Articulation Agreement by Major
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To: UC Irvine | From: Cuyamaca College
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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.

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

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 Basic Economics I (4)</th>
<th>ECON 121 Principles of Microeconomics (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A Single-Variable Calculus (4)</td>
<td>MATH 180 Analytic Geometry and Calculus I (5)</td>
</tr>
<tr>
<td>MGMT 30A Principles of Accounting I (4)</td>
<td>BUS 120 Financial Accounting (4)</td>
</tr>
<tr>
<td>MGMT 30B Principles of Accounting II (4)</td>
<td>BUS 121 Managerial Accounting (4)</td>
</tr>
</tbody>
</table>

END OF ACCOUNTING (Minor in)
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==Aerospace Engineering, B.S.==

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

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

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

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

The following courses are not required for transfer consideration, however the degree cannot be completed in two years without them:
- Statics (C-ID ENGR 130)
- Circuit Analysis (C-ID ENGR 260) + Circuit Analysis Lab (C-ID ENGR 260L)
- Materials Science and Engineering (C-ID ENGR 140)
  or Materials Science and Engineering (C-ID ENGR 140B)

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

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

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

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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) &amp; MATH 180 &amp; Analytic Geometry and Calculus I (5)</td>
</tr>
<tr>
<td>MATH 2B Single-Variable Calculus (4)</td>
</tr>
</tbody>
</table>
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### MATH 2D
- Multivariable Calculus  
  - (4) | MATH 281 Multivariable Calculus (4)

### MATH 2E
- Multivariable Calculus  
  - (4) | MATH 281 Multivariable Calculus (4)

### MATH 3A
- Introduction to Linear Algebra  
  - (4) | MATH 284 Linear Algebra (3)

### MATH 3D
- Elementary Differential Equations  
  - (4) | MATH 285 Differential Equations (3)

### PHYSICS 7C
- Classical Physics  
  - (4) | PHYC 190 Mechanics and Heat (5)

### PHYSICS 7LC
- Classical Physics Laboratory  
  - (1) | PHYC 200 Electricity and Magnetism

### PHYSICS 7D
- Classical Physics  
  - (4) | PHYC 210 Wave Motion and Modern Physics

### PHYSICS 7LD
- Classical Physics Laboratory  
  - (1) |

### ENGR 1A
- General Chemistry for Engineers  
  - (4) | CHEM 141 General Chemistry I (5)

### CHEM 1LE
- Accelerated General Chemistry Laboratory  
  - (3) |

### CHEM 1A
- General Chemistry  
  - (4) |

### CHEM 1LE
- Accelerated General Chemistry Laboratory  
  - (3) |

### ENGRMAE 10
- Introduction to Engineering Computations  
  - (4) | CS 181 Introduction to C++ (4)

---

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

### ENGR 54
- Principles of Materials Science and Engineering  
  - (4) | ENGR 260 Engineering Materials (3)

### ENGRMAE 60
- Electric Circuits  
  - (4) | No course articulated

### OR
- Network Analysis I  
  - (4) | ENGR 210 Electric Circuits (4)

---

### ADDITIONAL MAJOR REQUIREMENTS

### PHYSICS 52A
- Fundamentals of Experimental Physics  
  - (2) | PHYC 210 Wave Motion and Modern Physics

### ECON 20A
- Basic Economics I  
  - (4) | ECON 121 Principles of Microeconomics

### OR
- Basic Economics for Engineers  
  - (4) | No course articulated

### ECON 23
- Basic Economics for Engineers  
  - (4) | No course articulated

### ENGRMAE 30
- Statics  
  - (4) | ENGR 200 Engineering Mechanics (3)
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| Same as: ENGR 30, ENGRCEE 30 | - Statics  

| ENGRMAE 80 | Dynamics | (4) | ENGR 220 | Engineering Mechanics | (3)  
| Same as: ENGR 80, ENGRCEE 80 | - Dynamics  

| ENGRMAE 91 | Introduction to | Thermodynamics | (4) | No course articulated |  

ADDITIONAL MAJOR ELECTIVES  

One additional approved science course | One course (or lecture/lab combination) from the following:  
| ANTH 130 | Introduction to Physical Anthropology | (3)  
| ASTR 110 | Descriptive Astronomy | (3)  
| ASTR 112 | General Astronomy | (1) | Laboratory  
| BIO 112 | Contemporary Issues in Environmental Resources | (3)  
| BIO 122 | The Secret Life of Plants | (4)  
| BIO 124 | Human Genetics in Modern Society | (4)  
| BIO 130 | General Biology I | (3)  
| BIO 131 | General Biology I | (1) | Laboratory  
| BIO 140 | Human Anatomy | (5)  
| BIO 141 | Human Physiology | (3)  
| BIO 141L | Laboratory in Human Physiology | (1)  
| BIO 230 | Principles of Cellular, Molecular and Evolutionary Biology | (4)  
| BIO 240 | Principles of Ecology, Evolution and Organismal Biology | (5)  
| CHEM 102 | Introduction to General, Organic and Biological Chemistry | (5)  
| CHEM 113 | Forensic Chemistry | (4)  
| CHEM 115 | Fundamentals of Chemistry | (4)  
| CHEM 116 | Introductory Organic and Biochemistry | (4)  
| CHEM 120 | Preparation for General Chemistry | (4)  
| CHEM 141 | General Chemistry I | (5)  
| CHEM 142 | General Chemistry II | (5)  
| CHEM 231 | Organic Chemistry I | (5)  
| GEOG 120 | Physical Geography | (3)  


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| Earth Systems |
| GEOG 121 Physical Geography: (1) |
| Earth Systems |
| Laboratory |
| GEOL 104 Earth Science (3) |
| GEOL 110 & Planet Earth (3) |
| GEOL 111 Planet Earth (1) |
| Laboratory |
| OCEA 112 & Introduction to Oceanography (3) |
| OCEA 113 Oceanography (1) |
| Laboratory |
| PHYC 110 Introductory Physics (4) |
| PHYC 120 General Physics (4) |
| PHYC 121 General Physics (4) |
| PHYC 130 Fundamentals of Physics (4) |
| PHYC 131 Fundamentals of Physics (4) |
| PHYC 190 Mechanics and Heat (5) |
| PHYC 200 Electricity and Magnetism (5) |
| PHYC 210 Wave Motion and Modern Physics (5) |
| PSC 110 & Introduction to the Physical Sciences (3) |
| PSC 111 Introduction to Physical Sciences (1) |
| Laboratory |

| 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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To: UC Irvine  |  From: Cuyamaca College

=============================================  
==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)

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 Work</th>
<th>Equivalent</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFAM 40A</td>
<td>African American Studies</td>
<td>(4)</td>
</tr>
<tr>
<td>AFAM 40B</td>
<td>African American Studies</td>
<td>(4)</td>
</tr>
<tr>
<td>AFAM 40C</td>
<td>African American Studies</td>
<td>(4)</td>
</tr>
<tr>
<td>ARBC 221</td>
<td>Arabic IV</td>
<td>(5)</td>
</tr>
<tr>
<td>ASL 221</td>
<td>American Sign Language (4) IV</td>
<td></td>
</tr>
<tr>
<td>FREN 221</td>
<td>French IV</td>
<td>(5)</td>
</tr>
<tr>
<td>SPAN 221</td>
<td>Spanish IV</td>
<td>(5)</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>Writing, Literature, History, and Philosophy for a total of four semester courses:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LOWER-DIVISION WRITING</strong></td>
</tr>
<tr>
<td><strong>ENGLISH LITERATURE</strong></td>
</tr>
<tr>
<td><strong>HISTORY</strong></td>
</tr>
<tr>
<td><strong>PHILOSOPHY</strong></td>
</tr>
<tr>
<td><strong>OR</strong></td>
</tr>
<tr>
<td><strong>HUMAN</strong></td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>LOWER-DIVISION WRITING</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WRITING</strong></td>
</tr>
<tr>
<td>ENGL 120 College Composition (3) and Reading</td>
</tr>
<tr>
<td>ENGL 124 Advanced Composition: Critical Reasoning and Writing</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ENGLISH LITERATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 122 Introduction to Literature (3)</td>
</tr>
<tr>
<td>ENGL 214 Masterpieces of Drama (3)</td>
</tr>
<tr>
<td>ENGL 221 British Literature I (3)</td>
</tr>
<tr>
<td>ENGL 222 British Literature II (3)</td>
</tr>
<tr>
<td>ENGL 231 American Literature I (3)</td>
</tr>
<tr>
<td>ENGL 232 American Literature II (3)</td>
</tr>
<tr>
<td>ENGL 270 World Literature I (3)</td>
</tr>
<tr>
<td>ENGL 271 World Literature II (3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HISTORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 100 Early World History (3)</td>
</tr>
<tr>
<td>HIST 101 Modern World History (3)</td>
</tr>
<tr>
<td>HIST 105 Early Western Civilization (3)</td>
</tr>
<tr>
<td>HIST 106 Modern Western Civilization (3)</td>
</tr>
<tr>
<td>HIST 108 Early American History (3)</td>
</tr>
<tr>
<td>HIST 109 Modern American History (3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PHILOSOPHY</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 110 A General Introduction to Philosophy (3)</td>
</tr>
<tr>
<td>PHIL 115 History of Philosophy I: Ancient (3)</td>
</tr>
<tr>
<td>PHIL 117 History of Philosophy II: Modern and Contemporary (3)</td>
</tr>
<tr>
<td>PHIL 140 Problems In Ethics (3)</td>
</tr>
<tr>
<td>PHIL 170 Philosophy of Religion: A Cross-Cultural Introduction (3)</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>OR</th>
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</thead>
<tbody>
<tr>
<td><strong>HUMAN</strong></td>
</tr>
<tr>
<td>HUMAN 1A Humanities Core Lecture (4)</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>
</tbody>
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================================================================================
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.

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>ANTHRO 2A</th>
<th>Introduction to Sociocultural Anthropology (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 120</td>
<td>Cultural Anthropology (3)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTHRO 2B</td>
<td>Introduction to Biological Anthropology (4)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>ANTHRO 2C</td>
<td>Introduction to Archaeology (4)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>ANTHRO 2D</td>
<td>Introduction to Language and Culture (4)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>Same as:</td>
<td>LINGUIS 68</td>
</tr>
</tbody>
</table>

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

Three additional courses in Anthropology or other Social Science discipline.

Three additional courses in Economic Issues and Policies (3)
| ECON 110 | Economic Issues and Policies (3) |
| ECON 120 | Principles of Macroeconomics (3) |
| ECON 121 | Principles of Microeconomics (3) |
| GEOG 106 | World Regional Geography (3)    |
| GEOG 120 | Physical Geography: (3)        |
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<table>
<thead>
<tr>
<th>Earth Systems</th>
</tr>
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<tbody>
<tr>
<td>GEOG 130 Human Geography: The Cultural Landscape (3)</td>
</tr>
<tr>
<td>BIO 134 Ethnobotany (3)</td>
</tr>
<tr>
<td>POSC 120 Introduction to Politics and Political Analysis (3)</td>
</tr>
<tr>
<td>POSC 121 Introduction to U.S. Government and Politics (3)</td>
</tr>
<tr>
<td>POSC 124 Introduction to Comparative Government and Politics (3)</td>
</tr>
<tr>
<td>POSC 130 Introduction to International Relations (3)</td>
</tr>
<tr>
<td>PSY 120 Introductory Psychology (3)</td>
</tr>
<tr>
<td>PSY 125 Cross-Cultural Psychology (3)</td>
</tr>
<tr>
<td>PSY 134 Human Sexuality (3)</td>
</tr>
<tr>
<td>PSY 138 Social Psychology (3)</td>
</tr>
<tr>
<td>PSY 140 Physiological Psychology (3)</td>
</tr>
<tr>
<td>PSY 150 Developmental Psychology (3)</td>
</tr>
<tr>
<td>PSY 170 Abnormal Psychology (3)</td>
</tr>
<tr>
<td>PSY 220 Learning (3)</td>
</tr>
<tr>
<td>SOC 120 Introductory Sociology (3)</td>
</tr>
<tr>
<td>SOC 125 Marriage, Family and Alternative Life Styles (3)</td>
</tr>
<tr>
<td>SOC 130 Contemporary Social Problems (3)</td>
</tr>
</tbody>
</table>

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

| MATH 2A & Single-Variable Calculus (4) | MATH 180 & Analytic Geometry and Calculus I (5) |
| MATH 2B & Single-Variable Calculus (4) | MATH 160 & Elementary Statistics (4) |
| STATS 7 Basic Statistics (4) | OR |
| MGMT 7 Statistics for Business Decision Making (4) | BIO 215 Statistics for Life Sciences (3) |
| OR |
| OR |
| BIO 215 Statistics for the Behavioral Sciences (4) |
| OR |
| PSY 215 Statistics for the Behavioral Sciences (4) |
| OR |
| SOC SCI 10A & Probability and Statistics in the Social Sciences I (4) | No course articulated |
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<table>
<thead>
<tr>
<th>SOC SCI 10B</th>
<th>Probability and Statistics in the Social Sciences II</th>
<th>(4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC SCI 10C</td>
<td>Probability and Statistics in the Social Sciences III</td>
<td>(4)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>I&amp;C SCI 31</th>
<th>Introduction to Programming</th>
<th>(4)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>OR</td>
<td>Same as: CSE 41</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td>SOC SCI 3A</td>
<td>Computer-Based Research</td>
<td>(4)</td>
</tr>
</tbody>
</table>

| 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

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MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER
--------------------------------------------------------------------------------

| MATH 2A & | Single-Variable Calculus | (4) | MATH 180 & | Analytic Geometry and Calculus I | (5) |
| MATH 2B | Single-Variable Calculus | (4) | MATH 280 | Analytic Geometry and Calculus II | (4) |
--------------------------------------------------------------------------------

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

| PHYSICS 7C & | Classical Physics | (4) | PHYC 190 & | Mechanics and Heat | (5) |
| PHYSICS 7LC & | Classical Physics | (1) | PHYC 200 & | Electricity and Magnetism | (5) |
| PHYSICS 7D & | Classical Physics | (4) | PHYC 210 | Wave Motion and Modern Physics | (5) |
| PHYSICS 7LD & | Classical Physics | (1) | | |
| PHYSICS 7E | Classical Physics | (4) | |
--------------------------------------------------------------------------------

| PHYSICS 3A & | Basic Physics | (4) | PHYC 130 & | Fundamentals of Physics | (4) |
| PHYSICS 3B & | Basic Physics | (4) | | |
| PHYSICS 3LB & | Basic Physics | (1.5) | PHYC 131 | Fundamentals of Physics | (4) |
| PHYSICS 3C & | Basic Physics | (4) | |
--------------------------------------------------------------------------------
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Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine
From: Cuyamaca College

<table>
<thead>
<tr>
<th>Subject</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 3LC</td>
<td>Basic Physics Laboratory</td>
<td>1.5</td>
</tr>
<tr>
<td></td>
<td>(= PHYSICS 3A &amp; 3B ONLY)</td>
<td></td>
</tr>
</tbody>
</table>

**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

<table>
<thead>
<tr>
<th>Subject</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></td>
<td>MATH 281</td>
<td>Multivariable Calculus</td>
</tr>
<tr>
<td>MATH 2E</td>
<td>Multivariable Calculus</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>MATH 281</td>
<td>Multivariable Calculus</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>Introduction to Linear Algebra</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>MATH 284</td>
<td>Linear Algebra</td>
</tr>
<tr>
<td>MATH 3D</td>
<td>Elementary Differential Equations</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>MATH 285</td>
<td>Differential Equations</td>
</tr>
<tr>
<td>PHYSICS 50</td>
<td>Mathematical Methods for Physical Science</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>No course articulated</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 61A</td>
<td>Modern Physics</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 51A</td>
<td>Modern Physics</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td></td>
</tr>
</tbody>
</table>

Complete one of the following:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 53</td>
<td>Introduction to C and Numerical Analysis</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>CS 181</td>
<td>Introduction to C++ Programming</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></td>
<td>Same as: CSE 45C</td>
<td></td>
</tr>
<tr>
<td>MATH 9</td>
<td>Introduction to Programming for Numerical Analysis</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>CS 181</td>
<td>Introduction to C++ Programming</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CS 182</td>
<td>Introduction to JAVA Programming</td>
</tr>
<tr>
<td>EECS 10</td>
<td>Computational Methods in Electrical and Computer Engineering</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>CS 181</td>
<td>Introduction to C++ Programming</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>EECS 12</td>
<td>Introduction to Programming</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>CS 181 &amp; CS 182</td>
<td>Introduction to C++ Programming</td>
</tr>
</tbody>
</table>

Complete one of the following:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 60</td>
<td>Thermal Physics</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>CHEM 1C &amp;</td>
<td>General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td>CHEM 142</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>
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</tr>
</thead>
</table>

CHEM 1LC  General Chemistry (2) OR
Laboratory |

CHEM 1LE  Accelerated General (3) OR
Chemistry Laboratory |

OR

ENGRMAE 91  Introduction to (4) OR
Thermodynamics |

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

PHYSICS 52A  Fundamentals of (2) OR
Experimental Physics |
PHYC 210  Wave Motion and Modern (5)
Physics |

PHYSICS 52B  Fundamentals of (2) OR
Experimental Physics |
PHYC 200  Electricity and (5)
Magnetism |

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

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

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

To: UC Irvine | From: Cuyamaca 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 140  History of Western Art (3) I: Prehistoric to 1250 A.D.
ART HIS 40B  Arts of Europe: Medieval and Renaissance | ART 141  History of Western Art (3) II: Circa 1250 A.D. to Present Time
ART HIS 40C  Early Modern and Modern Art in Europe and America | ART HIS 42A  History of Asian Art: (4) Arts of India
ART HIS 42B  History of Asian Art: (4) Arts of China | ART HIS 42C  History of Asian Art: (4) Arts of Japan
ART HIS 42D  History of Asian Art: (4) |
Articulation Agreement by Major
Effective during the 18-19 Academic Year
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<table>
<thead>
<tr>
<th>Arts of Islam</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>ARBC 221 Arabic IV</th>
<th>OR</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASL 221 American Sign Language IV</td>
<td>OR</td>
</tr>
<tr>
<td>FREN 221 French IV</td>
<td>OR</td>
</tr>
<tr>
<td>SPAN 221 Spanish IV</td>
<td></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>LOWER-DIVISION WRITING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 120 College Composition and Reading</td>
</tr>
<tr>
<td>ENGL 124 Advanced Composition: Critical Reasoning and Writing</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ENGLISH LITERATURE</th>
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</thead>
<tbody>
<tr>
<td>ENGL 122 Introduction to Literature</td>
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<tr>
<td>ENGL 214 Masterpieces of Drama</td>
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<tr>
<td>ENGL 221 British Literature I</td>
</tr>
<tr>
<td>ENGL 222 British Literature II</td>
</tr>
<tr>
<td>ENGL 231 American Literature I</td>
</tr>
<tr>
<td>ENGL 232 American Literature II</td>
</tr>
<tr>
<td>ENGL 270 World Literature I</td>
</tr>
<tr>
<td>ENGL 271 World Literature II</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HISTORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 100 Early World History</td>
</tr>
<tr>
<td>HIST 101 Modern World History</td>
</tr>
<tr>
<td>HIST 105 Early Western Civilization</td>
</tr>
<tr>
<td>HIST 106 Modern Western Civilization</td>
</tr>
<tr>
<td>HIST 108 Early American History</td>
</tr>
<tr>
<td>HIST 109 Modern American History</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PHILOSOPHY</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 110 A General Introduction to Philosophy</td>
</tr>
<tr>
<td>PHIL 115 History of Philosophy I: Ancient</td>
</tr>
<tr>
<td>PHIL 117 History of Philosophy</td>
</tr>
</tbody>
</table>
### Articulation Agreement by Major

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

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

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<table>
<thead>
<tr>
<th>II: Modern and Contemporary</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 140</td>
</tr>
<tr>
<td>PHIL 170</td>
</tr>
<tr>
<td>HUMAN 1A &amp; Humanities Core Lecture</td>
</tr>
<tr>
<td>HUMAN 1B &amp; Humanities Core Lecture</td>
</tr>
<tr>
<td>HUMAN 1C &amp; Humanities Core Lecture</td>
</tr>
<tr>
<td>HUMAN 1AS &amp; Humanities Core Writing</td>
</tr>
<tr>
<td>HUMAN 1BS &amp; Humanities Core Writing</td>
</tr>
<tr>
<td>HUMAN 1CS &amp; Humanities Core Writing</td>
</tr>
</tbody>
</table>

