Personal and Social Adjustment (3)
|PSYC 15    Social Psychology (3)
|PSYC 17    Abnormal Psychology (3)
|PSYC 20    Cross-Cultural Psychology (3)
|PSYC 41    Cultural/Social Context of Childhood (3)
|PSYC 46    Human Memory and Learning (3)
|SOC 1      Introduction to Sociology (3)
|SOC 2      Social Problems (3)
|SOC 15     Sociology of Mass Media (3)
|SOC 22     Sociology of Aging (3)
|SOC 25     Sociology of Minorities (3)

SCHOOL OF SOCIAL SCIENCES MATH REQUIREMENT: All students are required to take
Articulation Agreement by Major  
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Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Shasta College

----------------------------------------------------------------------
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.

<table>
<thead>
<tr>
<th>Shasta College Courses</th>
<th>UC Irvine Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A &amp; MATH 2B</td>
<td>MATH 3A &amp; MATH 14</td>
</tr>
<tr>
<td>Single-Variable Calculus &amp; Single-Variable Calculus</td>
<td>Introduction to Statistics</td>
</tr>
<tr>
<td>STATS 7</td>
<td>MATH 14</td>
</tr>
<tr>
<td>Basic Statistics</td>
<td>Introduction to Statistics</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>MGMT 7</td>
<td></td>
</tr>
<tr>
<td>Statistics for Business</td>
<td></td>
</tr>
<tr>
<td>Decision Making</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>SOC SCI 10A &amp; SOC SCI 10B &amp; SOC SCI 10C</td>
<td></td>
</tr>
<tr>
<td>Probability and Statistics in the Social Sciences I &amp; Probability and Statistics in the Social Sciences II &amp; Probability and Statistics in the Social Sciences III</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>SOC SCI 3A</td>
<td></td>
</tr>
<tr>
<td>Computer-Based Research</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>Shasta College Courses</th>
<th>UC Irvine Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>I&amp;C SCI 31</td>
<td></td>
</tr>
<tr>
<td>Introduction to Programming</td>
<td>No course articulated</td>
</tr>
<tr>
<td>Same as: CSE 41</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>SOC SCI 3A</td>
<td></td>
</tr>
<tr>
<td>Computer-Based Research</td>
<td>Course must be completed at UCI</td>
</tr>
</tbody>
</table>

END OF POLITICAL SCIENCE
Articulation Agreement by Major  
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To: UC Irvine  
From: Shasta 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.

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

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

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<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Articulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY BEH 11A</td>
<td>Psychology Fundamentals</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>Same as: PSYCH 9A</td>
<td></td>
<td></td>
<td></td>
</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>
</tr>
<tr>
<td>Same as: PSYCH 9B</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| PSY BEH 11C | Psychology Fundamentals | 4 | PSYC 1A & General Psychology (3)  
PSYC 15 Social Psychology (3)  
OR  
PSYC 17 Abnormal Psychology (3)  
Same as: PSYCH 9C |
| CRM/LAW C7 | Introduction to Criminology, Law and Society | 4 | ADJU 10 Introduction to the Administration of Justice (3)  
OR  
AGNR 60 Environmental Science (3) |
| SOCECOL E8 | Introduction to Environmental Analysis and Design | 4 | OR |
| PPD 4 | Introduction to Urban Studies | 4 | No course articulated |
| SOCECOL 10 | Research Design | 4 | No course articulated |
| SOCECOL 13 | Statistical Analysis in Social Ecology | 4 | MATH 14 Introduction to Statistics (4)  
OR  
AGNR 60 Environmental Science (3) |

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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: Shasta College

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

====Psychology, 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 about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to
http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap

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

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| PSYCH 9A | Psychology Fundamentals | (4) | No course articulated |
| Same as: PSY BEH 11A |

| PSYCH 9B | Psychology Fundamentals | (4) | No course articulated - Course must be taken at UCI |
| Same as: PSY BEH 11B |

| PSYCH 9C | Psychology Fundamentals | (4) | PSYC 1A & General Psychology | (3) |
| Same as: PSY BEH 11C |

| PSYC 15 | Social Psychology | (3) |

OR

| PSYC 17 | Abnormal Psychology | (3) |

One additional lower-division Psychology course: | One additional course from: |
| PSYC 14 | Psychology of Personal and Social Adjustment (3) |
| PSYC 15 | Social Psychology (3) |
| PSYC 17 | Abnormal Psychology (3) |
| PSYC 20 | Cross-Cultural Psychology (3) |
| PSYC 41 | Cultural/Social Context of Childhood (3) |
| PSYC 46 | Human Memory and Learning (3) |

Two courses from: | Two courses from: |
| ANTHRO 2A | Introduction to Sociocultural Anthropology | (4) |
| ANTHRO 2B | Introduction to Biological Anthropology | (4) |
| ANTHRO 2D | Introduction to Language and Culture | (4) |
| Same as: LINGUIS 68 |
| ECON 1 | Introduction to Economics | (4) |
| LINGUIS 3 | Introduction to Linguistics | (4) |
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine
From: Shasta College

<table>
<thead>
<tr>
<th>POL SCI 11C Introduction to Political Science: Micropolitics (4)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC SCI 5A Introduction to Human Geography (4)</td>
<td>GEOG 1B Human Geography (3)</td>
</tr>
<tr>
<td></td>
<td>OR</td>
</tr>
<tr>
<td></td>
<td>GEOG 1A Physical Geography (3)</td>
</tr>
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<td></td>
<td>OR</td>
</tr>
<tr>
<td></td>
<td>GEOG 8 World Regional Geography (3)</td>
</tr>
</tbody>
</table>

| SOCIOLO 1 Introduction to Sociology (4) | SOC 1 Introduction to Sociology (3) |
| SOCIOLO 2 Global and International Sociology (4) | No course articulated |
| SOCIOLO 3 Introduction to Social Problems (4) | SOC 2 Social Problems (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) | MATH 3A Calculus (4) |
| MATH 2B & Single-Variable Calculus (4) | MATH 14 Introduction to Statistics (4) |
| STATS 7 Basic Statistics (4) | Statistics |
| OR | |
| 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) | |

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 |

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

For information about 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:

| ANTHROLOGY |
|---|---|---|
| ANTHRO 2A Introduction to Sociocultural Anthropology (4)| ANTH 2 Cultural Anthropology (3) |
| ANTHRO 2B Introduction to Biological Anthropology (4)| ANTH 1 Physical Anthropology (3) |
| ANTHRO 2C Introduction to Archaeology (4)| ARCH 3 Principles of Archaeology (3) |
| ANTHRO 2D Introduction to Language and Culture (4)| No course articulated |

Same as: LINGUIS 68

| ECONOMICS |
|---|---|

Articulation Agreement by Major
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Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Shasta College

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
<th>Articulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 1</td>
<td>Introduction to Economics</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>ECON 13</td>
<td>Global Economy</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>ECON 20A</td>
<td>Basic Economics I</td>
<td>4</td>
<td>ECON 1A Principles of Economics (3) (Micro)</td>
</tr>
<tr>
<td>ECON 20B</td>
<td>Basic Economics II</td>
<td>4</td>
<td>ECON 1B Principles of Economics (3) (Macro)</td>
</tr>
</tbody>
</table>

**SOCIAL ECOLOGY**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
<th>Articulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCECOL E8</td>
<td>Introduction to Environmental Analysis and Design</td>
<td>4</td>
<td>AGNR 60 Environmental Science (3)</td>
</tr>
</tbody>
</table>

**POLITICAL SCIENCE**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
<th>Articulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL SCI 11C</td>
<td>Introduction to Political Science: Micropolitics</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>POL SCI 31A</td>
<td>Introduction to Political Theory</td>
<td>4</td>
<td>POLS 1 Introduction to Political Science</td>
</tr>
<tr>
<td>POL SCI 51A</td>
<td>Introduction to Politics Around the World</td>
<td>4</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

**PSYCHOLOGY**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
<th>Articulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY BEH 9</td>
<td>Introduction to Psychology</td>
<td>4</td>
<td>PSYC 1A General Psychology (3)</td>
</tr>
<tr>
<td>Same as:</td>
<td>PSYCH 7A</td>
<td></td>
<td></td>
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</tbody>
</table>

**SOCIOLOGY**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
<th>Articulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCIOl 1</td>
<td>Introduction to Sociology</td>
<td>4</td>
<td>SOC 1 Introduction to Sociology (3)</td>
</tr>
<tr>
<td>SOCIOl 2</td>
<td>Global and International Sociology</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>SOCIOl 3</td>
<td>Introduction to Social Problems</td>
<td>4</td>
<td>SOC 2 Social Problems (3)</td>
</tr>
</tbody>
</table>