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**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: Cuyamaca 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 | ART 140 History of Western Art (3) I: Prehistoric to 1250 A.D.  
ART HIS 40B Arts of Europe: Medieval and Renaissance | ART 141 History of Western Art (3) II: Circa 1250 A.D. to Present Time  
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: Arts of Islam |  

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: Cuyamaca College  

<table>
<thead>
<tr>
<th>DRAWING</th>
<th>DRAWING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 20A  Basic Drawing I  (4)</td>
<td>ART 124  Drawing I  (3)</td>
</tr>
<tr>
<td></td>
<td>ART 125  Drawing II  (3)</td>
</tr>
<tr>
<td>ART 20B  Basic Drawing II  (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>PAINTING</td>
<td>PAINTING</td>
</tr>
<tr>
<td>ART 30A  Basic Painting I  (4)</td>
<td>ART 121  Painting I  (3)</td>
</tr>
<tr>
<td></td>
<td>ART 220  Painting II  (3)</td>
</tr>
<tr>
<td>ART 30B  Basic Painting II  (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>BASIC SCULPTURE</td>
<td>BASIC SCULPTURE</td>
</tr>
<tr>
<td>ART 40   Basic Sculpture  (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>CERAMIC SCULPTURE</td>
<td>CERAMIC SCULPTURE</td>
</tr>
<tr>
<td>ART 51   Basic Ceramic Sculpture  (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>DIGITAL IMAGING</td>
<td>DIGITAL IMAGING</td>
</tr>
<tr>
<td>ART 65A  Foundations in Media Design  (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>ART 65B  Foundations in Internet Design</td>
<td>No course articulated</td>
</tr>
<tr>
<td>PHOTOGRAPHY</td>
<td>PHOTOGRAPHY</td>
</tr>
<tr>
<td>ART 71A  Introduction to Photography I   (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>ART 71B  Introduction to Photography II  (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>VIDEO</td>
<td>VIDEO</td>
</tr>
<tr>
<td>ART 81A  Video Production  (4)</td>
<td>All video classes must be petitioned</td>
</tr>
<tr>
<td>ART 81B  Video Stage Production  (4)</td>
<td>for subject credit upon matriculating</td>
</tr>
<tr>
<td></td>
<td>into UCI's Art program.</td>
</tr>
<tr>
<td>ART 91   Basic Performance Art  (4)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

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

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

| ASIANAM 50 | Asian American Histories | 4 | No course articulated |
| ASIANAM 51 | The U.S. and Asia | 4 | No course articulated |
| ASIANAM 52 | Asian American Communities | 4 | No course articulated |
| ASIANAM 53 | Asian Americans and Comparative Race Relations | 4 | No course articulated |
| ASIANAM 54 | Asian American Stories | 4 | No course articulated |
Articulation Agreement by Major
Effective during the 18-19 Academic Year
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To: UC Irvine          |  From: Cuyamaca 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) | ARBC 221 Arabic IV (5)
| OR
| ASL 221 American Sign Language (4)
| OR
| FREN 221 French IV (5)
| OR
| SPAN 221 Spanish IV (5)
---------------------------------------------------------------------------------
At least one course from each area for a total of four semester or six quarter courses:
| (Writing, Literature, History, and Philosophy) for a total of four semester courses:
---------------------------------------------------------------------------------
LOWER-DIVISION WRITING
| WRITING
| ENGL 120 College Composition and Reading (3)
| ENGL 124 Advanced Composition: Critical Reasoning and Writing (3)
---------------------------------------------------------------------------------
ENGLISH LITERATURE
| LITERATURE
| ENGL 122 Introduction to Literature (3)
| ENGL 214 Masterpieces of Drama (3)
| ENGL 221 British Literature I (3)
| ENGL 222 British Literature II (3)
| ENGL 231 American Literature I (3)
| ENGL 232 American Literature II (3)
| ENGL 270 World Literature I (3)
| ENGL 271 World Literature II (3)
---------------------------------------------------------------------------------
HISTORY
| HISTORY
| HIST 100 Early World History (3)
| HIST 101 Modern World History (3)
| HIST 105 Early Western Civilization (3)
| HIST 106 Modern Western Civilization (3)
| HIST 108 Early American History (3)
| HIST 109 Modern American History (3)
---------------------------------------------------------------------------------
PHILOSOPHY
| PHILOSOPHY
| PHIL 110 A General Introduction (3)
<table>
<thead>
<tr>
<th>Articulation Agreement by Major</th>
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</thead>
<tbody>
<tr>
<td>Effective during the 18-19 Academic Year</td>
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<tr>
<td>Applies to Fall 2019 and Fall 2020 Admissions</td>
</tr>
</tbody>
</table>

To: UC Irvine | From: Cuyamaca College

| PHIL 115    | History of Philosophy (3) |
| PHIL 117    | History of Philosophy (3) |
| PHIL 140    | Problems in Ethics (3) |
| PHIL 170    | Philosophy of (3) |
| HUMAN 1A &  | Humanities Core Lecture (4) |
| HUMAN 1B &  | Humanities Core Lecture (4) |
| HUMAN 1C &  | Humanities Core Lecture (4) |
| HUMAN 1AS & | Humanities Core Writing (4) |
| HUMAN 1BS & | Humanities Core Writing (4) |

<table>
<thead>
<tr>
<th>OR</th>
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<tr>
<th>OR</th>
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</table>

END OF ASIAN AMERICAN STUDIES
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====Biochemistry and Molecular Biology, B.S====

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

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

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

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

IMPORTANT: Articulation of general chemistry is based on the completion of the entire year. Students wishing information on course-to-course equivalencies

**MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</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 230</td>
<td>Principles of Cellular, Molecular and Evolutionary Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIO SCI 94</td>
<td>From Organisms to Ecosystems</td>
<td>4</td>
</tr>
<tr>
<td>BIO 240</td>
<td>Principles of Ecology, Evolution and Organismal Biology</td>
<td>5</td>
</tr>
</tbody>
</table>

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

(semester to quarter) should contact the Physical Sciences Student Affairs Office at: pssazot@uci.edu.

<table>
<thead>
<tr>
<th>Cuyamaca College Courses</th>
<th>UC Irvine Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1A &amp; General Chemistry (4)</td>
<td>CHEM 141 &amp; General Chemistry I (5)</td>
</tr>
<tr>
<td>CHEM 1B &amp; General Chemistry (4)</td>
<td>CHEM 142 &amp; General Chemistry II (5)</td>
</tr>
<tr>
<td>CHEM 1C &amp; General Chemistry (4)</td>
<td>CHEM 143 &amp; General Chemistry III (4)</td>
</tr>
<tr>
<td>CHEM 1LC &amp; General Chemistry (2)</td>
<td>CHEM 144 &amp; General Chemistry IV (2)</td>
</tr>
<tr>
<td>CHEM 1LD &amp; General Chemistry Laboratory (2)</td>
<td></td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Cuyamaca College Courses</th>
<th>UC Irvine Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 51A &amp; Organic Chemistry (4)</td>
<td>CHEM 231 &amp; Organic Chemistry I (5)</td>
</tr>
<tr>
<td>CHEM 51LB &amp; Organic Chemistry Laboratory (2)</td>
<td></td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Cuyamaca College Courses</th>
<th>UC Irvine Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 51B &amp; Organic Chemistry (4)</td>
<td>CHEM 231 &amp; Organic Chemistry I (5)</td>
</tr>
<tr>
<td>CHEM 51C &amp; Organic Chemistry (4)</td>
<td>CHEM 232 &amp; Organic Chemistry II (5)</td>
</tr>
<tr>
<td>CHEM 51LC &amp; Organic Chemistry Laboratory (2)</td>
<td></td>
</tr>
</tbody>
</table>

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ADDITIONAL APPROVED COURSES FOR THE MAJOR

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<thead>
<tr>
<th>Cuyamaca College Courses</th>
<th>UC Irvine Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 97 Genetics (4)</td>
<td>BIO 124 Human Genetics in Modern Society (4)</td>
</tr>
<tr>
<td>BIO SCI 98 Biochemistry (4)</td>
<td></td>
</tr>
<tr>
<td>BIO SCI 99 Molecular Biology (4)</td>
<td></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.

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<tr>
<th>Cuyamaca College Courses</th>
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</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A &amp; Single-Variable Calculus (4)</td>
<td>MATH 180 Analytic Geometry and Calculus I (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 160 Elementary Statistics (4)</td>
</tr>
<tr>
<td>STATS 8 Introduction to Biological Statistics (4)</td>
<td>BIO 215 Statistics for Life Sciences (3)</td>
</tr>
<tr>
<td>MATH 2D Multivariable Calculus (4)</td>
<td>PSY 215 Statistics for the Behavioral Sciences (4)</td>
</tr>
<tr>
<td>MATH 3A Introduction to Linear Algebra (4)</td>
<td>MATH 281 Multivariable Calculus (4)</td>
</tr>
<tr>
<td>MATH 3B &amp; Single-Variable Calculus (4)</td>
<td>MATH 284 Linear Algebra (3)</td>
</tr>
</tbody>
</table>

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<tr>
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<th>UC Irvine Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 3A &amp; Basic Physics (4)</td>
<td>PHYC 130 &amp; Fundamentals of Physics (4)</td>
</tr>
<tr>
<td>PHYSICS 3B &amp; Basic Physics (4)</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 3LB &amp; Basic Physics &amp; Basic Physics (1.5)</td>
<td>PHYC 131 Fundamentals of Physics (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: Cuyamaca College

<table>
<thead>
<tr>
<th>Laboratory</th>
<th>Physics</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 3C &amp;</td>
<td>Basic Physics</td>
</tr>
<tr>
<td>PHYSICS 3LC</td>
<td>Basic Physics</td>
</tr>
<tr>
<td>OR</td>
<td>OR</td>
</tr>
<tr>
<td>PHYSICS 7C &amp;</td>
<td>Classical Physics</td>
</tr>
<tr>
<td>PHYSICS 7LC &amp;</td>
<td>Classical Physics</td>
</tr>
<tr>
<td>PHYSICS 7D &amp;</td>
<td>Classical Physics</td>
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<tr>
<td>PHYSICS 7LD &amp;</td>
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<td>Classical Physics</td>
</tr>
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</table>

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

To: UC Irvine | From: Cuyamaca 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
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--------------------------------------------------------------------------------

**MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER**

<table>
<thead>
<tr>
<th>BIO SCI 93</th>
<th>From DNA to Organisms (4)</th>
<th>BIO 230</th>
<th>Principles of Cellular, (4) Molecular and Evolutionary Biology</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 94</td>
<td>From Organisms to Ecosystems</td>
<td>BIO 240</td>
<td>Principles of Ecology, (5) Evolution and Organismal Biology</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 141 & General Chemistry I (5)
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  

To: UC Irvine  
From: Cuyamaca College  

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>UCI Credits</th>
<th>Cuyama College Credits</th>
<th>Course Title</th>
<th>UCI Credits</th>
<th>Cuyama College Credits</th>
</tr>
</thead>
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<tr>
<td>CHEM 1B</td>
<td>General Chemistry</td>
<td>4</td>
<td>4</td>
<td>CHEM 142</td>
<td>General Chemistry II</td>
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</tr>
<tr>
<td>CHEM 51A</td>
<td>Organic Chemistry</td>
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<td>CHEM 231</td>
<td>Organic Chemistry I</td>
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<td>CHEM 51LB</td>
<td>Organic Chemistry</td>
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<td>CHEM 51B</td>
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<td>4</td>
<td>CHEM 231</td>
<td>Organic Chemistry I</td>
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<td>CHEM 232</td>
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**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

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<tr>
<td>BIO SCI 98</td>
<td>Biochemistry</td>
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<td>No course articulated</td>
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<td>BIO SCI 99</td>
<td>Molecular Biology</td>
<td>4</td>
<td>4</td>
<td></td>
<td>No course articulated</td>
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</tr>
</tbody>
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Students have two options for completing the Mathematics requirement before enrolling at UCI:

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2. One semester of Calculus and one semester of Statistics

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

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<th>Course Title</th>
<th>UCI Credits</th>
<th>Cuyama College Credits</th>
<th>Course Title</th>
<th>UCI Credits</th>
<th>Cuyama College Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A</td>
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<td>4</td>
<td>MATH 180</td>
<td>Analytic Geometry and Calculus I</td>
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</tr>
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<td>Single-Variable Calculus</td>
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</table>

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<th>Course Title</th>
<th>UCI Credits</th>
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<th>Course Title</th>
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<tr>
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<td>MATH 160</td>
<td>Elementary Statistics</td>
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<tr>
<td>STATS 8</td>
<td>Introduction to Biological Statistics</td>
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<td>4</td>
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<td>MATH 3A</td>
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<td>4</td>
<td>MATH 281</td>
<td>Multivariable Calculus</td>
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<td>MATH 284</td>
<td>Linear Algebra</td>
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<td>PHYSICS 3A</td>
<td>Basic Physics</td>
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<td>4</td>
<td>PHYC 130</td>
<td>Fundamentals of Physics</td>
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<tr>
<td>PHYSICS 3B</td>
<td>Basic Physics</td>
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<td>PHYSICS 3LB</td>
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<td>1.5</td>
<td>PHYC 131</td>
<td>Fundamentals of Physics</td>
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<td>PHYSICS 3C</td>
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<tr>
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<td>Mechanics and Heat</td>
</tr>
<tr>
<td>(4)</td>
<td>(5)</td>
</tr>
<tr>
<td>PHYSICS 7LC</td>
<td>PHYSICS 200</td>
</tr>
<tr>
<td>Classical Physics</td>
<td>Electricity and Magnetism</td>
</tr>
<tr>
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<tr>
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<tr>
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<tr>
<td>PHYSICS 7E</td>
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END OF BIOLOGICAL SCIENCES
Articulation Agreement by Major
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To: UC Irvine | From: Cuyamaca 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
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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.

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<tr>
<td>CHEM 1LC</td>
<td>General Chemistry</td>
<td>(2)</td>
</tr>
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<tr>
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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: Cuyamaca College

================================================================================
CHEM 51A & Organic Chemistry (4) | CHEM 231 Organic Chemistry I (5)
CHEM 51LB Organic Chemistry (2) |
CHEM 51B & Organic Chemistry (4) | CHEM 231 Organic Chemistry I (5)
CHEM 51C & Organic Chemistry (4) | CHEM 232 Organic Chemistry II (5)
CHEM 51LC Organic Chemistry (2) |

BIO SCI 93 From DNA to Organisms (4) | BIO 230 Principles of Cellular, (4) Molecular and Evolutionary Biology
BIO SCI 94 From Organisms to Ecosystems (4) | BIO 240 Principles of Ecology, (5) Evolution and Organismal Biology

ADDITIONAL APPROVED COURSES FOR THE MAJOR

BIO SCI 14 California Teach 1: Introduction to Science (3) | No course articulated
| and Mathematics |
| Teaching |
| Same as: PHY SCI 5 |

LPS 60 The Making of Modern Science (4) | No course articulated
| Same as: HISTORY 60 |

EDUC 55 Knowing and Learning in Mathematics and Science (5) | No course articulated |

BIO SCI 97 Genetics (4) | BIO 124 Human Genetics in Modern Society |

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

MATH 2A & Single-Variable Calculus (4) | MATH 180 Analytic Geometry and Calculus I (5)
MATH 2B Single-Variable Calculus (4) |

and one of the following: | and one of the following:
STATS 7 Basic Statistics (4) | MATH 160 Elementary Statistics (4)
STATS 8 Introduction to Biological (4) | BIO 215 Statistics for Life (3)
Articulation Agreement by Major  
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<table>
<thead>
<tr>
<th>Statistics</th>
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<tbody>
<tr>
<td>MATH 2D</td>
<td>PSY 215</td>
</tr>
<tr>
<td>Multivariable Calculus (4)</td>
<td>Statistics for the Behavioral Sciences</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>MATH 281</td>
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<td>MATH 284</td>
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<td></td>
<td>Linear Algebra (3)</td>
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<tr>
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<td>&amp; Classical Physics (1)</td>
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<td>PHYC 200</td>
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<td>&amp; Classical Physics (4)</td>
<td>Electricity and Magnetism</td>
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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: Cuyamaca 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.  
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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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</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 2E Multivariable Calculus (4)</td>
</tr>
<tr>
<td>MATH 3A Introduction to Linear Algebra (4)</td>
</tr>
<tr>
<td>-------------------------------------------------</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  

To: UC Irvine  |  From: Cuyamaca College  

<table>
<thead>
<tr>
<th><strong>MATH 3D</strong> Elementary Differential Equations (4)</th>
<th><strong>MATH 285</strong> Differential Equations (3)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>CHEM 1A</strong> &amp; General Chemistry (4)</th>
<th><strong>CHEM 141</strong> &amp; General Chemistry I (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CHEM 1B</strong> &amp; General Chemistry (4)</td>
<td><strong>CHEM 142</strong> General Chemistry II (5)</td>
</tr>
<tr>
<td><strong>CHEM 1C</strong> &amp; General Chemistry (4)</td>
<td></td>
</tr>
<tr>
<td><strong>CHEM 1LC</strong> &amp; General Chemistry (2)</td>
<td></td>
</tr>
<tr>
<td><strong>CHEM 1LD</strong> General Chemistry (2)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>PHYSICS 7C</strong> Classical Physics (4)</th>
<th><strong>PHYC 190</strong> Mechanics and Heat (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PHYSICS 7LC</strong> Classical Physics (1)</td>
<td><strong>PHYC 200</strong> Electricity and Magnetism</td>
</tr>
<tr>
<td><strong>PHYSICS 7D</strong> Classical Physics (4)</td>
<td><strong>PHYC 210</strong> Wave Motion and Modern Physics</td>
</tr>
<tr>
<td><strong>PHYSICS 7LD</strong> Classical Physics (1)</td>
<td></td>
</tr>
<tr>
<td><strong>PHYSICS 7E</strong> Classical Physics (4)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>BME 60B</strong> Engineering (4)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analysis/Design: Data</td>
<td></td>
</tr>
<tr>
<td>Analysis</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th><strong>BME 60C</strong> Engineering (4)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analysis/Design:</td>
<td></td>
</tr>
<tr>
<td>Computer-Aided Design</td>
<td></td>
</tr>
</tbody>
</table>

**ADDITIONAL MAJOR REQUIREMENTS**

<table>
<thead>
<tr>
<th><strong>STATS 8</strong> Introduction to Biological Statistics (4)</th>
<th><strong>MATH 160</strong> Elementary Statistics (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OR</td>
<td>OR</td>
</tr>
<tr>
<td><strong>BIO 215</strong> Statistics for Life Sciences (3)</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td><strong>PSY 215</strong> Statistics for the Behavioral Sciences (4)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>BME 1</strong> Introduction to Biomedical Engineering (3)</th>
<th>No course articulated</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th><strong>BME 60A</strong> Engineering Analysis/Design: Data Acquisition (4)</th>
<th>No course articulated</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: Cuyamaca College

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: Cuyamaca 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)
  + Ordinary Differential Equations (C-ID MATH 240)
  or Differential Equations and Linear Algebra (C-ID MATH 910S)
- All 3 Calculus-Based Physics for Scientists and Engineers: A (C-ID PHYS 205)
  + Calculus-Based Physics for Scientists and Engineers: B (C-ID PHYS 210)
  + Calculus-Based Physics for Scientists and Engineers: C (C-ID PHYS 215)
  or Calculus-Based Physics for Scientists and Engineers: ABC (C-ID PHYS 200S)
- General Chemistry for Science Majors Sequence A (C-ID CHEM 120S)
- Organic Chemistry for Science Majors Sequence A (C-ID CHEM 160S)
- Programming and Problem Solving in MATLAB (C-ID ENGR 220)