**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</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>
</tr>
<tr>
<td>PUBHLTH 2</td>
<td>Case Studies in Public Health Practice</td>
<td>4</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

Three courses from Biological Sciences: | Two semesters from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
<th>Articulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 9A</td>
<td>Nutrition Science</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 9D</td>
<td>Diseases of the</td>
<td>4</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>
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| Twenty-First Century  |  |
|-----------------------|  |
| BIO SCI 9G  | Way Your Body Works  | (4)  | No course articulated  |
| BIO SCI 9J  | Biology of Oriental Medicine  | (4)  | No course articulated  |
| BIO SCI 9N  | Introduction to Complementary and Alternative Medicine  | (4)  | No course articulated  |
| BIO SCI 10  | The Biology of Human Diseases  | (4)  | No course articulated  |
| BIO SCI 12B  | Disease and Civilization  | (4)  | No course articulated  |
| BIO SCI 12D  | Molecular Basis of Human Disease  | (4)  | No course articulated  |
| BIO SCI 25  | Biology of Cancer  | (4)  | No course articulated  |
| BIO SCI 30  | Biomedical Ethics  | (4)  | No course articulated  |
| BIO SCI 35  | The Brain and Behavior  | (4)  | No course articulated  |
| BIO SCI 36  | Drugs and the Brain  | (4)  | No course articulated  |
| BIO SCI 37  | Brain Dysfunction and Repair  | (4)  | No course articulated  |
| BIO SCI 45  | AIDS Fundamentals  | (4)  | No course articulated  |
| Same as: ENVIRO E45U, PSY BEH P45  |  |
| BIO SCI 93  | From DNA to Organisms  | (4)  | BIOL 1  Principles of Biology  | (4)  |

Students must complete one semester of calculus and one semester of statistics to complete the mathematics requirement.

| MATH 2A  | Single-Variable Calculus  | (4)  | MATH 3A  | Calculus  | (4)  |
| MATH 2B  | Single-Variable Calculus  | (4)  | MATH 3B  | Calculus  | (5)  |
| OR       |  |
| MATH 2A  | Single-Variable Calculus  | (4)  | MATH 3A  | Calculus  | (4)  |
| MATH 2B  | Single-Variable Calculus  | (4)  | MATH 3B  | Calculus  | (5)  |
| AND      |  |
| STATS 7  | Basic Statistics  | (4)  | MATH 14  | Introduction to Statistics  | (4)  |
| OR       |  |
| STATS 8  | Introduction to Biological Statistics  | (4)  |  |  |

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

For information about 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.

<table>
<thead>
<tr>
<th>Shasta College</th>
<th>UCI</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1A &amp;</td>
<td>CHEM 1A &amp; CHEM 1B</td>
</tr>
<tr>
<td>6 General Chemistry</td>
<td>(4) General Chemistry</td>
</tr>
<tr>
<td>CHEM 1B &amp;</td>
<td>CHEM 1B &amp; CHEM 1C</td>
</tr>
<tr>
<td>6 General Chemistry</td>
<td>(4) General Chemistry</td>
</tr>
<tr>
<td>CHEM 1C &amp;</td>
<td>CHEM 1C &amp; CHEM 1LD</td>
</tr>
<tr>
<td>6 General Chemistry</td>
<td>(4) General Chemistry</td>
</tr>
<tr>
<td>CHEM 1LD</td>
<td>CHEM 1LD &amp; CHEM 1LC</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>(2) General Chemistry</td>
</tr>
<tr>
<td>BIO SCI 93</td>
<td>BIO SCI 93 &amp; BIOL 1</td>
</tr>
<tr>
<td>From DNA to Organisms</td>
<td>(4) Principles of Biology</td>
</tr>
<tr>
<td>BIO SCI 94</td>
<td>BIO SCI 94 &amp; BOT 1</td>
</tr>
<tr>
<td>From Organisms to Ecosystems</td>
<td>(4) General Botany</td>
</tr>
<tr>
<td>OR</td>
<td>ZOOL 1</td>
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<td></td>
<td>General Zoology</td>
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</table>

**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

<table>
<thead>
<tr>
<th>Shasta College</th>
<th>UCI</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUBHLTH 1</td>
<td>PUBHLTH 1 &amp; PUBHLTH 1</td>
</tr>
<tr>
<td>Principles of Public Health</td>
<td>(4)</td>
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</table>
Articulation Agreement by Major  
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<table>
<thead>
<tr>
<th>PUBHLTH 2</th>
<th>Case Studies in Public Health Practice</th>
<th>(4) No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 97</td>
<td>Genetics</td>
<td>(4) No course articulated</td>
</tr>
<tr>
<td>BIO SCI 98</td>
<td>Biochemistry</td>
<td>(4) No course articulated</td>
</tr>
<tr>
<td>BIO SCI 99</td>
<td>Molecular Biology</td>
<td>(4) No course articulated</td>
</tr>
<tr>
<td>CHEM 51A &amp; Organic Chemistry (4)</td>
<td>CHEM 70 &amp; Organic Chemistry (4)</td>
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</tr>
<tr>
<td>CHEM 51LB Organic Chemistry Laboratory</td>
<td>CHEM 70A Organic Chemistry Laboratory</td>
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</tr>
<tr>
<td>CHEM 51B &amp; Organic Chemistry (4)</td>
<td>CHEM 70 &amp; Organic Chemistry (4)</td>
<td></td>
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<tr>
<td>CHEM 51C &amp; Organic Chemistry (4)</td>
<td>CHEM 70A &amp; Organic Chemistry (1)</td>
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<tr>
<td>CHEM 51LC Organic Chemistry Laboratory</td>
<td>CHEM 71 &amp; Organic Chemistry (3)</td>
<td></td>
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<tr>
<td></td>
<td>CHEM 71A Organic Chemistry (2)</td>
<td></td>
</tr>
</tbody>
</table>

Students must complete one semester of calculus and one semester of statistics to complete the mathematics requirement.

| MATH 2A Single-Variable Calculus (4)    | MATH 3A Calculus (4)  | OR |
| MATH 2B Single-Variable Calculus (4)    | MATH 3B Calculus (5)  | OR |
| MATH 2A & Single-Variable Calculus (4)  | MATH 3A & Calculus (4) |
| MATH 2B & Single-Variable Calculus (4)  | MATH 3B & Calculus (5) |
| STATS 7 Basic Statistics (4)            | MATH 14 Introduction to Statistics (4) |
| STATS 8 Introduction to Biological      | |
| Statistics                              |

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) | ANTH 2 Cultural Anthropology (3) |
| ANTHRO 2B Introduction to Biological Anthropology (4) | ANTH 1 Physical Anthropology (3) |
| ANTHRO 2C Introduction to Archaeology and Culture (4) | ARCH 3 Principles of Archaeology (3) |
| ANTHRO 2D Introduction to Language (4) No course articulated | |

Same as: LINGUIS 68
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To: UC Irvine  |  From: Shasta College

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

**ECONOMICS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Articulation</th>
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<tbody>
<tr>
<td>ECON 1</td>
<td>Introduction to Economics</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>ECON 13</td>
<td>Global Economy</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td></td>
<td>Same as: INTL ST 13</td>
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</tr>
<tr>
<td>ECON 20A</td>
<td>Basic Economics I</td>
<td>4</td>
<td>ECON 1A Principles of Economics (3) (Micro)</td>
</tr>
<tr>
<td>ECON 20B</td>
<td>Basic Economics II</td>
<td>4</td>
<td>ECON 1B Principles of Economics (3) (Macro)</td>
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**SOCIAL ECOLOGY**

<table>
<thead>
<tr>
<th>Course</th>
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<th>Articulation</th>
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<tbody>
<tr>
<td>SOCECOL E8</td>
<td>Introduction to Environmental Analysis and Design</td>
<td>4</td>
<td>AGNR 60 Environmental Science (3)</td>
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**POLITICAL SCIENCE**

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<tbody>
<tr>
<td>POL SCI 11C</td>
<td>Introduction to Political Science: Micropolitics</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>POL SCI 31A</td>
<td>Introduction to Political Theory</td>
<td>4</td>
<td>POLS 1 Introduction to Political Science (3)</td>
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<tr>
<td>POL SCI 51A</td>
<td>Introduction to Politics Around the World</td>
<td>4</td>
<td>No course articulated</td>
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**PSYCHOLOGY**