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

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

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

For information 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 &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>
Articulation Agreement by Major  
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|================================================================================|
| Algebra                       |                                |
|--------------------------------------------------------------------------------|
| MATH 3D  Elementary Differential Equations (4) | MATH 285  Differential Equations (3) |
|--------------------------------------------------------------------------------|
| CHEM 1A & General Chemistry (4) | CHEM 141 & General Chemistry I (5) |
| CHEM 1B & General Chemistry (4) | CHEM 142 General Chemistry II (5) |
| CHEM 1C & General Chemistry (4) |                                |
| CHEM 1LC & General Chemistry (2) | Laboratory |
| CHEM 1LD General Chemistry (2) | Laboratory |
|--------------------------------------------------------------------------------|
| CHEM 51A & Organic Chemistry (4) | CHEM 231 Organic Chemistry I (5) |
| CHEM 51LB Organic Chemistry (2) | Laboratory |
|--------------------------------------------------------------------------------|
| CHEM 51B & Organic Chemistry (4) | CHEM 231 Organic Chemistry I (5) |
| CHEM 51C & Organic Chemistry (4) | CHEM 232 Organic Chemistry II (5) |
| CHEM 51LC Organic Chemistry (2) | Laboratory |
|--------------------------------------------------------------------------------|
| PHYSICS 7C & Classical Physics (4) | PHYC 190 Mechanics and Heat (5) |
| PHYSICS 7LC & Classical Physics (1) | PHYC 200 Electricity and Magnetism |
| Laboratory |  |
| PHYSICS 7D & Classical Physics (4) | PHYC 210 Wave Motion and Modern Physics (5) |
| PHYSICS 7LD & Classical Physics (1) |  |
| Laboratory |  |
| PHYSICS 7E Classical Physics (4) |  |
|--------------------------------------------------------------------------------|
| BME 60B Engineering Analysis/Design: Data Analysis (4) | No course articulated |
|--------------------------------------------------------------------------------|

MAJOR PREPARATION COURSES NECESSARY TO GRADUATE IN 2 YEARS

|================================================================================|
| Biology 97 Genetics (4) | BIO 124 Human Genetics in Modern Society (4) |
| Biology 98 Biochemistry (4) | No course articulated |
| Biology 99 Molecular Biology (4) | No course articulated |
| Biology 100 Scientific Writing (3) | No course articulated |
| BME 1 Introduction to Biomedical (3) | No course articulated |
Articulation Agreement by Major  
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To: UC Irvine  |  From: Cuyamaca College

| Engineering |
|-----------------|-----------------|
| BME 60A Engineering | (4) | No course articulated |
| Analysis/Design: Data |    |                     |
| Acquisition |    |                     |

END OF BIOMEDICAL ENGINEERING: PREMEDICAL
Articulation Agreement by Major  
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To: UC Irvine  |  From: Cuyamaca 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

| MATH 2A &    MATH 180 &    Analytic Geometry and Calculus | MATH 2B &    MATH 280 &    Analytic Geometry and Calculus |
| ECON 20A &    ECON 121 &    Principles of Microeconomics | ECON 20B &    | |
| Basic Economics I (4) | Basic Economics II (4) | |
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
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To: UC Irvine  |  From: Cuyamaca College

<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 120  Principles of Macroeconomics (3)</td>
</tr>
<tr>
<td>---------------------------------------------------------------</td>
</tr>
<tr>
<td>MGMT 7  Statistics for Business Decision Making (4)</td>
</tr>
<tr>
<td>---------------------------------------------------------------</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>---------------------------------------------------------------</td>
</tr>
<tr>
<td>MGMT 30A  Principles of Accounting I (4)</td>
</tr>
<tr>
<td>---------------------------------------------------------------</td>
</tr>
<tr>
<td>MGMT 30B  Principles of Accounting II (4)</td>
</tr>
<tr>
<td>---------------------------------------------------------------</td>
</tr>
<tr>
<td>ADDITIONAL APPROVED COURSES FOR THE MAJOR</td>
</tr>
<tr>
<td>---------------------------------------------------------------</td>
</tr>
<tr>
<td>MGMT 1  Introduction to Business and Management (4)</td>
</tr>
</tbody>
</table>

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: Cuyamaca 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 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 121</th>
<th>Principles of Microeconomics</th>
<th>(3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 20B</td>
<td>Basic Economics II</td>
<td>(4)</td>
<td>ECON 120</td>
<td>Principles of Macroeconomics</td>
<td>(3)</td>
</tr>
<tr>
<td>MATH 2A</td>
<td>Single-Variable Calculus</td>
<td>(4)</td>
<td>MATH 180</td>
<td>Analytic Geometry and Calculus I</td>
<td>(5)</td>
</tr>
<tr>
<td>MATH 2B</td>
<td>Single-Variable Calculus</td>
<td>(4)</td>
<td>MATH 280</td>
<td>Analytic Geometry and Calculus II</td>
<td>(4)</td>
</tr>
</tbody>
</table>

ADDITIONAL APPROVED COURSES FOR THE MAJOR

<table>
<thead>
<tr>
<th>ECON 15A</th>
<th>Probability and Statistics in Economics I</th>
<th>(4)</th>
<th>No course articulated-Courses to be completed at UCI</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 15B</td>
<td>Probability and Statistics in Economics II</td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>ECON 25</td>
<td>The Economics of Accounting Decisions</td>
<td>(4)</td>
<td>BUS 120 Financial Accounting</td>
</tr>
<tr>
<td>OR</td>
<td>MGMT 30A Principles of Accounting I</td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>(Acceptable substitute, ECON 25)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Articulation Agreement by Major
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<table>
<thead>
<tr>
<th>preferred)</th>
<th></th>
</tr>
</thead>
</table>

### MATH 4  Mathematics for Economists (4)
- MATH 281  Multivariable Calculus (4)
- MATH 284  Linear Algebra (3)

<table>
<thead>
<tr>
<th>Two introductory Social Science courses in disciplines other than Economics:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 120  Cultural Anthropology (3)</td>
</tr>
<tr>
<td>ANTH 130  Introduction to Physical Anthropology (3)</td>
</tr>
<tr>
<td>GEOG 106  World Regional Geography (3)</td>
</tr>
<tr>
<td>GEOG 120  Physical Geography: Earth Systems (3)</td>
</tr>
<tr>
<td>GEOG 130  Human Geography: The Cultural Landscape (3)</td>
</tr>
<tr>
<td>POSC 120  Introduction to Politics and Political Analysis (3)</td>
</tr>
<tr>
<td>PSY 120  Introductory Psychology (3)</td>
</tr>
<tr>
<td>SOC 120  Introductory Sociology (3)</td>
</tr>
</tbody>
</table>

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

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

**OR**

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

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

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

====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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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</th>
<th>Single-Variable Calculus</th>
<th>4</th>
<th>MATH 180</th>
<th>Analytic Geometry and Calculus I</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2B</td>
<td>Single-Variable Calculus</td>
<td>4</td>
<td>MATH 280</td>
<td>Analytic Geometry and Calculus II</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I&amp;C SCI 31</th>
<th>Introduction to Programming</th>
<th>4</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<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>
<td>No course articulated</td>
</tr>
<tr>
<td></td>
<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>
<td>No course articulated</td>
</tr>
<tr>
<td></td>
<td>Same as: CSE 43</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| MGMT 30A  | Principles of Accounting I   | 4 | BUS 120  | Financial Accounting | 4 |
|-----------|------------------------------|---|----------|----------------------|
| MGMT 30B  | Principles of Accounting II  | 4 | BUS 121  | Managerial Accounting | 4 |

| ECON 20A  | Basic Economics I            | 4 | ECON 121 | Principles of Microeconomics | 3 |
| ECON 20B  | Basic Economics II           | 4 | ECON 120 | Principles of Macroeconomics | 3 |

**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

<table>
<thead>
<tr>
<th>I&amp;C SCI 45J</th>
<th>Programming in Java as a Second Language</th>
<th>4</th>
<th>No course 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>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>MATH 6G</th>
<th>Linear Algebra</th>
<th>4</th>
<th>MATH 284</th>
<th>Linear Algebra</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>OR</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>I&amp;C SCI 6N</th>
<th>Computational Linear</th>
<th>4</th>
<th>No course articulated</th>
</tr>
</thead>
</table>

| OR          |                                       |   |                      |
Articulation Agreement by Major  
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To: UC Irvine | From: Cuyamaca College  

| Algebra |  
|-----------------------------------|------------------|  
| STATS 7 Basic Statistics (4) | MATH 160 Elementary Statistics (4) |  
| OR | OR |  
| STATS 8 Introduction to Biological Statistics (4) | BIO 215 Statistics for Life Sciences (3) |  
| | OR |  
| | PSY 215 Statistics for the Behavioral Sciences (4) |  
| OR | OR |  
| STATS 67 Introduction to Probability and Statistics for Computer Science (4) | No course articulated |  

END OF BUSINESS INFORMATION MANAGEMENT
Articulation Agreement by Major  
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Applies to Fall 2019 and Fall 2020 Admissions  
To: UC Irvine       |   From: Cuyamaca 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](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>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A  ꞏ Single-Variable Calculus (4)</td>
</tr>
<tr>
<td>MATH 2B  ꞏ Single-Variable Calculus (4)</td>
</tr>
<tr>
<td>MATH 2D  ꞏ Multivariable Calculus (4)</td>
</tr>
<tr>
<td>MATH 2E  ꞏ Multivariable Calculus (4)</td>
</tr>
<tr>
<td>MATH 3A  ꞏ Introduction to Linear Algebra (4)</td>
</tr>
<tr>
<td>MATH 3D  ꞏ Elementary Differential (4)</td>
</tr>
<tr>
<td>MATH 180  ꞏ Analytic Geometry and Calculus I (5)</td>
</tr>
<tr>
<td>MATH 280  ꞏ Analytic Geometry and Calculus II (4)</td>
</tr>
<tr>
<td>MATH 281  ꞏ Multivariable Calculus (4)</td>
</tr>
<tr>
<td>MATH 284  ꞏ Linear Algebra (3)</td>
</tr>
<tr>
<td>MATH 285  ꞏ Differential Equations (3)</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  

To: UC Irvine  
From: Cuyamaca College  

<table>
<thead>
<tr>
<th>Equations</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1A &amp; General Chemistry (4)</td>
</tr>
<tr>
<td>CHEM 1B &amp; General Chemistry (4)</td>
</tr>
<tr>
<td>CHEM 1C &amp; General Chemistry (4)</td>
</tr>
<tr>
<td>CHEM 1LC &amp; General Chemistry (2)</td>
</tr>
<tr>
<td>CHEM 1LD General Chemistry (2)</td>
</tr>
<tr>
<td>CHEM 51A &amp; Organic Chemistry (4)</td>
</tr>
<tr>
<td>CHEM 51LB Organic Chemistry (2)</td>
</tr>
<tr>
<td>CHEM 51B &amp; Organic Chemistry (4)</td>
</tr>
<tr>
<td>CHEM 51C &amp; Organic Chemistry (4)</td>
</tr>
<tr>
<td>CHEM 51LC Organic Chemistry (2)</td>
</tr>
<tr>
<td>PHYSICS 7C &amp; Classical Physics (4)</td>
</tr>
<tr>
<td>PHYSICS 7LC Classical Physics (1)</td>
</tr>
<tr>
<td>PHYSICS 7D &amp; Classical Physics (4)</td>
</tr>
<tr>
<td>PHYSICS 7LD Classical Physics (1)</td>
</tr>
<tr>
<td>ENGRMAE 10 Introduction to Engineering Computations (4)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>EECS 10 Computational Methods in Electrical and Computer Engineering (4)</td>
</tr>
</tbody>
</table>

ADDITIONAL MAJOR REQUIREMENTS

| ENGR 54 Principles of Materials Science and Engineering (4) | ENGR 260 Engineering Materials (3) |
| CBEMS 45A Chemical Processing and Materials Balances (4) | No course articulated |
| CBEMS 45B Chemical Processing and Energy Balances (3) |
| CBEMS 45C Chemical Engineering Thermodynamics (4) |

ADDITIONAL MAJOR ELECTIVES

| BIO SCI 98 Biochemistry (4) | No course articulated |
| BIO SCI 99 Molecular Biology (4) | No course articulated |
Articulation Agreement by Major
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To: UC Irvine  |  From: Cuyamaca College

=============================================================================  
BME 50A  &    Cell and Molecular (4)  |  No course articulated
     Engineering  |  
BME 50B  Cell and Molecular (4) |
     Engineering  |

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

END OF CHEMICAL ENGINEERING
Preparation of 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 Chemical Biology, Theoretical and Computational Chemistry, and Chemistry Education with optional Secondary Teaching Certification. Optional specializations are offered in Environmental Chemistry, Medicinal Chemistry, Nuclear and Radiochemistry, and Synthetic Chemistry. Information is available at (949) 824-6507 or ps.uci.edu/stuaff.

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>Major Preparation</th>
<th>Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM M2A &amp; Majors General Chemistry (4)</td>
<td>CHEM 141 &amp; General Chemistry I (5)</td>
</tr>
<tr>
<td>Lecture</td>
<td>Lecture</td>
</tr>
<tr>
<td>CHEM M2LA &amp; Majors General Chemistry (2)</td>
<td>CHEM 142 General Chemistry II (5)</td>
</tr>
<tr>
<td>Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM M2B &amp; Majors General Chemistry (4)</td>
<td></td>
</tr>
<tr>
<td>Lecture</td>
<td></td>
</tr>
<tr>
<td>CHEM M2LB &amp; Majors General Chemistry (2)</td>
<td></td>
</tr>
<tr>
<td>Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM M3C Majors Quantitative (3)</td>
<td></td>
</tr>
<tr>
<td>Analytical Chemistry</td>
<td></td>
</tr>
<tr>
<td>MATH 2A &amp; Single-Variable Calculus (4)</td>
<td>MATH 180 &amp; Analytic Geometry and Calculus I (5)</td>
</tr>
<tr>
<td></td>
<td>MATH 280 Analytic Geometry and Calculus II (4)</td>
</tr>
</tbody>
</table>

--- ADDITIONAL APPROVED COURSES FOR THE MAJOR ---
Articulation Agreement by Major  
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To: UC Irvine | From: Cuyamaca College

<table>
<thead>
<tr>
<th>CHEM M3LC</th>
<th>Majors Quantitative</th>
<th>(3)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM M52LA</td>
<td>Organic Chemistry</td>
<td>(4)</td>
<td>CHEM 231</td>
</tr>
<tr>
<td>---------</td>
<td>-----------------</td>
<td>---</td>
<td>----------------------</td>
</tr>
<tr>
<td>CHEM 51B</td>
<td>Organic Chemistry</td>
<td>(4)</td>
<td>CHEM 232</td>
</tr>
<tr>
<td>---------</td>
<td>-----------------</td>
<td>---</td>
<td>----------------------</td>
</tr>
<tr>
<td>MATH 2D</td>
<td>Multivariable Calculus</td>
<td>(4)</td>
<td>MATH 281</td>
</tr>
</tbody>
</table>

Additional electives chosen from:  
<table>
<thead>
<tr>
<th>BIO SCI 98</th>
<th>Biochemistry</th>
<th>(4)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 99</td>
<td>Molecular Biology</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

END OF CHEMISTRY
Articulation Agreement by Major  
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To: UC Irvine | From: Cuyamaca College  
==========================================================================

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

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

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

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For information 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</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHC/LAT 61</td>
<td>Introduction to Chicano/Latino Studies</td>
<td>(4)</td>
</tr>
<tr>
<td>I</td>
<td>No course articulated</td>
<td></td>
</tr>
<tr>
<td>CHC/LAT 62</td>
<td>Introduction to Chicano/Latino Studies</td>
<td>(4)</td>
</tr>
<tr>
<td>II</td>
<td>HIST 118</td>
<td>U.S. History: Chicano/Chicana Perspectives I</td>
</tr>
<tr>
<td>OR</td>
<td>HIST 119</td>
<td>U.S. History: Chicano/Chicana Perspectives II</td>
</tr>
<tr>
<td>CHC/LAT 63</td>
<td>Introduction to Chicano/Latino Studies</td>
<td>(4)</td>
</tr>
<tr>
<td>III</td>
<td>No course articulated</td>
<td></td>
</tr>
<tr>
<td>One additional course in Chicano/Latino Studies</td>
<td></td>
<td></td>
</tr>
<tr>
<td>One course in African-American or Asian American Studies:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 180</td>
<td>U.S. History: Black Perspectives I</td>
<td>(3)</td>
</tr>
<tr>
<td>HIST 181</td>
<td>U.S. History: Black Perspectives II</td>
<td>(3)</td>
</tr>
<tr>
<td>Two introductory courses in Social Sciences:</td>
<td>Two courses from:</td>
<td></td>
</tr>
<tr>
<td>ANTH 120</td>
<td>Cultural Anthropology</td>
<td>(3)</td>
</tr>
<tr>
<td>ANTH 130</td>
<td>Introduction to Physical Anthropology</td>
<td>(3)</td>
</tr>
<tr>
<td>ECON 110</td>
<td>Economic Issues and Policies</td>
<td>(3)</td>
</tr>
<tr>
<td>ECON 120</td>
<td>Principles of Macroeconomics</td>
<td>(3)</td>
</tr>
<tr>
<td>ECON 121</td>
<td>Principles of Macroeconomics</td>
<td>(3)</td>
</tr>
</tbody>
</table>
**Articulation Agreement by Major**

*Effective during the 18-19 Academic Year*

*Applies to Fall 2019 and Fall 2020 Admissions*

**To:** UC Irvine  
**From:** Cuyamaca College

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Microeconomics</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG 106</td>
<td>World Regional</td>
<td>(3)</td>
</tr>
<tr>
<td></td>
<td>Geography</td>
<td></td>
</tr>
<tr>
<td>GEOG 120</td>
<td>Physical Geography:</td>
<td>(3)</td>
</tr>
<tr>
<td></td>
<td>Earth Systems</td>
<td></td>
</tr>
<tr>
<td>GEOG 130</td>
<td>Human Geography: The</td>
<td>(3)</td>
</tr>
<tr>
<td></td>
<td>Cultural Landscape</td>
<td></td>
</tr>
<tr>
<td>POSC 120</td>
<td>Introduction to</td>
<td>(3)</td>
</tr>
<tr>
<td></td>
<td>Politics and Political Analysis</td>
<td></td>
</tr>
<tr>
<td>PSY 120</td>
<td>Introductory Psychology</td>
<td>(3)</td>
</tr>
<tr>
<td>SOC 120</td>
<td>Introductory Sociology</td>
<td>(3)</td>
</tr>
</tbody>
</table>

**SPANISH 2A** | Intermediate Spanish | (4) | **SPAN 220** | Spanish III | (5) |

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

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<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>MATH 2A</strong> &amp;</td>
<td>Single-Variable Calculus</td>
<td>(4)</td>
<td><strong>MATH 180</strong> &amp;</td>
<td>Analytic Geometry and Calculus I</td>
</tr>
<tr>
<td><strong>MATH 2B</strong> &amp;</td>
<td>Single-Variable Calculus</td>
<td>(4)</td>
<td><strong>MATH 160</strong></td>
<td>Elementary Statistics</td>
</tr>
<tr>
<td>Stats 7</td>
<td>Basic Statistics</td>
<td>(4)</td>
<td>OR</td>
<td>OR</td>
</tr>
<tr>
<td>OR</td>
<td>Stats for Business Decision Making</td>
<td>(4)</td>
<td><strong>BIO 215</strong></td>
<td>Statistics for Life Sciences</td>
</tr>
<tr>
<td>OR</td>
<td>OR</td>
<td>OR</td>
<td><strong>PSY 215</strong></td>
<td>Statistics for the Behavioral Sciences</td>
</tr>
<tr>
<td>OR</td>
<td>SOC SCI 10A &amp;</td>
<td>Probability and Statistics in the Social Sciences I</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>OR</td>
<td>SOC SCI 10B &amp;</td>
<td>Probability and Statistics in the Social Sciences II</td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td>SOC SCI 10C &amp;</td>
<td>Probability and Statistics in the Social Sciences III</td>
<td>(4)</td>
<td></td>
</tr>
</tbody>
</table>

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

<p>| | | | | |</p>
<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>I&amp;C SCI 31</strong></td>
<td>Introduction to Programming</td>
<td>(4)</td>
<td>No course articulated</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Same as: CSE 41</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SOC SCI 3A</strong></td>
<td>Computer-Based Research in the Social Sciences</td>
<td>(4)</td>
<td>No course articulated-Course must be completed at UCI</td>
<td></td>
</tr>
</tbody>
</table>

**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: Cuyamaca College
================================================================================================
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  

To: UC Irvine | From: Cuyamaca 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

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

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

<table>
<thead>
<tr>
<th>Chinese</th>
<th>CHINESE 3A</th>
<th>Advanced Mandarin (4)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHINESE 3B</td>
<td>Advanced Mandarin (4)</td>
<td>Chinese</td>
<td></td>
</tr>
<tr>
<td>CHINESE 3C</td>
<td>Advanced Mandarin (4)</td>
<td>Chinese</td>
<td></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>LOWER-DIVISION WRITING</th>
<th>WRITING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 120</td>
<td>College Composition (3)</td>
</tr>
<tr>
<td>ENGL 124</td>
<td>Advanced Composition: Critical Reasoning and Writing (3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ENGLISH LITERATURE</th>
<th>LITERATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 122</td>
<td>Introduction to Literature (3)</td>
</tr>
<tr>
<td>ENGL 214</td>
<td>Masterpieces of Drama (3)</td>
</tr>
<tr>
<td>ENGL 221</td>
<td>British Literature I (3)</td>
</tr>
<tr>
<td>ENGL 222</td>
<td>British Literature II (3)</td>
</tr>
<tr>
<td>ENGL 231</td>
<td>American Literature I (3)</td>
</tr>
<tr>
<td>ENGL 232</td>
<td>American Literature II (3)</td>
</tr>
<tr>
<td>ENGL 270</td>
<td>World Literature I (3)</td>
</tr>
<tr>
<td>ENGL 271</td>
<td>World Literature II (3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HISTORY</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 100</td>
<td>Early World History (3)</td>
</tr>
<tr>
<td>HIST 101</td>
<td>Modern World History (3)</td>
</tr>
<tr>
<td>HIST 105</td>
<td>Early Western Civilization (3)</td>
</tr>
<tr>
<td>HIST 106</td>
<td>Modern Western Civilization (3)</td>
</tr>
<tr>
<td>HIST 108</td>
<td>Early American History (3)</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major  
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| HIST 109 | Modern American History |  (3) |
| PHILOSOPHY | PHILOSOPHY |
| PHIL 110 | A General Introduction to Philosophy |  (3) |
| PHIL 115 | History of Philosophy I: Ancient |  (3) |
| PHIL 117 | History of Philosophy II: Modern and Contemporary |  (3) |
| PHIL 140 | Problems In Ethics Philosophy of Religion: A Cross-Cultural Introduction |  (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 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

<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>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>Algebra</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 3D  Elementary Differential Equations (4)</td>
</tr>
<tr>
<td>PHYSICS 7C &amp; Classical Physics (4)</td>
</tr>
</tbody>
</table>
| PHYSICS 7LC & Classical Physics (1) | PHYC 200 & Electricity and Magnetism (
| PHYSICS 7D & Classical Physics (4) |
| PHYSICS 7LD Classical Physics Laboratory (1) |

<table>
<thead>
<tr>
<th>MAJOR PREPARATION COURSES NECESSARY TO GRADUATE IN 2 YEARS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGRCEE 11 Methods II: Probability and Statistics (4)</td>
</tr>
<tr>
<td>ENGRMAE 30 Statics Same as: ENGR 30, ENGRCEE 30 (4)</td>
</tr>
<tr>
<td>ENGRCEE 81A Civil Engineering Practicum I (3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ADDITIONAL MAJOR REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGRCEE 21 Computational Problem Solving (4)</td>
</tr>
<tr>
<td>ENGRCEE 81B Civil Engineering Practicum II (3)</td>
</tr>
<tr>
<td>ECON 20A Basic Economics I (4)</td>
</tr>
<tr>
<td>ECON 20B Basic Economics II (4)</td>
</tr>
</tbody>
</table>
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================================================================================
|            Macroeconomics |
|================================================================================
| ENGRCEE 60  Contemporary and Emerging Environmental Challenges |
| OR |
| SOCECOL E8  Introduction to Environmental Analysis and Design |
| OR |
| OR |
|================================================================================
| ADDITIONAL MAJOR ELECTIVES |
|================================================================================
| One course from the following: |
|================================================================================
| EECSC 70A  Network Analysis I |
| ENGR 7A  Introduction to Engineering I |
| AND |
| ENGR 7B  Introduction to Engineering II |
|================================================================================
| ENGR 54  Principles of Materials Science and Engineering |
|================================================================================
| ENGRMAE 80  Dynamics Same as: ENGR 80, ENGRCEE 80 |
| ENGRMAE 91  Introduction to Thermodynamics |
|================================================================================
| One course from the following: |
|================================================================================
| BIO SCI 55  Introduction to Ecology |
| BIO SCI 65  Biodiversity and Conservation |
| BIO SCI 93  From DNA to Organisms |
|================================================================================
| EARTHSS 1  The Physical Environment |
| GEOL 104 | GEOG 121  Earth Science |
|================================================================================
| EARTHSS 3  Oceanography |
| OCEA 112  Introduction to Oceanography |
|================================================================================
| EARTHSS 5  The Atmosphere |

No course articulated
Articulation Agreement by Major  
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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Articulation Status</th>
</tr>
</thead>
<tbody>
<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>
<tr>
<td>EARTHSS 19</td>
<td>Introduction to Modeling the Earth System</td>
<td>4</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

END OF CIVIL ENGINEERING
Articulation Agreement by Major  
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================================================================================  
====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 6 | The Formation of | (4) | No course articulated  
Ancient Greek Society: | |  
Early Greece | |
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================================================================================
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

Latin Focus:
CLASSIC 37A & The Formation of (4) No course articulated
Ancient Roman Society: 
Origins to Roman 
Republic 

Same as: HISTORY 37A
CLASSIC 37B & The Formation of (4) 
Ancient Roman Society: 
Roman Empire 

Same as: HISTORY 37B
CLASSIC 37C The Formation of (4) 
Ancient Roman Society: 
The Fall of Rome 

Same as: HISTORY 37C

--------------------------------------------------------------------------------
B. Latin Language and Literature Emphasis
--------------------------------------------------------------------------------
CLASSIC 37A & The Formation of (4) No course articulated
Ancient Roman Society: 
Origins to Roman 
Republic 

Same as: HISTORY 37A
CLASSIC 37B & The Formation of (4) 
Ancient Roman Society: 
Roman Empire 

Same as: HISTORY 37B
CLASSIC 37C The Formation of (4) 
Ancient Roman Society: 
The Fall of Rome 

Same as: HISTORY 37C

Course work equivalent to two years of 
college level Latin

--------------------------------------------------------------------------------
C. Classical Civilization Emphasis
--------------------------------------------------------------------------------
CLASSIC 36A & The Formation of (4) No course articulated
Ancient Greek Society: 
Early Greece
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| 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 |
| CLASSIC 37A & The Formation of (4) |
| 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 |

| OR |
| CLASSIC 45A & Classical Mythology: (4) |
| The Gods |

| CLASSIC 45B & Classical Mythology: (4) |
| The Heroes |

| CLASSIC 45C Classical Mythology: (4) |
| Ancient and Modern |
| Perspectives of |
| Classical Mythology |

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

| GREEK 1B & Fundamentals of Greek (5) |

| GREEK 1C Fundamentals of Greek (5) |

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

| LATIN 1B & Fundamentals of Latin (5) |

| LATIN 1C Fundamentals of Latin (5) |

Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level) |
| ARBC 221 Arabic IV (5) |

| ASL 221 American Sign Language IV (4) |

| FREN 221 French IV (5) |

| SPAN 221 Spanish IV (5) |
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================================================================================
--------------------------------------------------------------------------------
At least one course from each area for a total of four semester or six quarter courses:

LOWER-DIVISION WRITING

<table>
<thead>
<tr>
<th>WRITING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 120    College Composition    (3)</td>
</tr>
<tr>
<td>ENGL 124    Advanced Composition: Critical Reasoning and Writing (3)</td>
</tr>
</tbody>
</table>

ENGLISH LITERATURE

<table>
<thead>
<tr>
<th>LITERATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 122    Introduction to Literature (3)</td>
</tr>
<tr>
<td>ENGL 214    Masterpieces of Drama (3)</td>
</tr>
<tr>
<td>ENGL 221    British Literature I (3)</td>
</tr>
<tr>
<td>ENGL 222    British Literature II (3)</td>
</tr>
<tr>
<td>ENGL 231    American Literature I (3)</td>
</tr>
<tr>
<td>ENGL 232    American Literature II (3)</td>
</tr>
<tr>
<td>ENGL 270    World Literature I (3)</td>
</tr>
<tr>
<td>ENGL 271    World Literature II (3)</td>
</tr>
</tbody>
</table>

HISTORY

<table>
<thead>
<tr>
<th>HISTORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 100    Early World History (3)</td>
</tr>
<tr>
<td>HIST 101    Modern World History (3)</td>
</tr>
<tr>
<td>HIST 105    Early Western Civilization (3)</td>
</tr>
<tr>
<td>HIST 106    Modern Western Civilization (3)</td>
</tr>
<tr>
<td>HIST 108    Early American History (3)</td>
</tr>
<tr>
<td>HIST 109    Modern American History (3)</td>
</tr>
</tbody>
</table>

PHILOSOPHY

<table>
<thead>
<tr>
<th>PHILOSOPHY</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 110    A General Introduction to Philosophy (3)</td>
</tr>
<tr>
<td>PHIL 115    History of Philosophy I: Ancient (3)</td>
</tr>
<tr>
<td>PHIL 117    History of Philosophy II: Modern and Contemporary (3)</td>
</tr>
<tr>
<td>PHIL 140    Problems In Ethics (3)</td>
</tr>
<tr>
<td>PHIL 170    Philosophy of Religion: A Cross-Cultural Introduction (3)</td>
</tr>
</tbody>
</table>

OR

HUMAN 1A & Humanities Core Lecture (4)
HUMAN 1B & Humanities Core Lecture (4)
HUMAN 1C & Humanities Core Lecture (4)

OR

No course articulated
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| End of Classics |

| HUMAN 1AS & Humanities Core Writing (4) |
| HUMAN 1BS & Humanities Core Writing (4) |
| HUMAN 1CS Humanities Core Writing (4) |
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>Equivalent Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYCH 9A</td>
<td>Psychology Fundamentals (4)</td>
</tr>
<tr>
<td></td>
<td>Same as: PSY BEH 11A</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYCH 9B</td>
<td>Psychology Fundamentals (4)</td>
</tr>
<tr>
<td></td>
<td>Same as: PSY BEH 11B</td>
</tr>
<tr>
<td>PSYCH 9C</td>
<td>Psychology Fundamentals (4)</td>
</tr>
<tr>
<td></td>
<td>Same as: PSY BEH 11C</td>
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<tr>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>MATH 2A &amp;</td>
<td>Single-Variable Calculus (4)</td>
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<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 2B</td>
<td>Single-Variable Calculus (4)</td>
</tr>
<tr>
<td>STATS 7</td>
<td>Basic Statistics (4)</td>
</tr>
<tr>
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</tbody>
</table>
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<thead>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>OR</td>
</tr>
<tr>
<td></td>
<td>PSY 215    Statistics for the Behavioral Sciences</td>
</tr>
</tbody>
</table>

### ADDITIONAL CONCENTRATION PREPARATION

#### Concentration 1: Cognitive Neuroscience

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 35</td>
<td>The Brain and Behavior</td>
<td>4</td>
</tr>
<tr>
<td>BIO SCI 36</td>
<td>Drugs and the Brain</td>
<td>4</td>
</tr>
<tr>
<td>BIO SCI 37</td>
<td>Brain Dysfunction and Repair</td>
<td>4</td>
</tr>
<tr>
<td>BIO SCI 38</td>
<td>Mind, Memory, Amnesia, and the Brain</td>
<td>4</td>
</tr>
<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>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 3A</td>
<td>Basic Physics</td>
<td>4</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 7C</td>
<td>Classical Physics</td>
<td>4</td>
</tr>
<tr>
<td>PHYSICS 7D</td>
<td>Classical Physics</td>
<td>4</td>
</tr>
<tr>
<td>PHYSICS 7E</td>
<td>Classical Physics</td>
<td>4</td>
</tr>
</tbody>
</table>

#### Concentration 3: Language Science

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 35</td>
<td>The Brain and Behavior</td>
<td>4</td>
</tr>
<tr>
<td>LINGUIS 3</td>
<td>Introduction to</td>
<td>4</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>Linguistics</th>
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<tbody>
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</table>

<table>
<thead>
<tr>
<th>LINGUIS 51</th>
<th>Acquisition of Language (4)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Same as: PSYCH 56L</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td>PSYCH 56L</td>
<td>Acquisition of Language (4)</td>
</tr>
<tr>
<td>Same as: LINGUIS 51</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LINGUIS 10</th>
<th>Introduction to Phonology (4)</th>
<th>No course articulated</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>LINGUIS 20</th>
<th>Introduction to Syntax (4)</th>
<th>No course articulated</th>
</tr>
</thead>
</table>

**Concentration 4: Computational Cognitive Science**  

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

<table>
<thead>
<tr>
<th>MATH 3A</th>
<th>Introduction to Linear Algebra (4)</th>
<th>MATH 284</th>
<th>Linear Algebra (3)</th>
</tr>
</thead>
</table>

**TWO ADDITIONAL COURSES APPROVED FOR THE MAJOR**  

<table>
<thead>
<tr>
<th>I&amp;C SCI 32</th>
<th>Programming with Software Libraries (4)</th>
<th>No course articulated</th>
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</thead>
<tbody>
<tr>
<td>Same as: CSE 42</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LINGUIS 3</th>
<th>Introduction to Linguistics (4)</th>
<th>No course articulated</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>LINGUIS 10</th>
<th>Introduction to Phonology (4)</th>
<th>No course articulated</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>LINGUIS 20</th>
<th>Introduction to Syntax (4)</th>
<th>No course articulated</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>LINGUIS 51</th>
<th>Acquisition of Language (4)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Same as: PSYCH 56L</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td>PSYCH 56L</td>
<td>Acquisition of Language (4)</td>
</tr>
<tr>
<td>Same as: LINGUIS 51</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATH 2D</th>
<th>Multivariable Calculus (4)</th>
<th>MATH 281</th>
<th>Multivariable Calculus (4)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>MATH 2E</th>
<th>Multivariable Calculus (4)</th>
<th>MATH 281</th>
<th>Multivariable Calculus (4)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>MATH 3D</th>
<th>Elementary Differential Equations (4)</th>
<th>MATH 285</th>
<th>Differential Equations (3)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>MATH 4</th>
<th>Mathematics for Economists (4)</th>
<th>MATH 281</th>
<th>Multivariable Calculus (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>MATH 284</td>
<td>Linear Algebra (3)</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Cuyamaca College

<table>
<thead>
<tr>
<th>Course 1</th>
<th>Course 2</th>
<th>Credits</th>
<th>Articulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>LINGUIS 1</td>
<td>Languages of the World</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>PHILOS 30</td>
<td>Introduction to Symbolic Logic</td>
<td>4</td>
<td>PHIL 130 Logic (3)</td>
</tr>
<tr>
<td></td>
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<td>Same as: LPS 30</td>
</tr>
<tr>
<td>PHILOS 31</td>
<td>Introduction to Inductive Logic</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Same as: LPS 31</td>
</tr>
<tr>
<td>PHYSICS 15</td>
<td>Physics of Music</td>
<td>4</td>
<td>No course articulated</td>
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</tbody>
</table>

END OF COGNITIVE SCIENCES
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Cuyamaca 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 122 Introduction to Literature
COM LIT 60C & Cultural Studies (4) | ENGL 214 Masterpieces of Drama (3)
| ENGL 231 American Literature I (3)
| ENGL 221 British Literature I (3)
| ENGL 222 British Literature II (3)
| ENGL 232 American Literature II (3)
| ENGL 270 World Literature I (3)
Articulation Agreement by Major
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| ENGL 271        | World Literature II | (3) |

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

| ARBC 221      | Arabic IV           | (5) |
| OR            |
| ASL 221       | American Sign Language IV | |
| OR            |
| FREN 221      | French IV           | (5) |
| OR            |
| SPAN 221      | Spanish IV          | (5) |

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

| WRITING | (Writing, Literature, History, and Philosophy) for a total of four semester courses: |
|-----------------------------------------------|
| LOWER-DIVISION WRITING |                          |
| ENGL 120      | College Composition (3) |
| ENGL 124      | Advanced Composition: Critical Reasoning and Writing (3) |

| LITERATURE | |
|-----------------------------------------------|
| ENGL 122     | Introduction to Literature (3) |
| ENGL 214     | Masterpieces of Drama (3) |
| ENGL 221     | British Literature I (3) |
| ENGL 222     | British Literature II (3) |
| ENGL 231     | American Literature I (3) |
| ENGL 232     | American Literature II (3) |
| ENGL 270     | World Literature I (3) |
| ENGL 271     | World Literature II (3) |

| HISTORY | |
|-----------------------------------------------|
| HIST 100   | Early World History (3) |
| HIST 101   | Modern World History (3) |
| HIST 105   | Early Western Civilization (3) |
| HIST 106   | Modern Western Civilization (3) |
| HIST 108   | Early American History (3) |
| HIST 109   | Modern American History (3) |

| PHILOSOPHY | |
|-----------------------------------------------|
| PHIL 110   | A General Introduction to Philosophy (3) |
| PHIL 115   | History of Philosophy I: Ancient (3) |
| PHIL 117   | History of Philosophy (3) |
Articulation Agreement by Major
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<table>
<thead>
<tr>
<th>II: Modern and Contemporary</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 140  Problems In Ethics  (3)</td>
</tr>
<tr>
<td>PHIL 170  Philosophy of Religion: A  (3)</td>
</tr>
<tr>
<td>Cross-Cultural Introduction</td>
</tr>
</tbody>
</table>

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

===Computer Engineering, B.S.===

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

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

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

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 2D</td>
<td>4</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>4</td>
</tr>
<tr>
<td>MATH 180</td>
<td>5</td>
</tr>
<tr>
<td>MATH 280</td>
<td>4</td>
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<tr>
<td>MATH 281</td>
<td>4</td>
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<tr>
<td>MATH 284</td>
<td>4</td>
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<td>MATH 250</td>
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<td>MATH 250</td>
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<td>MATH 205</td>
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<td>MATH 210</td>
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<td>MATH 215</td>
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<tr>
<td>MATH 200S</td>
<td></td>
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<tr>
<td>MATH 122</td>
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<tr>
<td>MATH 120</td>
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<td>MATH 260</td>
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<tr>
<td>MATH 260L</td>
<td></td>
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<tr>
<td>MATH 284</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>MATH 3D</th>
<th>Elementary Differential Equations</th>
<th>MATH 285</th>
<th>Differential Equations (3)</th>
</tr>
</thead>
</table>

| PHYSICS 7C & Classical Physics | (4) | PHYC 190 & Classical Physics | Mechanics and Heat (5) |
| PHYSICS 7LC & Classical Physics | (1) | PHYC 200 & Classical Physics | Electricity and Magnetism |
| PHYSICS 7D & Classical Physics | (4) | PHYC 210 & Classical Physics | Wave Motion and Modern Physics |
| PHYSICS 7LD & Classical Physics | (1) | PHYC 210 & Classical Physics | Wave Motion and Modern Physics |

<table>
<thead>
<tr>
<th>EECS 12</th>
<th>Introduction to Programming</th>
<th>(4)</th>
<th>CS 181 &amp; Introduction to C++ Programming (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>CS 182</td>
</tr>
</tbody>
</table>

| EECS 70A | Network Analysis I | (4) | ENGR 210 | Electric Circuits (4) |
|          |                  |      |          |                  |
| EECS 70LA | Network Analysis I | (1) | ENGR 210 | Electric Circuits (4) |
|          | Laboratory       |      |          |                  |