<table>
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<tr>
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<tbody>
<tr>
<td>PSY BEH 9</td>
<td>Introduction to Psychology</td>
<td>4</td>
<td>PSYC 1A General Psychology (3)</td>
</tr>
<tr>
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**SOCIOLOGY**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Articulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCIOLOGY 1</td>
<td>Introduction to Sociology</td>
<td>4</td>
<td>SOC 1 Introduction to Sociology (3)</td>
</tr>
<tr>
<td>SOCIOLOGY 2</td>
<td>Global and International Sociology</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>SOCIOLOGY 3</td>
<td>Introduction to Social Problems</td>
<td>4</td>
<td>SOC 2 Social Problems (3)</td>
</tr>
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</table>

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END OF PUBLIC HEALTH SCIENCES
Articulation Agreement by Major  
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To: UC Irvine | From: Shasta 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 about 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)

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

<table>
<thead>
<tr>
<th>MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER</th>
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<tbody>
<tr>
<td>ECON 20A Basic Economics I (4)</td>
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<tr>
<td>ECON 20B Basic Economics II (4)</td>
</tr>
<tr>
<td>MATH 2A &amp; Single-Variable Calculus (4)</td>
</tr>
<tr>
<td>MATH 2B Single-Variable Calculus (4)</td>
</tr>
<tr>
<td>MATH 3A Introduction to Linear Algebra (4)</td>
</tr>
<tr>
<td>MATH 3G Linear Algebra (4)</td>
</tr>
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<table>
<thead>
<tr>
<th>ADDITIONAL APPROVED COURSES FOR THE MAJOR</th>
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</thead>
<tbody>
<tr>
<td>MATH 4 Mathematics for Economists (4)</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

Two introductory Social Science courses in disciplines other than Economics:
- ANTH 1 Physical Anthropology (3)
- ANTH 2 Cultural Anthropology (3)
- ARCH 3 Principles of Archaeology (3)
- ENGL 25 Linguistics (3)
- GEOG 1A Physical Geography (3)
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<table>
<thead>
<tr>
<th>GEOG 1B</th>
<th>Human Geography</th>
<th>(3)</th>
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<tbody>
<tr>
<td>GEOG 8</td>
<td>World Regional</td>
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<td>Geography</td>
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<tr>
<td>POLS 1</td>
<td>Introduction to</td>
<td>(3)</td>
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<tr>
<td></td>
<td>Political Science</td>
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<tr>
<td>PSYC 1A</td>
<td>General Psychology</td>
<td>(3)</td>
</tr>
<tr>
<td>SOC 1</td>
<td>Introduction to</td>
<td>(3)</td>
</tr>
<tr>
<td></td>
<td>Sociology</td>
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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.

<table>
<thead>
<tr>
<th>I&amp;C SCI 31</th>
<th>Introduction to Programming</th>
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<tbody>
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<td>OR</td>
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<tr>
<td>SOC SCI 3A</td>
<td>Computer-Based Research</td>
<td>(4)</td>
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END OF QUANTITATIVE ECONOMICS
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================================================================================

====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

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NOTE: Religious Studies courses not articulated below may be applied toward the major upon petition.

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Religious Studies majors must choose an emphasis in one of the following:
- Judaism/Christianity/Islam
- World Religious Traditions

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

For information about 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>REL STD 5A</th>
<th>World Religions I</th>
<th>(4)</th>
<th>HIST 38</th>
<th>History of World</th>
<th>(3)</th>
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<tbody>
<tr>
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<table>
<thead>
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<th>REL STD 5B</th>
<th>World Religions II</th>
<th>(4)</th>
<th>HIST 38</th>
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<td>Religions</td>
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<table>
<thead>
<tr>
<th>REL STD 5C</th>
<th>Inter-Religious Dialogue</th>
<th>(4)</th>
<th>No course articulated-Course must be taken at UCI</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Same as: HISTORY 16C</td>
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</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) | FREN 4 Intermediate French (3) |
| OR | GERM 4 Intermediate German (3) |
| OR | JAPN 4 Japanese 4 (5) |
| OR | RUSS 4 Intermediate Russian (5) |
| OR | ASL 4 American Sign Language 4 (4) |
| OR | SPAN 4 Spanish 4 (4) |

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**

| ENGL 1A College Composition (4) |
| ENGL 1B Literature and Composition (3) |
| ENGL 1C Critical Reasoning, Reading and Writing (3) |