MAJOR PREPARATION COURSES NECESSARY TO GRADUATE IN 2 YEARS

<table>
<thead>
<tr>
<th>EECS 20</th>
<th>Computer Systems and Programming in C</th>
<th>(4)</th>
<th>No course articulated</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>EECS 22</th>
<th>Advanced C Programming</th>
<th>(3)</th>
<th>CS 281</th>
<th>Intermediate C++ Programming and Fundamental Data Structures (4)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>I&amp;C SCI 6D</th>
<th>Discrete Mathematics for Computer Science</th>
<th>(4)</th>
<th>No course articulated</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>EECS 1</th>
<th>Introduction to Electrical Engineering and Computer Engineering</th>
<th>(1)</th>
<th>No course articulated</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>EECS 22L</th>
<th>Software Engineering Project in C Language</th>
<th>(3)</th>
<th>No course articulated</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>EECS 31</th>
<th>Introduction to Digital Systems</th>
<th>(4)</th>
<th>ENGR 270</th>
<th>Digital Design (4)</th>
</tr>
</thead>
</table>
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<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>EECS 31L</td>
<td>Introduction to Digital Logic Laboratory</td>
</tr>
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<thead>
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<tbody>
<tr>
<td>EECS 40</td>
<td>Object-Oriented Systems and Programming</td>
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<td>CS 282 Intermediate Java Programming and Fundamental Data Structures</td>
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<tbody>
<tr>
<td>EECS 50</td>
<td>Discrete-Time Signals and Systems</td>
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<tbody>
<tr>
<td>EECS 55</td>
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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>EECS 70B &amp;</td>
<td>Network Analysis II</td>
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<tr>
<td>EECS 70LB</td>
<td>Network Analysis II Laboratory</td>
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<tr>
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</table>

**ADDITIONAL MAJOR ELECTIVES**

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<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>I&amp;C SCI 6B</td>
<td>Boolean Algebra and Logic</td>
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<tr>
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</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2E</td>
<td>Multivariable Calculus</td>
</tr>
<tr>
<td>MATH 281</td>
<td>Multivariable Calculus</td>
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<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 51A</td>
<td>Modern Physics</td>
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<td>No course articulated</td>
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<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>PHYSICS 52A</td>
<td>Fundamentals of Experimental Physics</td>
</tr>
<tr>
<td>PHYC 210</td>
<td>Wave Motion and Modern Physics</td>
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<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>ENGR 7A</td>
<td>Introduction to Engineering I</td>
</tr>
<tr>
<td></td>
<td>No course articulated</td>
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<tr>
<td></td>
<td>AND</td>
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<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>ENGR 7B</td>
<td>Introduction to Engineering II</td>
</tr>
<tr>
<td></td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

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

To: UC Irvine
| From: Cuyamaca 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

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
# Articulation Agreement by Major

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

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

---

**To:** UC Irvine  
**From:** Cuyamaca College

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>UC Irvine Units</th>
<th>Cuyamaca College Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A</td>
<td>Single-Variable Calculus</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2B</td>
<td>Single-Variable Calculus</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>MATH 180</td>
<td>Analytic Geometry and Calculus I</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>MATH 280</td>
<td>Analytic Geometry and Calculus II</td>
<td>4</td>
<td>4</td>
</tr>
</tbody>
</table>

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

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

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

---

**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>UC Irvine Units</th>
<th>Cuyamaca College Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>I&amp;C SCI 45C</td>
<td>Programming in C/C++</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 46</td>
<td>Data Structure Implementation and Analysis</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 51</td>
<td>Introductory Computer Organization</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>IN4MATX 43</td>
<td>Introduction to Software Engineering</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 60</td>
<td>Computer Games and Society</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 61</td>
<td>Game Systems and Design</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 62</td>
<td>Game Technologies and Interactive Media</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 6N</td>
<td>Computational Linear Algebra</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>Introduction to Linear Algebra</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td>MATH 284</td>
<td>Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td>I&amp;C SCI 6D</td>
<td>Discrete Mathematics for Computer Science</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 6B</td>
<td>Boolean Algebra and Logic</td>
<td>4</td>
<td>4</td>
</tr>
</tbody>
</table>
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| STATS 67  | Introduction to Probability and Statistics for Computer Science | (4) | No course articulated |
| PHYSICS 3A  | Basic Physics | (4) | PHYC 130 Fundamentals of Physics | (4) |
| 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: Cuyamaca 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.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap

For information about Transfer Admission Guarantee for this major, go to
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To: UC Irvine | From: Cuyamaca College

http://www.admissions.uci.edu/apply/transfer/guarantee.php

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

<table>
<thead>
<tr>
<th>Course</th>
<th>UC Irvine Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A &amp;</td>
<td>MATH 180 &amp; Analytic Geometry and</td>
</tr>
<tr>
<td>Single-Variable Calculus</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MATH 2B</td>
<td>MATH 280</td>
</tr>
<tr>
<td>Single-Variable Calculus</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7C &amp;</td>
<td>PHYSYC 190 &amp; Mechanics and Heat</td>
</tr>
<tr>
<td>Classical Physics</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7LC &amp;</td>
<td>PHYSYC 200 &amp; Electricity and</td>
</tr>
<tr>
<td>Classical Physics</td>
<td>Magnetism</td>
</tr>
<tr>
<td>PHYSICS 7D &amp;</td>
<td></td>
</tr>
<tr>
<td>Classical Physics</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7LD &amp;</td>
<td></td>
</tr>
<tr>
<td>Classical Physics</td>
<td></td>
</tr>
<tr>
<td>Laboratory</td>
<td></td>
</tr>
<tr>
<td>CSE 41 &amp;</td>
<td>No course articulated</td>
</tr>
<tr>
<td>Introduction to Programming</td>
<td>Same as: I&amp;C SCI 31</td>
</tr>
<tr>
<td>CSE 42 &amp;</td>
<td>Programming with Software Libraries</td>
</tr>
<tr>
<td>Same as: I&amp;C SCI 32</td>
<td></td>
</tr>
<tr>
<td>CSE 43</td>
<td>Intermediate Programming</td>
</tr>
<tr>
<td>Same as: I&amp;C SCI 33</td>
<td></td>
</tr>
</tbody>
</table>

Introductory programming courses approved by Information and Computer Sciences:

<table>
<thead>
<tr>
<th>Course</th>
<th>UC Irvine Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>I&amp;C SCI 31 &amp;</td>
<td>No course articulated</td>
</tr>
<tr>
<td>Introduction to Programming</td>
<td>Same as: CSE 41</td>
</tr>
<tr>
<td>I&amp;C SCI 32 &amp;</td>
<td>Programming with Software Libraries</td>
</tr>
<tr>
<td>Same as: CSE 42</td>
<td></td>
</tr>
<tr>
<td>I&amp;C SCI 33</td>
<td>Intermediate Programming</td>
</tr>
<tr>
<td>Same as: CSE 43</td>
<td></td>
</tr>
</tbody>
</table>

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

ADDITIONAL APPROVED COURSES FOR THE MAJOR

Mathematics and Basic Science Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>UC Irvine Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2D</td>
<td>MATH 281 &amp; Multivariable Calculus</td>
</tr>
<tr>
<td>Multivariable Calculus</td>
<td>Multivariable Calculus (4)</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>MATH 284 &amp; Linear Algebra</td>
</tr>
<tr>
<td>Introduction to Linear</td>
<td>Linear Algebra (3)</td>
</tr>
<tr>
<td>Algebra</td>
<td></td>
</tr>
<tr>
<td>MATH 3D</td>
<td>MATH 285 &amp; Differential Equations</td>
</tr>
<tr>
<td>Elementary Differential</td>
<td>Differential Equations (3)</td>
</tr>
<tr>
<td>Equations</td>
<td></td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>I&amp;C SCI 6B</th>
<th>Boolean Algebra and Logic</th>
<th>(4)</th>
<th>No course articulated</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>CSE 31</th>
<th>Introduction to Digital Systems</th>
<th>(4)</th>
<th>ENGR 270 Digital Design</th>
<th>(4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Same as:</td>
<td>EECS 31</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSE 31L</td>
<td>Introduction to Digital Logic Laboratory</td>
<td>(3)</td>
<td>No course articulated</td>
<td></td>
</tr>
<tr>
<td>Same as:</td>
<td>EECS 31L</td>
<td></td>
<td></td>
<td></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>
<td></td>
</tr>
<tr>
<td>Same as:</td>
<td>I&amp;C SCI 45C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSE 46</td>
<td>Data Structure Implementation and Analysis</td>
<td>(4)</td>
<td>No course articulated</td>
<td></td>
</tr>
<tr>
<td>Same as:</td>
<td>I&amp;C SCI 46</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSE 50</td>
<td>Discrete-Time Signals and Systems</td>
<td>(4)</td>
<td>No course articulated</td>
<td></td>
</tr>
<tr>
<td>Same as:</td>
<td>EECS 50</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSE 70A</td>
<td>Network Analysis I</td>
<td>(4)</td>
<td>ENGR 210 Electric Circuits</td>
<td>(4)</td>
</tr>
<tr>
<td>Same as:</td>
<td>EECS 70A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSE 90</td>
<td>Systems Engineering and Technical Communications</td>
<td>(2)</td>
<td>No course articulated</td>
<td></td>
</tr>
<tr>
<td>IN4MATX 43</td>
<td>Introduction to Software Engineering</td>
<td>(4)</td>
<td>No course articulated</td>
<td></td>
</tr>
</tbody>
</table>

**END OF COMPUTER SCIENCE AND ENGINEERING**
Articulation Agreement by Major
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To: UC Irvine | From: Cuyamaca 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
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MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

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<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>MATH 2B</td>
<td>Single-Variable Calculus</td>
<td>(4)</td>
</tr>
<tr>
<td>MATH 180</td>
<td>Analytic Geometry and Calculus I</td>
<td>(5)</td>
</tr>
<tr>
<td>MATH 280</td>
<td>Analytic Geometry and Calculus II</td>
<td>(4)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</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:</td>
<td>CSE 41</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:</td>
<td>CSE 42</td>
<td></td>
</tr>
<tr>
<td>I&amp;C SCI 33</td>
<td>Intermediate Programming</td>
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</tr>
<tr>
<td>Same as:</td>
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ADDITIONAL APPROVED COURSES FOR THE MAJOR

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<tr>
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<th>Title</th>
<th>Units</th>
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</thead>
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<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:</td>
<td>CSE 45C</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:</td>
<td>CSE 46</td>
<td></td>
</tr>
<tr>
<td>I&amp;C SCI 51</td>
<td>Introductory Computer Organization</td>
<td>(6)</td>
</tr>
<tr>
<td>I&amp;C SCI 53</td>
<td>Principles in System Design</td>
<td>(4)</td>
</tr>
<tr>
<td>I&amp;C SCI 53L</td>
<td>Principles in System Design Laboratory</td>
<td>(2)</td>
</tr>
<tr>
<td>I&amp;C SCI 90</td>
<td>New Students Seminar</td>
<td>(1)</td>
</tr>
<tr>
<td>I&amp;C SCI 6N</td>
<td>Computational Linear Algebra</td>
<td>(4)</td>
</tr>
<tr>
<td>OR</td>
<td>MATH 3A</td>
<td>Introduction to Linear Algebra</td>
</tr>
<tr>
<td>OR</td>
<td>MATH 284</td>
<td>Linear Algebra</td>
</tr>
<tr>
<td>I&amp;C SCI 6D</td>
<td>Discrete Mathematics</td>
<td>(4)</td>
</tr>
</tbody>
</table>
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<tr>
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<tbody>
<tr>
<td>for Computer Science</td>
<td></td>
</tr>
<tr>
<td>I&amp;C SCI 6B</td>
<td></td>
</tr>
<tr>
<td>Boolean Algebra and Logic</td>
<td>(4)</td>
</tr>
<tr>
<td>STATS 67</td>
<td></td>
</tr>
<tr>
<td>Introduction to Probability and Statistics for Computer Science</td>
<td>(4)</td>
</tr>
</tbody>
</table>

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

#### 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 [http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap)

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---

| CRM/LAW C7 | Introduction to Criminology, Law and Society | (4) | No course articulated |
| CRM/LAW C10 | Fundamentals of Criminology, Law and Society | (4) | No course articulated |
| SOCECOL E8 | Introduction to Environmental Analysis and Design | (4) | BIO 112 Contemporary Issues in Environmental Resources |
| PPD 4 | Introduction to Urban Studies | (4) | No course articulated |
| PSY BEH 9 | Introduction to Psychology | (4) | PSY 120 Introductory Psychology (3) |
| PSY BEH 11B | Psychology Fundamentals | (4) | No course articulated-Course must be taken at UCI |
| PSY BEH 11C | Psychology Fundamentals | (4) | PSY 120 & Introductory Psychology (3) |
| SOCECOL 10 | Research Design | (4) | No course articulated |
| SOCECOL 13 | Statistical Analysis in Social Ecology | (4) | BIO 215 Statistics for Life Sciences |

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| PSY 215 | Statistics for the Behavioral Sciences (4) |

END OF CRIMINOLOGY, LAW AND SOCIETY
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================================================================================

====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.

______________________________________________________________________________

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

______________________________________________________________________________

B.A. or B.F.A.

| DANCE 2 | Dance Health and Injury Prevention | (4)| No course articulated |
|------------------|---------------------------------|-------|
| DANCE 21A | Music for Dancers | (4)| No course articulated |
| DANCE 60A | Choreography I | (4)| No course articulated |
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DANCE 90A & Dance History (4)| Students may not take equivalent
courses outside of UCI after
DANCE 90B & Dance History (4)| matriculation; DANCE 90ABC must be
taken in residence.
DANCE 90C Dance History (4) |

One course in Ethnic, Mexican, Social, Spanish, Character or Tap Dance |

|One course from:
B.F.A. CHOREOGRAPHY AND PERFORMANCE SPECIALIZATIONS ADD:
|

DRAMA 30A Acting (4) | No course articulated

B.F.A. CHOREOGRAPHY SPECIALIZATION ADD:
|

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

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

Four units (one or two courses) from Art, Art History, Drama, or Music |
| 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

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

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 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
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<tbody>
<tr>
<td>MATH 2A  Single-Variable Calculus  (4)</td>
</tr>
<tr>
<td>MATH 2B  Single-Variable Calculus  (4)</td>
</tr>
<tr>
<td>STATS 7  Basic Statistics  (4)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>BIO 215  Statistics for Life Sciences  (3)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>PSY 215  Statistics for the Behavioral Sciences  (4)</td>
</tr>
</tbody>
</table>

| 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 |

<table>
<thead>
<tr>
<th>ADDITIONAL APPROVED COURSES FOR THE MAJOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>I&amp;C SCI 6B  Boolean Algebra and Logic  (4)</td>
</tr>
<tr>
<td>I&amp;C SCI 6D  Discrete Mathematics for Computer Science  (4)</td>
</tr>
<tr>
<td>I&amp;C SCI 45C  Programming in C/C++ as a Second Language  (4)</td>
</tr>
<tr>
<td>Same as: CSE 45C</td>
</tr>
<tr>
<td>I&amp;C SCI 46  Data Structure Implementation and Analysis  (4)</td>
</tr>
<tr>
<td>Same as: CSE 46</td>
</tr>
<tr>
<td>I&amp;C SCI 51  Introductory Computer Organization  (6)</td>
</tr>
<tr>
<td>IN4MATX 43  Introduction to  (4)</td>
</tr>
</tbody>
</table>
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Software Engineering

<table>
<thead>
<tr>
<th>MATH 2D</th>
<th>Multivariable Calculus (4)</th>
<th>MATH 281</th>
<th>Multivariable Calculus (4)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>MATH 3A</th>
<th>Introduction to Linear Algebra (4)</th>
<th>MATH 284</th>
<th>Linear Algebra (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OR</td>
<td></td>
<td>OR</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I&amp;C SCI 6N</th>
<th>Computational Linear Algebra (4)</th>
<th>No course articulated</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>STATS 68</th>
<th>Statistical Computing and Exploratory Data Analysis (4)</th>
<th>No course articulated</th>
</tr>
</thead>
</table>

END OF DATA SCIENCE
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====Developmental and Cell Biology, B.S====

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

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

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

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

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

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

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

For information 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>BIO 230</th>
<th>Principles of Cellular, (4) Molecular and Evolutionary Biology</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 94</td>
<td>From Organisms to Ecosystems</td>
<td>(4)</td>
<td>BIO 240</td>
<td>Principles of Ecology, (5) Evolution and Organismal Biology</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
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  

To: UC Irvine  
From: Cuyamaca College  

(sexemester to quarter) should contact the Physical Sciences Student Affairs Office at: pssazot@uci.edu.

<table>
<thead>
<tr>
<th>Cuyamaca College Courses</th>
<th>UC Irvine Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1A &amp; General Chemistry (4)</td>
<td>CHEM 141 &amp; General Chemistry I (5)</td>
</tr>
<tr>
<td>CHEM 1B &amp; General Chemistry (4)</td>
<td>CHEM 142 General Chemistry II (5)</td>
</tr>
<tr>
<td>CHEM 1C &amp; General Chemistry (4)</td>
<td></td>
</tr>
<tr>
<td>CHEM 1LC &amp; General Chemistry (2)</td>
<td>Laboratory</td>
</tr>
<tr>
<td>CHEM 1LD General Chemistry (2)</td>
<td>Laboratory</td>
</tr>
<tr>
<td>CHEM 51A &amp; Organic Chemistry (4)</td>
<td>CHEM 231 Organic Chemistry I (5)</td>
</tr>
<tr>
<td>CHEM 51LB Organic Chemistry (2)</td>
<td>Laboratory</td>
</tr>
<tr>
<td>CHEM 51B &amp; Organic Chemistry (4)</td>
<td>CHEM 231 Organic Chemistry I (5)</td>
</tr>
<tr>
<td>CHEM 51C &amp; Organic Chemistry (4)</td>
<td>CHEM 232 Organic Chemistry II (5)</td>
</tr>
<tr>
<td>CHEM 51LC Organic Chemistry (2)</td>
<td>Laboratory</td>
</tr>
</tbody>
</table>

Additional Approved Courses for the Major

<table>
<thead>
<tr>
<th>Cuyamaca College Courses</th>
<th>UC Irvine Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 97 Genetics (4)</td>
<td>BIO 124 Human Genetics in Modern Society (4)</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>Cuyamaca College Courses</th>
<th>UC Irvine Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A &amp; Single-Variable Calculus (4)</td>
<td>MATH 180 Analytic Geometry and Calculus I (5)</td>
</tr>
<tr>
<td>MATH 2B Single-Variable Calculus (4)</td>
<td></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 160 Elementary Statistics (4)</td>
</tr>
<tr>
<td>STATS 8 Introduction to Biological Statistics (4)</td>
<td>BIO 215 Statistics for Life Sciences (3)</td>
</tr>
<tr>
<td>MATH 2D Multivariable Calculus (4)</td>
<td>PSY 215 Statistics for theBehavioral Sciences (4)</td>
</tr>
<tr>
<td>MATH 3A Introduction to Linear Algebra (4)</td>
<td>MATH 281 Multivariable Calculus (4)</td>
</tr>
<tr>
<td></td>
<td>MATH 284 Linear Algebra (3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cuyamaca College Courses</th>
<th>UC Irvine Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 3A &amp; Basic Physics (4)</td>
<td>PHYC 130 &amp; Fundamentals of Physics (4)</td>
</tr>
<tr>
<td>PHYSICS 3B &amp; Basic Physics (4)</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 3LB &amp; Basic Physics (1.5)</td>
<td>PHYC 131 Fundamentals of Physics (4)</td>
</tr>
</tbody>
</table>
# Articulation Agreement by Major

**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: Cuyamaca College</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Laboratory</th>
<th>Physics</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PHYSICS 3C</strong> &amp; Basic Physics</td>
<td>(4)</td>
</tr>
<tr>
<td><strong>PHYSICS 3LC</strong> &amp; Basic Physics</td>
<td>(1.5)</td>
</tr>
<tr>
<td>OR</td>
<td>OR</td>
</tr>
<tr>
<td><strong>PHYSICS 7C</strong> &amp; Classical Physics</td>
<td>(4)</td>
</tr>
<tr>
<td><strong>PHYSICS 7LC</strong> &amp; Classical Physics</td>
<td>(1)</td>
</tr>
<tr>
<td><strong>PHYSICS 7D</strong> &amp; Classical Physics</td>
<td>(4)</td>
</tr>
<tr>
<td><strong>PHYSICS 7LD</strong> &amp; Classical Physics</td>
<td>(1)</td>
</tr>
<tr>
<td><strong>PHYSICS 7E</strong> &amp; Classical Physics</td>
<td>(4)</td>
</tr>
</tbody>
</table>