**ENGLISH LITERATURE**

| ENGL 10A World Literature - to 1650 (3) |
| ENGL 10B World Literature - after 1650 (3) |
| ENGL 11A A Survey of American Literature-Precritical to 1860 (3) |
| ENGL 11B Survey/American Literature-1860 to the Present (3) |
| ENGL 13A A Survey of English Literature-Old English Period through Neoclassicism (3) |
| ENGL 13B A Survey of English Literature-from the Romantic Period to the Present (3) |
| ENGL 16 Poetry (3) |

**HISTORY**

| HIST 1A History of Western Civilization (3) |
| HIST 1B History of Western Civilization (3) |
| HIST 2 World Civilization to (3) |
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<p>| |</p>
<table>
<thead>
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<tbody>
<tr>
<td>1500 C.E.</td>
</tr>
<tr>
<td>HIST 3 World Civilization (3)</td>
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<tr>
<td>1500 to Present</td>
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<tr>
<td>HIST 17A United States History (3)</td>
</tr>
<tr>
<td>HIST 17B United States History (3)</td>
</tr>
<tr>
<td>HIST 36 History of the Far East (3)</td>
</tr>
</tbody>
</table>

PHILOSOPHY

| PHIL 6 Introduction to Philosophy (3)                                               |
| PHIL 7 Ethics: Understanding Right and Wrong (3)                                    |

OR

| HUMAN 1A Humanities Core Lecture (4)       | No course articulated            |
| 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)     |                                  |

--------------------------------------------------------------------------------------
END OF RELIGIOUS STUDIES

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Articulation Agreement by Major
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================================================================================

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

For information about 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>CRM/LAW C7</th>
<th>Introduction to Criminology, Law and Society</th>
<th>(4)</th>
<th>ADJU 10</th>
<th>Introduction to the Administration of Justice</th>
<th>(3)</th>
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<table>
<thead>
<tr>
<th>SOCECOL E8</th>
<th>Introduction to Environmental Analysis and Design</th>
<th>(4)</th>
<th>AGNR 60</th>
<th>Environmental Science</th>
<th>(3)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>OR</td>
<td></td>
<td></td>
<td>OR</td>
<td></td>
</tr>
</tbody>
</table>

| PPD 4 | Introduction to Urban Studies | (4) | No course articulated | |

<table>
<thead>
<tr>
<th>PSY BEH 9</th>
<th>Introduction to Psychology</th>
<th>(4)</th>
<th>PSYC 1A</th>
<th>General Psychology</th>
<th>(3)</th>
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<td>OR</td>
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<table>
<thead>
<tr>
<th>PSY BEH 11B</th>
<th>Psychology Fundamentals</th>
<th>(4)</th>
<th>No course articulated-Course must be taken at UCI</th>
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<tr>
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<td>OR</td>
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<table>
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<th>PSY BEH 11C</th>
<th>Psychology Fundamentals</th>
<th>(4)</th>
<th>PSYC 15</th>
<th>Social Psychology</th>
<th>(3)</th>
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<tbody>
<tr>
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<td>OR</td>
<td>PSYC 17</td>
<td>Abnormal Psychology</td>
<td>(3)</td>
</tr>
</tbody>
</table>

| SOCECOL 10 | Research Design | (4) | No course articulated | |

| SOCECOL 13 | Statistical Analysis in Social Ecology | (4) | MATH 14 | Introduction to Statistics | (4) |

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END OF SOCIAL ECOLOGY

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

For information about 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 25 Sociology of Minorities (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) | MATH 3A & Calculus (4)
MATH 2B & Single-Variable Calculus (4) | MATH 14 Introduction to Statistics (4)
STATS 7 Basic Statistics (4) |
OR
MGMT 7 Statistics for Business Decision Making (4) |
OR
SOC SCI 10A & Probability and Statistics in the Social Sciences I (4) |
SOC SCI 10B & Probability and (4) |
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| Statistics in the Social Sciences II |
| Probability and Statistics in the Social Sciences III |

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 in the Social Sciences (4) | No course articulated-Course must be completed at UCI |

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: Shasta College
==============================================================================

====Sociology, 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 about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap.

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**SOCIOL 1**  Introduction to Sociology (4)  |  **SOC 1**  Introduction to Sociology (3)

**SOCIOL 2**  Global and International Sociology (4)  |  No course articulated

**SOCIOL 3**  Introduction to Social Problems (4)  |  **SOC 2**  Social Problems (3)

One additional introductory course from another Social Science discipline:  |  One course from:

| **ANTH 1**  Physical Anthropology (3)  
| **ANTH 2**  Cultural Anthropology (3)  
| **ARCH 3**  Principles of Archaeology (3)  
| **ECON 1A**  Principles of Economics (3)  
| **ECON 1B**  Principles of Economics (3)  
| **ENGL 25**  Linguistics (3)  
| **GEOG 1A**  Physical Geography (3)  
| **GEOG 1B**  Human Geography (3)  
| **GEOG 8**  World Regional Geography (3)  
| **POLS 1**  Introduction to Political Science (3)  
| **PSYC 1A**  General Psychology (3)  

One additional Social Science course:  |  One course from:

| **ANTH 5**  Humanity, Culture and Ecology (3)  
| **ANTH 25**  Culture and History of North American Indian (3)  
| **GEOG 7**  California Geography (3)  
| **POLS 2**  Introduction to American Government (3)  
| **POLS 20**  Politics of Third World (3)  

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Articulation Agreement by Major
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<table>
<thead>
<tr>
<th>Nations</th>
</tr>
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<tbody>
<tr>
<td>POLS 25 Global Politics (3)</td>
</tr>
<tr>
<td>PSYC 14 Psychology of Personal and Social Adjustment (3)</td>
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<tr>
<td>PSYC 15 Social Psychology (3)</td>
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<tr>
<td>PSYC 17 Abnormal Psychology (3)</td>
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<tr>
<td>PSYC 20 Cross-Cultural Psychology (3)</td>
</tr>
<tr>
<td>PSYC 41 Cultural/Social Context of Childhood (3)</td>
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<td>PSYC 46 Human Memory and Learning (3)</td>
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<tr>
<td>SOC 2 Social Problems (3)</td>
</tr>
<tr>
<td>SOC 15 Sociology of Mass Media (3)</td>
</tr>
<tr>
<td>SOC 22 Sociology of Aging (3)</td>
</tr>
<tr>
<td>SOC 25 Sociology of Minorities (3)</td>
</tr>
</tbody>
</table>

Two courses from: |

| SOCIOL 31 Introduction to Social Psychology (4) |
| PSYC 15 Social Psychology (3) |
| Same as: PSYCH 78A |
| SOCIOL 41 Small Group Behavior (4) |
| No course articulated |
| SOCIOL 43 Urban Sociology (4) |
| No course articulated |
| SOCIOL 44 Population (4) |
| No course articulated |
| SOCIOL 56 Religion and Society (4) |
| No course articulated |
| SOCIOL 62 Marriage and Families (4) |
| No course articulated |
| SOCIOL 63 Race and Ethnicity (4) |
| SOC 25 Sociology of Minorities (3) |
| SOCIOL 68A Ethnic & Immigrant America (4) |
| No course articulated |
| 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 Single-Variable Calculus (4) |
| MATH 2B Single-Variable Calculus (4) |
| STATS 7 Basic Statistics (4) |
| MGMT 7 Statistics for Business Decision Making (4) |
| 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) |
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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.

<table>
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<th>Course</th>
<th>Requirement</th>
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<td>Introduction to Programming</td>
<td>(4)</td>
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<tr>
<td>SOC SCI 3A</td>
<td>Computer-Based Research</td>
<td>(4)</td>
</tr>
<tr>
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<td>in the Social Sciences</td>
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</table>

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

For information about Transfer Admission Guarantee for this major, go to [http://www.admissions.uci.edu/apply/transfer/guarantee.php](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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--------------------------------------------------------------------------------
MATH 2A & Single-Variable Calculus (4) | MATH 3A & Calculus (4)
MATH 2B & Single-Variable Calculus (4) | MATH 3B & Calculus (5)
--------------------------------------------------------------------------------
I&C SCI 31 & Introduction to Programming (4)
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)
Same as: CSE 45C
--------------------------------------------------------------------------------
I&C SCI 45J & Programming in Java as a Second Language (4)
--------------------------------------------------------------------------------
I&C SCI 46 & Data Structure Implementation and Analysis (4)
Same as: CSE 46
--------------------------------------------------------------------------------
IN4MATX 43 & Introduction to Software Engineering (4)
--------------------------------------------------------------------------------
I&C SCI 51 & Introductory Computer Organization (6)
--------------------------------------------------------------------------------
I&C SCI 6B & Boolean Algebra and Logic (4)
--------------------------------------------------------------------------------
I&C SCI 6D & Discrete Mathematics for Computer Science (4)
--------------------------------------------------------------------------------
I&C SCI 6N & Computational Linear Algebra (4)
OR
MATH 3A & Introduction to Linear Algebra (4) | MATH 6 & Linear Algebra (3)
OR
--------------------------------------------------------------------------------
STATS 67 & Introduction to Probability and Statistics for Computer Science (4)