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**END OF DEVELOPMENTAL AND CELL BIOLOGY**
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  
To: UC Irvine  |  From: Cuyamaca 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>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRAMA 10</td>
<td>Introduction to Production Theory</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>One course from:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DRAMA 15</td>
<td>Performance Now</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>DRAMA 20A</td>
<td>Culture in Performance</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>DRAMA 20B</td>
<td>Culture in Performance</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>DRAMA 20C</td>
<td>Culture in Performance</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>DRAMA 30A &amp; 30B</td>
<td>Acting</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>DRAMA 30C</td>
<td>Acting</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>DRAMA 40A &amp; 40B</td>
<td>Development of Drama</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>DRAMA 40C</td>
<td>Development of Drama</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Three courses from:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DRAMA 50A</td>
<td>Introduction to Costume Design</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>DRAMA 50B</td>
<td>Introduction to Scenic Design</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>DRAMA 50C</td>
<td>Introduction to Lighting Design</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>DRAMA 50D</td>
<td>Introduction to Sound Design</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>DRAMA 50E</td>
<td>Introduction to Stage Management</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>
Articulation Agreement by Major
Effective during the 18-19 Academic Year
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To: UC Irvine  |  From: Cuyamaca College

| DRAMA 50F | History & Theories of Scenography | (4) | No course articulated |

END OF DRAMA
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Cuyamaca 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>MATH 2A</th>
<th>Single-Variable Calculus</th>
<th>(4)</th>
<th>MATH 180</th>
<th>Analytic Geometry and Calculus I</th>
<th>(5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2B</td>
<td>Single-Variable Calculus</td>
<td>(4)</td>
<td>MATH 280</td>
<td>Analytic Geometry and Calculus II</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.

| CHEM 1A | General Chemistry | (4) | CHEM 141 | General Chemistry I | (5) |
| CHEM 1B | General Chemistry | (4) | CHEM 142 | General Chemistry II | (5) |
| CHEM 1C | General Chemistry | (4) |
| CHEM 1LC | General Chemistry Laboratory | (2) |
| CHEM 1LD | General Chemistry Laboratory | (2) |
| OR | | |
| PHYSICS 3A | Basic Physics | (4) | PHYC 130 | Fundamentals of Physics | (4) |
| PHYSICS 3B | Basic Physics | (4) | |
| PHYSICS 3LB | Basic Physics Laboratory | (1.5) | PHYC 131 | Fundamentals of Physics | (4) |
| PHYSICS 3C | Basic Physics | (4) | |
Articulation Agreement by Major  
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<table>
<thead>
<tr>
<th>Major</th>
<th>UC Irvine Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics</td>
<td></td>
</tr>
<tr>
<td>Physics 3LC</td>
<td>Basic Physics (1.5)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>Physics 7C</td>
<td>Classical Physics (4)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>Physics 7LC</td>
<td>Classical Physics (1)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>Physics 7E</td>
<td>Classical Physics (4)</td>
</tr>
</tbody>
</table>

**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

<table>
<thead>
<tr>
<th>Major</th>
<th>UC Irvine Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Earthsciences</td>
<td></td>
</tr>
<tr>
<td>Earthsciences 1</td>
<td>The Physical Environment (4)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>Earthsciences 51</td>
<td>Land Interactions (4)</td>
</tr>
<tr>
<td>Earthsciences 53</td>
<td>Ocean Biogeochecmistry (4)</td>
</tr>
<tr>
<td>Earthsciences 55</td>
<td>Earth's Atmosphere (4)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>Math 2D</td>
<td>Multivariable Calculus (4)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>Math 3A</td>
<td>Introduction to Linear Algebra (4)</td>
</tr>
</tbody>
</table>

Additional elective courses chosen from:

<table>
<thead>
<tr>
<th>Major</th>
<th>UC Irvine Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bio Sci 93</td>
<td>From DNA to Organisms (4)</td>
</tr>
<tr>
<td>Bio Sci 94</td>
<td>From Organisms to Ecosystems (4)</td>
</tr>
<tr>
<td>Bio Sci 98</td>
<td>Biochemistry (4)</td>
</tr>
<tr>
<td>CHEM 51A</td>
<td>Organic Chemistry (4)</td>
</tr>
<tr>
<td>CHEM 51B</td>
<td>Organic Chemistry Laboratory (2)</td>
</tr>
<tr>
<td>CHEM 51C</td>
<td>Organic Chemistry (4)</td>
</tr>
<tr>
<td>CHEM 51LC</td>
<td>Organic Chemistry Laboratory (2)</td>
</tr>
<tr>
<td>Math 3A</td>
<td>Introduction to Linear Algebra (4)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>Math 6G</td>
<td>Linear Algebra (4)</td>
</tr>
<tr>
<td>Math 3D</td>
<td>Elementary Differential Equations (4)</td>
</tr>
<tr>
<td>Physcis 51A</td>
<td>Modern Physics (4)</td>
</tr>
<tr>
<td>Physcis 51B</td>
<td>Modern Physics (4)</td>
</tr>
<tr>
<td>ENGRMAE 91</td>
<td>Introduction to Thermodynamics (4)</td>
</tr>
</tbody>
</table>
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To: UC Irvine | From: Cuyamaca College  

<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EECS 10</td>
</tr>
<tr>
<td>OR</td>
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<tr>
<td>OR</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>CS 181</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>OR</td>
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<tr>
<td>OR</td>
</tr>
</tbody>
</table>

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: Cuyamaca 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.
================================================================================

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

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

| CHINESE 1A & | Fundamental Mandarin | (5) | No course articulated |
| CHINESE 1B & | Fundamental Mandarin | (5) | Chinese |
| CHINESE 1C  | Fundamental Mandarin | (5) | Chinese |
| AND         |                     |    | AND |
| CHINESE 2A & | Intermediate Mandarin | (5) | No course articulated |
| CHINESE 2B & | Intermediate Mandarin | (5) | Chinese |
| CHINESE 2C  | Intermediate Mandarin | (5) | Chinese |
| AND         |                     |    | AND |
Articulation Agreement by Major
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| CHINESE 3A | Chinese | Advanced Mandarin | 4 | No course articulated |
| CHINESE 3B | Chinese | Advanced Mandarin | 4 |
| CHINESE 3C | Chinese | Advanced Mandarin | 4 |

OR

| JAPANSE 1A | Fundamental Japanese | 5 | No course articulated |
| JAPANSE 1B | Fundamental Japanese | 5 |
| JAPANSE 1C | Fundamental Japanese | 5 |

AND

| JAPANSE 2A | Intermediate Japanese | 5 | No course articulated |
| JAPANSE 2B | Intermediate Japanese | 5 |
| JAPANSE 2C | Intermediate Japanese | 5 |

AND

| JAPANSE 3A | Advanced Japanese | 4 | No course articulated |
| JAPANSE 3B | Advanced Japanese | 4 |
| JAPANSE 3C | Advanced Japanese | 4 |

OR

| KOREAN 1A | Fundamentals of Korean | 5 | No course articulated |
| KOREAN 1B | Fundamentals of Korean | 5 |
| KOREAN 1C | Fundamentals of Korean | 5 |

AND

| KOREAN 2A | Intermediate Korean | 5 | No course articulated |
| KOREAN 2B | Intermediate Korean | 5 |
| KOREAN 2C | Intermediate Korean | 5 |

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:

<table>
<thead>
<tr>
<th>LOWER-DIVISION WRITING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 120 College Composition (3)</td>
</tr>
<tr>
<td>ENGL 124 Advanced Composition: Critical Reasoning and Writing (3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ENGLISH LITERATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 122 Introduction to Literature (3)</td>
</tr>
<tr>
<td>ENGL 214 Masterpieces of Drama (3)</td>
</tr>
<tr>
<td>ENGL 221 British Literature I (3)</td>
</tr>
<tr>
<td>ENGL 222 British Literature II (3)</td>
</tr>
<tr>
<td>ENGL 231 American Literature I (3)</td>
</tr>
<tr>
<td>ENGL 232 American Literature II (3)</td>
</tr>
<tr>
<td>ENGL 270 World Literature I (3)</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>ENGL 271</th>
<th>World Literature II (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HISTORY</td>
<td></td>
</tr>
<tr>
<td>HIST 100</td>
<td>Early World History (3)</td>
</tr>
<tr>
<td>HIST 101</td>
<td>Modern World History (3)</td>
</tr>
<tr>
<td>HIST 105</td>
<td>Early Western Civilization (3)</td>
</tr>
<tr>
<td>HIST 106</td>
<td>Modern Western Civilization (3)</td>
</tr>
<tr>
<td>HIST 108</td>
<td>Early American History (3)</td>
</tr>
<tr>
<td>HIST 109</td>
<td>Modern American History (3)</td>
</tr>
</tbody>
</table>

| PHILOSOPHY   |                 |
| PHIL 110     | A General Introduction to Philosophy (3) |
| PHIL 115     | History of Philosophy I: Ancient (3) |
| PHIL 117     | History of Philosophy II: Modern and Contemporary (3) |
| PHIL 140     | Problems in Ethics (3) |
| PHIL 170     | Philosophy of Religion: A Cross-Cultural Introduction (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 EAST ASIAN CULTURES
Articulation Agreement by Major
Effective during the 18-19 Academic Year
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================================================================================
====Ecology and Evolutionary Biology, B.S.====
Junior-level applicants with the highest grades overall who satisfactorily complete course prerequisites will be given preference for admission.

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

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

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

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

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

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

For information 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>BIO 230</th>
<th>Principles of Cellular, (4) Molecular and Evolutionary Biology</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 94</td>
<td>From Organisms to</td>
<td>(4)</td>
<td>BIO 240</td>
<td>Principles of Ecology, (5) Evolution and Organismal Biology</td>
</tr>
<tr>
<td></td>
<td>Ecosystems</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.

CHEM 1A 6 General Chemistry (4)|CHEM 141 6 General Chemistry I (5)
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<table>
<thead>
<tr>
<th>Major</th>
<th>Course</th>
<th>Credits</th>
<th>Equivalent</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1B</td>
<td>General Chemistry</td>
<td>4</td>
<td>CHEM 142</td>
<td>General Chemistry II</td>
</tr>
<tr>
<td>CHEM 1C</td>
<td>General Chemistry</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1LC</td>
<td>General Chemistry</td>
<td>2</td>
<td>Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 1LD</td>
<td>General Chemistry</td>
<td>2</td>
<td>Laboratory</td>
<td></td>
</tr>
</tbody>
</table>

| CHEM 51A | Organic Chemistry | 4 | CHEM 231 | Organic Chemistry I | 5 |
| CHEM 51LB | Organic Chemistry | 2 | Laboratory | |

| CHEM 51B | Organic Chemistry | 4 | CHEM 231 & CHEM 231 | Organic Chemistry I | 5 |
| CHEM 51C | Organic Chemistry | 4 | CHEM 232 | Organic Chemistry II | 5 |
| CHEM 51LC | Organic Chemistry | 2 | Laboratory | |

### ADDITIONAL APPROVED COURSES FOR THE MAJOR

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 97</td>
<td>Genetics</td>
</tr>
<tr>
<td>BIO SCI 98</td>
<td>Biochemistry</td>
</tr>
<tr>
<td>BIO SCI 99</td>
<td>Molecular Biology</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A &amp; MATH 2B</td>
<td>Single-Variable Calculus</td>
</tr>
<tr>
<td>and one of the following:</td>
<td>and one of the following:</td>
</tr>
<tr>
<td>STATS 7</td>
<td>Basic Statistics</td>
</tr>
<tr>
<td>STATS 8</td>
<td>Introduction to Biological Statistics</td>
</tr>
<tr>
<td>MATH 2D</td>
<td>Multivariable Calculus</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>Introduction to Linear Algebra</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 3A &amp; PHYSICS 3B</td>
<td>Basic Physics</td>
</tr>
<tr>
<td>PHYSICS 3LB</td>
<td>Basic Physics</td>
</tr>
<tr>
<td>PHYSICS 3C</td>
<td>Basic Physics</td>
</tr>
<tr>
<td>PHYSICS 3LC</td>
<td>Basic Physics</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>OR</th>
<th>OR</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 7C 6 Classical Physics (4)</td>
<td>PHYC 190 6 Mechanics and Heat (5)</td>
</tr>
<tr>
<td>PHYSICS 7LC 6 Classical Physics (1)</td>
<td>PHYC 200 Electricity and Magnetism</td>
</tr>
<tr>
<td>Laboratory</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7D 6 Classical Physics (4)</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7LD 6 Classical Physics (1)</td>
<td></td>
</tr>
<tr>
<td>Laboratory</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7E 6 Classical Physics (4)</td>
<td></td>
</tr>
</tbody>
</table>

END OF ECOLOGY AND EVOLUTIONARY BIOLOGY
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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 121</th>
<th>Principles of Microeconomics</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 20B</td>
<td>Basic Economics II</td>
<td>4</td>
<td>ECON 120</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 2A</td>
<td>Single-Variable Calculus</td>
<td>4</td>
<td>MATH 180</td>
<td>Analytic Geometry and Calculus I</td>
<td>5</td>
</tr>
<tr>
<td>MATH 2B</td>
<td>Single-Variable Calculus</td>
<td>4</td>
<td>MATH 280</td>
<td>Analytic Geometry and Calculus II</td>
<td>4</td>
</tr>
</tbody>
</table>

ADDITIONAL APPROVED COURSES FOR THE MAJOR

<table>
<thead>
<tr>
<th>ECON 15A</th>
<th>Probability and Statistics in Economics I</th>
<th>4</th>
<th>No course articulated-Courses to be completed at UCI</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 15B</td>
<td>Probability and Statistics in Economics II</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MATH 4</td>
<td>Mathematics for Economists</td>
<td>4</td>
<td>MATH 281</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>MATH 284</td>
</tr>
</tbody>
</table>
Articulation Agreement by Major  
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Two introductory Social Science courses | Two courses from:  
in disciplines other than Economics:  |  ANTH 120  Cultural Anthropology (3)  
|  ANTH 130  Introduction to Physical Anthropology (3)  
|  GEOG 106  World Regional Geography (3)  
|  GEOG 120  Physical Geography: Earth Systems (3)  
|  GEOG 130  Human Geography: The Cultural Landscape (3)  
|  POSC 120  Introduction to Politics and Political Analysis (3)  
|  PSY 120  Introductory Psychology (3)  
|  SOC 120  Introductory 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  
| in the Social Sciences  |

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

END OF ECONOMICS
Articulation Agreement by Major
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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>Course</th>
<th>Title</th>
<th>Units</th>
<th>Articulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 10</td>
<td>Educational Research Design</td>
<td>4</td>
<td>No course</td>
</tr>
<tr>
<td>EDUC 15</td>
<td>Statistics for Education Research</td>
<td>4</td>
<td>BIO 215</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Statistics for Life Sciences (3)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OR MATH 160</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OR PSY 215</td>
</tr>
<tr>
<td>EDUC 30</td>
<td>21st Century Literacies</td>
<td>4</td>
<td>No course</td>
</tr>
<tr>
<td>EDUC 40</td>
<td>Theories of Development and Learning Applied to Education</td>
<td>4</td>
<td>No course</td>
</tr>
<tr>
<td>EDUC 50</td>
<td>Origins, Purposes, and Central Issues in K-12 Education</td>
<td>4</td>
<td>No course</td>
</tr>
<tr>
<td>EDUC 100</td>
<td>Educational Strategies for Tutoring and Teacher Aiding</td>
<td>4</td>
<td>No course</td>
</tr>
<tr>
<td>EDUC 131</td>
<td>Educational Technology</td>
<td>4</td>
<td>No course</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

<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 (4)</td>
</tr>
</tbody>
</table>
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### Equations

<table>
<thead>
<tr>
<th>PHYSICS 7C &amp; Classical Physics</th>
<th>(4)</th>
<th>PHYC 190 &amp; Mechanics and Heat</th>
<th>(5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 7LC &amp; Classical Physics</td>
<td>(1)</td>
<td>PHYC 200 &amp; Electricity and Magnetism</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7D &amp; Classical Physics</td>
<td>(4)</td>
<td>PHYC 210 &amp; Wave Motion and Modern Physics</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7LD &amp; Classical Physics</td>
<td>(1)</td>
<td>PHYC 200 &amp; Electricity and Magnetism</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7E &amp; Classical Physics</td>
<td>(4)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EECS 10 Computational Methods in Electrical and Computer Engineering</th>
<th>(4)</th>
<th>CS 181 Introduction to C++ Programming</th>
</tr>
</thead>
<tbody>
<tr>
<td>EECS 70A Network Analysis I</td>
<td>(4)</td>
<td>ENGR 210 Electric Circuits</td>
</tr>
<tr>
<td>EECS 70LA Network Analysis I Laboratory</td>
<td>(1)</td>
<td>ENGR 210 Electric Circuits</td>
</tr>
</tbody>
</table>

**ADDITIONAL MAJOR REQUIREMENTS**

<table>
<thead>
<tr>
<th>PHYSICS 51A Modern Physics</th>
<th>(4)</th>
<th>No course articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 1A General Chemistry for Engineers</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>OR CHEM 1A General Chemistry</td>
<td>(4)</td>
<td>CHEM 141 General Chemistry I</td>
</tr>
<tr>
<td>EECS 1 Introduction to Electrical Engineering and Computer Engineering</td>
<td>(1)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EECS 31 Introduction to Digital Systems</td>
<td>(4)</td>
<td>ENGR 270 Digital Design</td>
</tr>
<tr>
<td>EECS 31L Introduction to Digital Logic Laboratory</td>
<td>(3)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EECS 50 Discrete-Time Signals and Systems</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EECS 55 Engineering Probability</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EECS 70B Network Analysis II</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EECS 70LB Network Analysis II Laboratory</td>
<td>(1)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

**ADDITIONAL MAJOR ELECTIVES**

<table>
<thead>
<tr>
<th>PHYSICS 52A Fundamentals of Experimental Physics</th>
<th>(2)</th>
<th>PHYC 210 Wave Motion and Modern Physics</th>
</tr>
</thead>
</table>
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| ENGR 54  | Principles of Materials  | 4 | ENGR 260  | Engineering Materials  | 3 |
| Science and Engineering |

| EECS 20  | Computer Systems and Programming in C  | 4 |
| |

| EECS 22  | Advanced C Programming  | 3 |
| |

| CS 281  | Intermediate C++  | 4 |
| Programming and |
| Fundamental Data |
| Structures |

| OR |
| CS 282  | Intermediate Java  | 4 |
| Programming and |
| Fundamental Data |
| Structures |

| END OF ELECTRICAL ENGINEERING |

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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

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

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

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

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

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<table>
<thead>
<tr>
<th>Three courses from:</th>
<th>Two courses from:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH 28A The Poetic Imagination (4)</td>
<td>ENGL 122 Introduction to Literature (3)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>ENGLISH 28D &amp; The Craft of Poetry (4)</td>
<td>ENGL 214 Masterpieces of Drama (3)</td>
</tr>
<tr>
<td>ENGLISH 28B &amp; Comic and Tragic Vision (4)</td>
<td>ENGL 221 British Literature I (3)</td>
</tr>
<tr>
<td>ENGLISH 28C &amp; Realism and Romance Vision (4)</td>
<td>ENGL 231 American Literature I (3)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>ENGLISH 28E The Craft of Fiction (4)</td>
<td>ENGL 270 World Literature I (3)</td>
</tr>
<tr>
<td></td>
<td>ENGL 271 World Literature II (3)</td>
</tr>
</tbody>
</table>
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Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level) |
| ARBC 221 Arabic IV              (5) |
| OR |
| ASL 221 American Sign Language IV (4) |
| OR |
| FREN 221 French IV              (5) |
| OR |
| SPAN 221 Spanish IV             (5) |

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

LOWER-DIVISION WRITING |
| ENGL 120 College Composition and Reading (3) |
| ENGL 124 Advanced Composition: Critical Reasoning and Writing (3) |

ENGLISH LITERATURE |
| ENGL 122 Introduction to Literature (3) |
| ENGL 214 Masterpieces of Drama (3) |
| ENGL 221 British Literature I (3) |
| ENGL 222 British Literature II (3) |
| ENGL 231 American Literature I (3) |
| ENGL 232 American Literature II (3) |
| ENGL 270 World Literature I (3) |
| ENGL 271 World Literature II (3) |

HISTORY |
| HIST 100 Early World History (3) |
| HIST 101 Modern World History (3) |
| HIST 105 Early Western Civilization (3) |
| HIST 106 Modern Western Civilization (3) |
| HIST 108 Early American History (3) |
| HIST 109 Modern American History (3) |

PHILOSOPHY |
| PHIL 110 A General Introduction to Philosophy (3) |
| PHIL 115 History of Philosophy I: Ancient (3) |
| PHIL 117 History of Philosophy II: Modern and Contemporary (3) |
Articulation Agreement by Major  
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| PHIL 140 | Problems In Ethics (3) |
| PHIL 170 | Philosophy of Religion: A Cross-Cultural Introduction |

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 ENGLISH
Articulation Agreement by Major  
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Applies to Fall 2019 and Fall 2020 Admissions  
To: UC Irvine  
| From: Cuyamaca College

==Environmental Engineering, B.S.==

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

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

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

The following courses are not required for transfer consideration, however the degree cannot be completed in two years without them:

- Introduction to Statistics (C-ID MATH 110)
- Statics (C-ID ENGR 130)
- Engineering Graphics (C-ID ENGR 150)

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

For information 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 &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>Algebra</th>
</tr>
</thead>
</table>
| MATH 3D  
Elementary Differential Equations  
(MATH 285  
Differential Equations) |

| PHYSICS 7C  
Classical Physics  
(PHYC 190  
Mechanics and Heat) |
| PHYSICS 7LC  
Classical Physics  
Laboratory  
(PHYC 200  
Electricity and Magnetism) |

| PHYSICS 7D  
Classical Physics  
Laboratory |

| PHYSICS 7LD  
Classical Physics  
Laboratory |

| ENGR 1A  
General Chemistry for Engineers  
(CHEM 141  
General Chemistry I) |
| CHEM 1B  
General Chemistry |
| CHEM 1C  
General Chemistry |
| CHEM 1LC  
General Chemistry  
Laboratory |
| CHEM 1LD  
General Chemistry  
Laboratory |

| OR |

| CHEM 1A  
General Chemistry  
(CHEM 141  
General Chemistry I) |
| CHEM 1B  
General Chemistry  
(CHEM 142  
General Chemistry II) |
| CHEM 1C  
General Chemistry |
| CHEM 1LC  
General Chemistry  
Laboratory |
| CHEM 1LD  
General Chemistry  
Laboratory |

| OR |

| ENGRCEE 20  
Engineering Problem Solving |

| ENGRCEE 11  
Methods II: Probability and Statistics  
(MATH 160  
Elementary Statistics) |

| ENGRMAE 30  
Statics  
Same as: ENGR 30, ENGRCEE 30  
(ENGR 200  
Engineering Mechanics) |

| ENGRCEE 81A  
Civil Engineering Practicum I |

| MAJOR PREPARATION COURSES NECESSARY TO GRADUATE IN 2 YEARS |

| ENGRCEE 11  
Methods II: Probability and Statistics  
(MATH 160  
Elementary Statistics) |

| ENGRMAE 30  
Statics  
Same as: ENGR 30, ENGRCEE 30  
(ENGR 200  
Engineering Mechanics) |

| ENGRCEE 81A  
Civil Engineering Practicum I |

| ADDITIONAL MAJOR REQUIREMENTS |

| CHEM 51A  
Organic Chemistry  
(CHEM 231  
Organic Chemistry I) |

| ENGRCEE 21  
Computational Problem Solving |

| ENGRCEE 81B  
Civil Engineering Practicum II |
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<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Articulation</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>ECON 20A</td>
<td>Basic Economics I</td>
<td>4</td>
<td>ECON 121 Principles of Microeconomics AND ECON 120 Principles of Macroeconomics</td>
</tr>
<tr>
<td>ECON 20B</td>
<td>Basic Economics II</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>ENGRCEE 60</td>
<td>Contemporary and Emerging Environmental Challenges OR SOCECOL E8 Introduction to Environmental Analysis and Design</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 42</td>
<td>Origin of Life OR BIO SCI 93 From DNA to Organisms</td>
<td>4</td>
<td>No course articulated OR BIO 230 Principles of Cellular, Molecular and Evolutionary Biology</td>
</tr>
<tr>
<td>EARTHSS 15</td>
<td>Introduction to Global Climate Change OR EARTHSS 19 Introduction to Modeling the Earth System</td>
<td>4</td>
<td>No course articulated OR</td>
</tr>
<tr>
<td>CBEMS 45A</td>
<td>Chemical Processing and Materials Balances</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>EECS 70A</td>
<td>Network Analysis I</td>
<td>4</td>
<td>ENGR 210 Electric Circuits</td>
</tr>
<tr>
<td>ENGR 7A</td>
<td>Introduction to Engineering I AND ENGR 7B Introduction to Engineering II</td>
<td>2</td>
<td>No course articulated AND</td>
</tr>
<tr>
<td>ENGR 54</td>
<td>Principles of Materials Science and Engineering</td>
<td>4</td>
<td>ENGR 260 Engineering Materials</td>
</tr>
<tr>
<td>ENGRMAE 80</td>
<td>Dynamics</td>
<td>4</td>
<td>ENGR 220 Engineering Mechanics</td>
</tr>
</tbody>
</table>

ADDITIONAL MAJOR ELECTIVES

Two courses from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Articulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 42</td>
<td>Origin of Life OR BIO SCI 93 From DNA to Organisms</td>
<td>4</td>
<td>No course articulated OR BIO 230 Principles of Cellular, Molecular and Evolutionary Biology</td>
</tr>
<tr>
<td>EARTHSS 15</td>
<td>Introduction to Global Climate Change OR EARTHSS 19 Introduction to Modeling the Earth System</td>
<td>4</td>
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</tr>
<tr>
<td>CBEMS 45A</td>
<td>Chemical Processing and Materials Balances</td>
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</tr>
<tr>
<td>EECS 70A</td>
<td>Network Analysis I</td>
<td>4</td>
<td>ENGR 210 Electric Circuits</td>
</tr>
<tr>
<td>ENGR 7A</td>
<td>Introduction to Engineering I AND ENGR 7B Introduction to Engineering II</td>
<td>2</td>
<td>No course articulated AND</td>
</tr>
<tr>
<td>ENGR 54</td>
<td>Principles of Materials Science and Engineering</td>
<td>4</td>
<td>ENGR 260 Engineering Materials</td>
</tr>
<tr>
<td>ENGRMAE 80</td>
<td>Dynamics</td>
<td>4</td>
<td>ENGR 220 Engineering Mechanics</td>
</tr>
</tbody>
</table>
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| From: Cuyamaca College  

|.valueOf()  
|.valueOf()  
|.valueOf()  

Same as: ENGR 80, ENGRCEE 80  
| - Dynamics  

|.valueOf()  
|.valueOf()  

END OF ENVIRONMENTAL ENGINEERING
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To: UC Irvine  | From: Cuyamaca 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

<table>
<thead>
<tr>
<th>STAT 7</th>
<th>Basic Statistics (4)</th>
<th>MATH 160</th>
<th>Elementary Statistics (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OR</td>
<td>BIO 215</td>
<td>OR</td>
<td>Statistics for Life Sciences (3)</td>
</tr>
<tr>
<td>OR</td>
<td>PSY 215</td>
<td>OR</td>
<td>Statistics for the Behavioral Sciences (4)</td>
</tr>
</tbody>
</table>

OR

<table>
<thead>
<tr>
<th>STAT 8</th>
<th>Introduction to Biological Statistics (4)</th>
<th>MATH 160</th>
<th>Elementary Statistics (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OR</td>
<td>BIO 215</td>
<td>OR</td>
<td>Statistics for Life Sciences (3)</td>
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<td>Statistics for the Behavioral Sciences (4)</td>
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<table>
<thead>
<tr>
<th>OR</th>
<th>OR</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCECOL E8 Introduction to Environmental Analysis and Design (4)</td>
<td>BIO 112 Contemporary Issues in Environmental Resources (3)</td>
</tr>
<tr>
<td>OR</td>
<td>OR</td>
</tr>
<tr>
<td>SOCECOL 13 Statistical Analysis in Social Ecology (4)</td>
<td>BIO 215 Statistics for Life Sciences (3)</td>
</tr>
<tr>
<td>OR</td>
<td>OR</td>
</tr>
<tr>
<td>OR</td>
<td>OR</td>
</tr>
<tr>
<td>MATH 160 Elementary Statistics (4)</td>
<td>PSY 215 Statistics for the Behavioral Sciences (4)</td>
</tr>
</tbody>
</table>

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**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

| CHEM 1A & General Chemistry (4) | CHEM 141 & General Chemistry I (5) |
| CHEM 1B & General Chemistry (4) | CHEM 142 General Chemistry II (5) |
| CHEM 1C & General Chemistry (4) |
| CHEM 1LC & General Chemistry Laboratory (2) |
| CHEM 1LD General Chemistry Laboratory (2) |

| BIO SCI 93 From DNA to Organisms (4) | BIO 230 Principles of Cellular, Molecular and Evolutionary Biology (4) |
| AND | AND |
| BIO SCI 94 From Organisms to Ecosystems (4) | BIO 240 Principles of Ecology, Evolution and Organismal Biology (5) |

| PHYSICS 3A & Basic Physics (4) | PHYC 130 & Fundamentals of Physics (4) |
| PHYSICS 3B & Basic Physics (4) |
| PHYSICS 3LB & Basic Physics (1.5) | PHYC 131 Fundamentals of Physics (4) |
| Laboratory |
| PHYSICS 3C & Basic Physics (4) |
| PHYSICS 3LC Basic Physics Laboratory (1.5) |
| OR | OR |
| PHYSICS 7C & Classical Physics (4) | PHYC 190 & Mechanics and Heat (5) |
| PHYSICS 7LC & Classical Physics Laboratory (1) | PHYC 200 & Electricity and Magnetism (5) |
| PHYSICS 7D & Classical Physics (4) | PHYC 210 Wave Motion and Modern Physics (5) |
| PHYSICS 7LD & Classical Physics Laboratory (1) |
| PHYSICS 7E Classical Physics (4) |

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

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**END OF ENVIRONMENTAL SCIENCE AND POLICY**
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================================================================================  
= 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

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

**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 141 | General Chemistry I | (5) |
| CHEM 1B  | General Chemistry | (4) | CHEM 142 | General Chemistry II | (5) |
| CHEM 1C  | General Chemistry | (4) |
| CHEM 1LC | General Chemistry | (2) |
| CHEM 1LD | General Chemistry | (2) |

**OR**

| BIO SCI 93 | From DNA to Organisms | (4) | BIO 230 | OR Principles of Cellular, (4) Molecular and Evolutionary Biology |
| AND        |                         |     |         | AND Principles of Ecology, (5) Evolution and Organismal Biology |

| BIO SCI 94 | From Organisms to Ecosystems | (4) | BIO 240 |
| AND        |                             |     |         |

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**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

One course from:  | One course from:
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<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EARTHSS 1</td>
<td>The Physical Environment (4)</td>
<td>GEOL 104 &amp; Earth Science (3)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>GEOL 121 Physical Geography: (1) Earth Systems</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Laboratory</td>
<td></td>
</tr>
<tr>
<td>EARTHSS 3</td>
<td>Oceanography (4)</td>
<td>OCEA 112 Introduction to Oceanography (3)</td>
<td></td>
</tr>
<tr>
<td>EARTHSS 5</td>
<td>The Atmosphere (4)</td>
<td>No course articulated</td>
<td></td>
</tr>
<tr>
<td>EARTHSS 7</td>
<td>Physical Geology (5)</td>
<td>No course articulated</td>
<td></td>
</tr>
</tbody>
</table>

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

Three courses from:
| Two courses from: |
| MATH 2A Single-Variable Calculus (4) | MATH 180 Analytic Geometry and Calculus I (5) |
| MATH 2B Single-Variable Calculus (4) | MATH 280 Analytic Geometry and Calculus II (4) |
| MATH 4 Mathematics for Economists (4) | MATH 281 & Multivariable Calculus (4) |
| | MATH 284 Linear Algebra (3) |
| STATS 7 Basic Statistics (4) | MATH 160 Elementary Statistics (4) |
| | OR |
| | BIO 215 Statistics for Life Sciences (3) |
| | OR |
| | PSY 215 Statistics for the Behavioral Sciences (4) |
| SOC SCI 9A General Statistics and Probability I (4) | No course articulated |
| SOC SCI 9B General Statistics and Probability II (4) | No course articulated |
| SOC SCI 9C General Statistics and Probability III (4) | No course articulated |
| ECON 15A Probability and Statistics in Economics I (4) | No course articulated-Course to be completed at UCI |
| ECON 15B Probability and Statistics in Economics II (4) | No course articulated-Course to be completed at UCI |

Four courses from:
| Four courses from: |
| ECON 13 Global Economy (4) | No course articulated |
| Same as: INTL ST 13 |
| ECON 20A Basic Economics I (4) | ECON 121 Principles of Microeconomics (3) |
| ECON 20B Basic Economics II (4) | ECON 120 Principles of Macroeconomics (3) |
| SOCIOL 1 Introduction to Sociology (4) | SOC 120 Introductory Sociology (3) |
| SOCIOL 2 Global and International (4) | No course articulated |
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<table>
<thead>
<tr>
<th>Sociology</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCIOL 3 Introduction to Social Problems (4)</td>
<td>SOC 130 Contemporary Social Problems (3)</td>
</tr>
<tr>
<td>PPD 4 Introduction to Urban Studies (4)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

Two elective courses from: Two elective courses from:
BIO SCI 20 California Natural History (4) | No course articulated |
BIO SCI 55 Introduction to Ecology (4) | No course articulated |
BIO SCI 65 Biodiversity and Conservation (4) | No course articulated |
BIO SCI 97 Genetics (4) | BIO 124 Human Genetics in Modern Society (4) |
BIO SCI 98 Biochemistry (4) | No course articulated |
BIO SCI 99 Molecular Biology (4) | No course articulated |
CHEM 51A Organic Chemistry (4) | CHEM 231 Organic Chemistry I (5) |
CHEM 51LB Organic Chemistry Laboratory (2) |
CHEM 51B Organic Chemistry (4) | CHEM 231 Organic Chemistry I (5) |
CHEM 51C Organic Chemistry (4) | CHEM 232 Organic Chemistry II (5) |
CHEM 51LC Organic Chemistry Laboratory (2) |
PHYSICS 3A Basic Physics (4) | PHYC 130 Fundamentals of Physics (4) |
PHYSICS 3B Basic Physics (4) | PHYC 130 Fundamentals of Physics (4) |
PHYSICS 3LB Basic Physics Laboratory (1.5) | PHYC 131 Fundamentals of Physics (4) |
PHYSICS 3C Basic Physics (4) |
PHYSICS 3LC Basic Physics Laboratory (1.5) |
PHYSICS 7C Classical Physics (4) | PHYC 130 Fundamentals of Physics (4) |
PHYSICS 7LC Classical Physics Laboratory (1) | OR PHYC 190 Mechanics and Heat (5) |
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 |

Two elective courses from: Two elective courses from:
SOCIOL 31 Introduction to Social Psychology (4) | PSY 138 Social Psychology (3) |
Same as: PSYCH 78A |
SOCIOL 43 Urban Sociology (4) | No course articulated |
SOCIOL 44 Population (4) | No course articulated |

END OF ENVIRONMENTAL SCIENCE
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Articulation Agreement by Major  
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To: UC Irvine  |  From: Cuyamaca 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)
### Articulation Agreement by Major

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

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

To: UC Irvine  
From: Cuyamaca College

<table>
<thead>
<tr>
<th>History 70B</th>
<th>Problems in History:</th>
<th>(4)</th>
<th>HIST 105</th>
<th>Early Western Civilization</th>
<th>(3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td><strong>OR</strong></td>
<td></td>
<td>HIST 106</td>
<td>Modern Western Civilization</td>
<td>(3)</td>
</tr>
</tbody>
</table>

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

- FREN 221 French IV (5)
- OR
- SPAN 221 Spanish IV (5)

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

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

**LOWER-DIVISION WRITING**

- ENGL 120 College Composition and Reading (3)
- ENGL 124 Advanced Composition: Critical Reasoning and Writing (3)

**ENGLISH LITERATURE**

- ENGL 122 Introduction to Literature (3)
- ENGL 214 Masterpieces of Drama (3)
- ENGL 221 British Literature I (3)
- ENGL 222 British Literature II (3)
- ENGL 231 American Literature I (3)
- ENGL 232 American Literature II (3)
- ENGL 270 World Literature I (3)
- ENGL 271 World Literature II (3)

**HISTORY**

- HIST 100 Early World History (3)
- HIST 101 Modern World History (3)
- HIST 105 Early Western Civilization (3)
- HIST 106 Modern Western Civilization (3)
- HIST 108 Early American History (3)
- HIST 109 Modern American History (3)

**PHILOSOPHY**

- PHIL 110 A General Introduction to Philosophy (3)
- PHIL 115 History of Philosophy I: Ancient (3)
- PHIL 117 History of Philosophy (3)
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| II: Modern and Contemporary |
| PHIL 140 Problems In Ethics (3) |
| PHIL 170 Philosophy of Religion: A Cross-Cultural Introduction |

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 EUROPEAN STUDIES
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===============================================

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

Students interested in this major must meet the following requirements:

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

Recommended:

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

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

Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level): ARBC 221 Arabic IV (5)

OR

ASL 221 American Sign Language IV

OR

FREN 221 French IV (5)

OR
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<table>
<thead>
<tr>
<th>SPAN 221</th>
<th>Spanish IV (5)</th>
</tr>
</thead>
</table>

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

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

**LOWER-DIVISION WRITING**

- ENGL 120 College Composition (3) and Reading
- ENGL 124 Advanced Composition: Critical Reasoning and Writing

**ENGLISH LITERATURE**

- ENGL 122 Introduction to Literature (3)
- ENGL 214 Masterpieces of Drama (3)
- ENGL 221 British Literature I (3)
- ENGL 222 British Literature II (3)
- ENGL 231 American Literature I (3)
- ENGL 232 American Literature II (3)
- ENGL 270 World Literature I (3)
- ENGL 271 World Literature II (3)

**HISTORY**

- HIST 100 Early World History (3)
- HIST 101 Modern World History (3)
- HIST 105 Early Western Civilization (3)
- HIST 106 Modern Western Civilization (3)
- HIST 108 Early American History (3)
- HIST 109 Modern American History (3)

**PHILOSOPHY**

- PHIL 110 A General Introduction to Philosophy (3)
- PHIL 115 History of Philosophy I: Ancient (3)
- PHIL 117 History of Philosophy II: Modern and Contemporary (3)
- PHIL 140 Problems In Ethics (3)
- PHIL 170 Philosophy of Religion: A Cross-Cultural Introduction (3)

OR

**HUMANITIES**

- HUMAN 1A & Humanities Core Lecture (4)
- HUMAN 1B & Humanities Core Lecture (4)
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<table>
<thead>
<tr>
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<td>HUMAN 1C</td>
<td>Humanities Core Lecture</td>
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<tr>
<td>HUMAN 1AS</td>
<td>Humanities Core Writing</td>
<td>(4)</td>
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<tr>
<td>HUMAN 1BS</td>
<td>Humanities Core Writing</td>
<td>(4)</td>
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<td>HUMAN 1CS</td>
<td>Humanities Core Writing</td>
<td>(4)</td>
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</table>

END OF FILM AND MEDIA STUDIES
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Effective during the 18-19 Academic Year  
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To: UC Irvine  
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================================================================================  
====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>FRENCH 1A</th>
<th>Fundamentals of French</th>
<th>(5)</th>
<th>FREN 120</th>
<th>French I</th>
<th>(5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 1B</td>
<td>Fundamentals of French</td>
<td>(5)</td>
<td>FREN 121</td>
<td>French II</td>
<td>(5)</td>
</tr>
<tr>
<td>FREN 1C</td>
<td>Fundamentals of French</td>
<td>(5)</td>
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</table>