END OF SOFTWARE ENGINEERING
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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

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

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

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SPANISH 1A & Spanish 1 (5)
SPANISH 1B & Spanish 2 (5)
SPANISH 1C & Spanish 1 (5)

SPANISH 2A & Spanish 3 (4)
SPANISH 2B & Spanish 4 (4)
SPANISH 2C & Spanish 3 (4)

SPANISH 3A & No course articulated
SPANISH 3B & Composition and Grammar (4)

EMPHASIS IN CINEMA: SPAIN, LATIN AMERICA, AND U.S. LATINO ADD:
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--------------------------------------------------------------------------------
FLM&MDA 85A Introduction to Film (4) No course articulated-Course to be completed at UCI
and Visual Analysis

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
| WRITING
| ENGL 1A College Composition (4)
| ENGL 1B Literature and Composition (3)
| ENGL 1C Critical Reasoning, Reading and Writing (3)

ENGLISH LITERATURE
| LITERATURE
| ENGL 10A World Literature - to 1650 (3)
| ENGL 10B World Literature - after 1650 (3)
| ENGL 11A A Survey of American Literature-Precolonial to 1860 (3)
| ENGL 11B Survey/American Literature-1860 to the Present (3)
| ENGL 13A A Survey of English Literature-Old English Period through Neoclassicism (3)
| ENGL 13B A Survey of English Literature-from the Romantic Period to the Present (3)
| ENGL 16 Poetry (3)

HISTORY
| HISTORY
| HIST 1A History of Western Civilization (3)
| HIST 1B History of Western Civilization (3)
| HIST 2 World Civilization to 1500 C.E. (3)
| HIST 3 World Civilization 1500 to Present (3)
| HIST 17A United States History (3)
| HIST 17B United States History (3)
| HIST 36 History of the Far East (3)

PHILOSOPHY
| PHILOSOPHY
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| PHIL 6  | Introduction to Philosophy (3) |
| PHIL 7  | Ethics: Understanding Right and Wrong (3) |

OR

| HUMAN 1A & | Humanities Core Lecture (4) | No course articulated |
| 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) |

END OF SPANISH
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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 about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to [http://catalogue.ucl.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.ucl.edu/informationforprospectivestudents/undergraduateadmissions/#ap)

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

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<th>Degree Requirement</th>
<th>UCI Equivalent</th>
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<td>CRM/LAW C7</td>
<td>Introduction to Criminology, Law and Society</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADJU 10</td>
<td>Introduction to the Administration of Justice</td>
<td>3</td>
<td></td>
<td></td>
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<td>SOCECOL E8</td>
<td>Introduction to Environmental Analysis and Design</td>
<td>4</td>
<td></td>
<td></td>
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<tr>
<td>AGNR 60</td>
<td>Environmental Science</td>
<td>3</td>
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<td>PSY BEH 9</td>
<td>Introduction to Psychology</td>
<td>4</td>
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<td>PSYC 1A</td>
<td>General Psychology</td>
<td>3</td>
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<td>PSY BEH 11B</td>
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<td>Course must be taken at UCI</td>
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<td>Psychology Fundamentals</td>
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<td></td>
<td>OR</td>
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<td>OR</td>
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<tr>
<td>SOCECOL 10</td>
<td>Research Design</td>
<td>4</td>
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<td>Statistical Analysis in Social Ecology</td>
<td>4</td>
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<td>Introduction to Statistics</td>
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<td>ECON 20A</td>
<td>Basic Economics I</td>
<td>4</td>
<td></td>
<td>Principles of Economics (3)</td>
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<tr>
<td>POL SCI 21A</td>
<td>Introduction to American Government</td>
<td>4</td>
<td></td>
<td>Introduction to American (3)</td>
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<table>
<thead>
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<th>POL SCI 51A</th>
<th>Introduction to Politics Around the World</th>
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END OF URBAN STUDIES