<table>
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<th>Intermediate French</th>
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<th>FREN 220</th>
<th>French III</th>
<th>(5)</th>
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</thead>
<tbody>
<tr>
<td>FREN 2B</td>
<td>Intermediate French</td>
<td>(4)</td>
<td>FREN 221</td>
<td>French IV</td>
<td>(5)</td>
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<tr>
<td>FREN 2C</td>
<td>Intermediate French</td>
<td>(4)</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>LOWER-DIVISION WRITING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 120 College Composition</td>
</tr>
<tr>
<td>ENGL 124 Advanced Composition</td>
</tr>
</tbody>
</table>
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| Critical Reasoning and Writing |

### ENGLISH LITERATURE

| ENGL 122 Introduction to Literature (3) |
| ENGL 214 Masterpieces of Drama (3) |
| ENGL 221 British Literature I (3) |
| ENGL 222 British Literature II (3) |
| ENGL 231 American Literature I (3) |
| ENGL 232 American Literature II (3) |
| ENGL 270 World Literature I (3) |
| ENGL 271 World Literature II (3) |

### HISTORY

| HIST 100 Early World History (3) |
| HIST 101 Modern World History (3) |
| HIST 105 Early Western Civilization (3) |
| HIST 106 Modern Western Civilization (3) |
| HIST 108 Early American History (3) |
| HIST 109 Modern American History (3) |

### PHILOSOPHY

| PHIL 110 A General Introduction to Philosophy (3) |
| PHIL 115 History of Philosophy I: Ancient (3) |
| PHIL 117 History of Philosophy II: Modern and Contemporary (3) |
| PHIL 140 Problems in Ethics (3) |
| PHIL 170 Philosophy of Religion: A Cross-Cultural Introduction (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 FRENCH
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  
To: UC Irvine  
From: Cuyamaca 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  
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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 |
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| quarter of study in a single language other than English (at the college level) |
|---------------------------------|---------------------------------|
| ARBC 221 Arabic IV (5)          | OR                              |
| ASL 221 American Sign Language IV (4) | OR                              |
| FREN 221 French IV (5)          | OR                              |
| SPAN 221 Spanish IV (5)         |

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

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

**LOWER-DIVISION WRITING**

| ENGL 120 College Composition and Reading (3) |
| ENGL 124 Advanced Composition: Critical Reasoning and Writing (3) |

**ENGLISH LITERATURE**

| ENGL 122 Introduction to Literature (3) |
| ENGL 214 Masterpieces of Drama (3) |
| ENGL 221 British Literature I (3) |
| ENGL 222 British Literature II (3) |
| ENGL 231 American Literature I (3) |
| ENGL 232 American Literature II (3) |
| ENGL 270 World Literature I (3) |
| ENGL 271 World Literature II (3) |

**HISTORY**

| HIST 100 Early World History (3) |
| HIST 101 Modern World History (3) |
| HIST 105 Early Western Civilization (3) |
| HIST 106 Modern Western Civilization (3) |
| HIST 108 Early American History (3) |
| HIST 109 Modern American History (3) |

**PHILOSOPHY**

| PHIL 110 A General Introduction to Philosophy (3) |
| PHIL 115 History of Philosophy I: Ancient (3) |
| PHIL 117 History of Philosophy II: Modern and Contemporary (3) |
| PHIL 140 Problems In Ethics (3) |
Articulation Agreement by Major  
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|================================================================================|
| PHIL 170    Philosophy of Religion: A Cross-Cultural Introduction |
| OR |
| HUMAN 1A   &  Humanities Core Lecture (4) |
| OR |
| 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) |

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END OF GENDER AND SEXUALITY STUDIES
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==========================================================================

====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

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

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

<table>
<thead>
<tr>
<th>BIO SCI 93</th>
<th>From DNA to Organisms (4)</th>
<th>BIO 230</th>
<th>Principles of Cellular, Molecular and Evolutionary Biology</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>BIO SCI 94</th>
<th>From Organisms to Ecosystems (4)</th>
<th>BIO 240</th>
<th>Principles of Ecology, Evolution and Organismal Biology</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Cuyamaca College Courses</th>
<th>UC Irvine Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1A &amp; General Chemistry (4)</td>
<td>CHEM 141 &amp; General Chemistry I (5)</td>
</tr>
<tr>
<td>CHEM 1B &amp; General Chemistry (4)</td>
<td>CHEM 142 General Chemistry II (5)</td>
</tr>
<tr>
<td>CHEM 1C &amp; General Chemistry (4)</td>
<td></td>
</tr>
<tr>
<td>CHEM 1LC &amp; General Chemistry (2)</td>
<td>Laboratory</td>
</tr>
<tr>
<td>CHEM 1LD General Chemistry (2)</td>
<td>Laboratory</td>
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</table>

<table>
<thead>
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</thead>
<tbody>
<tr>
<td>---</td>
</tr>
<tr>
<td>CHEM 51A &amp; Organic Chemistry (4)</td>
</tr>
<tr>
<td>CHEM 51LB Organic Chemistry (2)</td>
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<tbody>
<tr>
<td>---</td>
</tr>
<tr>
<td>CHEM 51B &amp; Organic Chemistry (4)</td>
</tr>
<tr>
<td>CHEM 51C &amp; Organic Chemistry (4)</td>
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<tr>
<td>CHEM 51LC Organic Chemistry (2)</td>
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**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

<table>
<thead>
<tr>
<th>Cuyamaca College Courses</th>
<th>UC Irvine Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 97 Genetics (4)</td>
<td>BIO 124 Human Genetics in Modern Society (4)</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>Cuyamaca College Courses</th>
<th>UC Irvine Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A &amp; Single-Variable Calculus (4)</td>
<td>MATH 180 Analytic Geometry and Calculus I (5)</td>
</tr>
<tr>
<td>MATH 2B Single-Variable Calculus (4)</td>
<td></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 160 Elementary Statistics (4)</td>
</tr>
<tr>
<td>STATS 8 Introduction to Biological Statistics (4)</td>
<td>BIO 215 Statistics for Life Sciences (3)</td>
</tr>
<tr>
<td>MATH 2D Multivariable Calculus (4)</td>
<td>PSY 215 Statistics for the Behavioral Sciences (4)</td>
</tr>
<tr>
<td>MATH 3A Introduction to Linear Algebra (4)</td>
<td>MATH 281 Multivariable Calculus (4)</td>
</tr>
<tr>
<td>MATH 3B Linear Algebra (4)</td>
<td>MATH 284 Linear Algebra (3)</td>
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<table>
<thead>
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<tbody>
<tr>
<td>---</td>
</tr>
<tr>
<td>PHYSICS 3A &amp; Basic Physics (4)</td>
</tr>
<tr>
<td>PHYSICS 3B &amp; Basic Physics (4)</td>
</tr>
<tr>
<td>PHYSICS 3LB Basic Physics (1.5)</td>
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</table>
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<table>
<thead>
<tr>
<th>To: UC Irvine</th>
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</tr>
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</table>

<table>
<thead>
<tr>
<th>Laboratory</th>
<th>Physics</th>
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</thead>
<tbody>
<tr>
<td><strong>PHYSICS 3C &amp;</strong> Basic Physics</td>
<td>(4)</td>
</tr>
<tr>
<td><strong>PHYSICS 3LC</strong> Basic Physics</td>
<td>(1.5)</td>
</tr>
<tr>
<td><strong>OR</strong></td>
<td><strong>OR</strong></td>
</tr>
<tr>
<td><strong>PHYSICS 7C &amp;</strong> Classical Physics</td>
<td>(4)</td>
</tr>
<tr>
<td><strong>OR</strong></td>
<td><strong>PHYC 190 &amp;</strong> Mechanics and Heat</td>
</tr>
<tr>
<td><strong>PHYSICS 7LC &amp;</strong> Classical Physics</td>
<td>(1)</td>
</tr>
<tr>
<td><strong>PHYC 200</strong> Electricity and Magnetism</td>
<td>(5)</td>
</tr>
<tr>
<td><strong>PHYSICS 7D &amp;</strong> Classical Physics</td>
<td>(4)</td>
</tr>
<tr>
<td><strong>PHYSICS 7LD &amp;</strong> Classical Physics</td>
<td>(1)</td>
</tr>
<tr>
<td><strong>Laboratory</strong></td>
<td></td>
</tr>
<tr>
<td><strong>PHYSICS 7E</strong> Classical Physics</td>
<td>(4)</td>
</tr>
</tbody>
</table>

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

To: UC Irvine  |  From: Cuyamaca College

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

====German Studies, B.A.====

Students interested in this major must meet the following requirements:

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

Recommended:

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

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

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

GERMAN 1A Fundamentals of German (5)| No course articulated
GERMAN 1B Fundamentals of German (5)|
GERMAN 1C Fundamentals of German (5)|

GERMAN 2A Intermediate German (4)| No course articulated
GERMAN 2B Intermediate German (4)|
GERMAN 2C Intermediate German (4)|

EURO ST 10 Historical Foundations (4)| No course articulated

EURO ST 11 Contemporary Issues and Institutions (4)| No course articulated

LINGUIS 3 Introduction to Linguistics (4)| No course articulated

At least one course from each area for a | At least one course from each area
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine
From: Cuyamaca College

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>
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<tbody>
<tr>
<td>ENGL 120 College Composition (3) and Reading</td>
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<td>PHIL 115 History of Philosophy: Ancient (3)</td>
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<tr>
<td>PHIL 117 History of Philosophy: Modern and Contemporary (3)</td>
</tr>
<tr>
<td>PHIL 140 Problems in Ethics (3)</td>
</tr>
<tr>
<td>PHIL 170 Philosophy of Religion: A Cross-Cultural Introduction (3)</td>
</tr>
</tbody>
</table>

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)

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: Cuyamaca College

HUMAN 1CS  Humanities Core Writing  (4)

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

To: UC Irvine | From: Cuyamaca 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 100  Early World History    (3)
HISTORY 21B  World: Empires and     (4)|HIST 101    Modern World History   (3)
                            Revolutions
HISTORY 21C  World: Wars and Rights (4)

Course work equivalent to UCI's sixth quarter of study in a single language |ARBC 221 Arabic IV (5)
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: Cuyamaca College

| ASL 221     American Sign Language (4) |
| OR
| FREN 221    French IV              (5) |
| OR
| SPAN 221    Spanish IV             (5) |

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

- LOWER-DIVISION WRITING
  - ENGL 120    College Composition and Reading (3)
  - ENGL 124    Advanced Composition: Critical Reasoning and Writing (3)

- ENGLISH LITERATURE
  - ENGL 122    Introduction to Literature (3)
  - ENGL 214    Masterpieces of Drama (3)
  - ENGL 221    British Literature I (3)
  - ENGL 222    British Literature II (3)
  - ENGL 231    American Literature I (3)
  - ENGL 232    American Literature II (3)
  - ENGL 270    World Literature I (3)
  - ENGL 271    World Literature II (3)

- HISTORY
  - HIST 100    Early World History (3)
  - HIST 101    Modern World History (3)
  - HIST 105    Early Western Civilization (3)
  - HIST 106    Modern Western Civilization (3)
  - HIST 108    Early American History (3)
  - HIST 109    Modern American History (3)

- PHILOSOPHY
  - PHIL 110    A General Introduction to Philosophy (3)
  - PHIL 115    History of Philosophy I: Ancient (3)
  - PHIL 117    History of Philosophy II: Modern and Contemporary (3)
  - PHIL 140    Problems In Ethics (3)
  - PHIL 170    Philosophy of Religion: A (3)
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Cuyamaca College

================================================================================
| Cross-Cultural |
| Introduction |
| | 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 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: Cuyamaca 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

<table>
<thead>
<tr>
<th>Course</th>
<th>Humanities and Arts:</th>
<th>Credits</th>
<th>Articulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLBL ME 60A</td>
<td>Problems and Methods</td>
<td>4</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>for Global Middle East Studies</td>
<td></td>
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<tr>
<th>Course</th>
<th>Social Sciences:</th>
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<tbody>
<tr>
<td>GLBL ME 60B</td>
<td>Problems and Methods</td>
<td>4</td>
<td>None</td>
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<table>
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<tr>
<th>Course</th>
<th>Social Ecology and Sciences: Problems and Methods for Global Middle East Studies</th>
<th>Credits</th>
<th>Articulation</th>
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<tbody>
<tr>
<td>GLBL ME 60C</td>
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<td>None</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: Cuyamaca 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:

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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: Cuyamaca College

| PHIL 117    History of Philosophy (3) |
| PHIL 140    Problems In Ethics (3)    |
| PHIL 170    Philosophy of Religion: A |
|            Cross-Cultural Introduction |

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: Cuyamaca 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

<table>
<thead>
<tr>
<th>Two courses from:</th>
<th>One course from the list below: (NOTE: A second course in another region MUST be completed at UCI.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HISTORY 70A</td>
<td>Problems in History: Asia (4) No course articulated</td>
</tr>
<tr>
<td>HISTORY 70B</td>
<td>Problems in History: Europe (4) HIST 105 Early Western Civilization (3)</td>
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<td>HIST 106 Modern Western Civilization (3)</td>
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Articulation Agreement by Major
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To: UC Irvine
From: Cuyamaca College

| HISTORY 70C | Problems in History: United States (4) | HIST 108 Early American History (3) |
| HIST 109 Modern American History (3) |
| HISTORY 70D | Problems in History: Latin America (4) |
| HIST 100 Early World History (3) |
| HISTORY 70E | Problems in History: Middle East and Africa (4) |
| HIST 101 Modern World History (3) |
| HISTORY 70F | Problems in History: Transregional History (4) |
| HIST 102 Early World History (3) |
| HIST 103 Modern World History (3) |
| HIST 104 Early American History (3) |
| HIST 105 Modern American History (3) |

Up to four additional History courses:

| HIST 100 Early World History (3) |
| HIST 101 Modern World History (3) |
| HIST 105 Early Western Civilization (3) |
| HIST 106 Modern Western Civilization (3) |
| HIST 108 Early American History (3) |
| HIST 109 Modern American History (3) |
| HIST 118 U.S. History: Chicano/Chicana Perspectives I (3) |
| HIST 119 U.S. History: Chicano/Chicana Perspectives II (3) |
| HIST 122 Women in Early American History (3) |
| HIST 123 Women in Modern America History (3) |
| HIST 124 History of California (3) |
| HIST 130 U.S. History and Cultures: Native American Perspectives I (3) |
| HIST 131 U.S. History and Cultures: Native American Perspectives II (3) |
| HIST 132 Kumeyaay History I: Precontact - 1900 (3) |
| HIST 133 Kumeyaay History II: 1900 - Present (3) |
| HIST 180 U.S. History: Black Perspectives I (3) |
| HIST 181 U.S. History: Black Perspectives II (3) |
| HIST 275 A Historical Period (3) |
| HIST 276 A Geographical Area (3) |
| HIST 277 An Historical Theme (3) |
Articulation Agreement by Major
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To: UC Irvine  |  From: Cuyamaca College

| Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level) |
| ARBC 221 Arabic IV (5) |
| OR |
| ASL 221 American Sign Language IV (4) |
| OR |
| FREN 221 French IV (5) |
| OR |
| SPAN 221 Spanish IV (5) |

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

**LOWER-DIVISION WRITING**

| WRITING |
| ENGL 120 College Composition and Reading (3) |
| OR |
| ENGL 124 Advanced Composition: Critical Reasoning and Writing (3) |

**ENGLISH LITERATURE**

| LITERATURE |
| ENGL 122 Introduction to Literature (3) |
| OR |
| ENGL 214 Masterpieces of Drama (3) |
| OR |
| ENGL 221 British Literature I (3) |
| OR |
| ENGL 222 British Literature II (3) |
| OR |
| ENGL 231 American Literature I (3) |
| OR |
| ENGL 232 American Literature II (3) |
| OR |
| ENGL 270 World Literature I (3) |
| OR |
| ENGL 271 World Literature II (3) |

**HISTORY**

| HISTORY |
| HIST 100 Early World History (3) |
| OR |
| HIST 101 Modern World History (3) |
| OR |
| HIST 105 Early Western Civilization (3) |
| OR |
| HIST 106 Modern Western Civilization (3) |
| OR |
| HIST 108 Early American History (3) |
| OR |
| HIST 109 Modern American History (3) |

**PHILOSOPHY**

| PHILOSOPHY |
| PHIL 110 A General Introduction to Philosophy (3) |
| OR |
| PHIL 115 History of Philosophy I: Ancient (3) |
| OR |
| PHIL 117 History of Philosophy II: Modern and Contemporary (3) |
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
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To: UC Irvine  |  From: Cuyamaca College  

| PHIL 140    | Problems In Ethics    | (3) |
| PHIL 170    | Philosophy of Religion: A | (3) |
|            | Cross-Cultural Introduction | |

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

To: UC Irvine  |  From: Cuyamaca College

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

====History, with a specialization in History for Future Teachers, B.A.====

Students interested in this major must meet the following requirements:

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

Recommended:

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

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

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

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

NOTE: UC credit limitations may apply to courses with duplicative content. Please refer to the list of the college's UC transferable courses for details about credit limitations.

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

For information 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 100  | Early World History (3) |
| HISTORY 21B  | World: Empires and Revolutions (4) | HIST 101 | Modern World History (3) |
| HISTORY 21C  | World: Wars and Rights (4) | OR | OR |
| HISTORY 40A  | Colonial America: New Worlds (4) | HIST 108 | Early American History (3) |
| HISTORY 40B  | Nineteenth-Century U.S.: Crisis and Expansion (4) | HIST 109 | Modern American History (3) |
Articulation Agreement by Major  
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HISTORY 40C  Modern America: (4)  |  
Culture and Power  |

HISTORY 70C  Problems in History: (4)  |  For this specialization, course to be completed at UCI
United States  |

Two additional courses from:  |  Two additional courses from:  
HISTORY 70A  Problems in History: (4)  |  No course articulated
Asia  |

HISTORY 70B  Problems in History: (4)  |  HIST 105  Early Western Civilization (3)
Europe  |  HIST 106  Modern Western Civilization (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 100  Early World History (3)
Transregional History  |  HIST 101  Modern World History (3)

Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level)  |  ARBC 221  Arabic IV (5)
|  OR  
|  ASL 221  American Sign Language IV (4)
|  OR  
|  FREN 221  French IV (5)
|  OR  
|  SPAN 221  Spanish IV (5)

At least one course from each area for a total of four semester or six quarter courses:  |  At least one course from each area (Writing, Literature, History, and Philosophy) for a total of four semester courses:
LOWER-DIVISION WRITING  |
|  WRITING  |
|  ENGL 120  College Composition and Reading (3)  |
|  ENGL 124  Advanced Composition: Critical Reasoning and Writing (3)  |

ENGLISH LITERATURE  |
|  LITERATURE  |
|  ENGL 122  Introduction to Literature (3)  |
|  ENGL 214  Masterpieces of Drama (3)  |
|  ENGL 221  British Literature I (3)  |
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|  ENGL 231  American Literature I (3)  |
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|  ENGL 270  World Literature I (3)  |
|  ENGL 271  World Literature II (3)  |
Articulation Agreement by Major
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Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine  |  From: Cuyamaca College

================================================================================
| HISTORY                                  | HISTORY
| HIST 100   Early World History    (3)       |
| HIST 101   Modern World History   (3)       |
| HIST 105   Early Western          (3)       |
|            Civilization             |
| HIST 106   Modern Western          (3)       |
|            Civilization             |
| HIST 108   Early American History (3)     |
| HIST 109   Modern American        (3)       |
|            History                 |

| PHILOSOPHY                                | PHILOSOPHY
| PHIL 110   A General Introduction (3)    |
|          to Philosophy                    |
| PHIL 115   History of Philosophy I: Ancient |
| PHIL 117   History of Philosophy II: Modern and Contemporary |
| PHIL 140   Problems in Ethics            |
| PHIL 170   Philosophy of Religion: A Cross-Cultural Introduction |

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, WITH A SPECIALIZATION IN HISTORY FOR FUTURE TEACHERS |
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Cuyamaca 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

--------------------------------------------------------------------------------
MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

ONE COLLEGE-LEVEL MATHEMATICS COURSE:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>I&amp;C SCI 6B</td>
<td>Boolean Algebra and Logic</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STATS 7</td>
<td>Basic Statistics</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 160</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIO 215</td>
<td>Statistics for Life Sciences</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 215</td>
<td>Statistics for Behavioral Sciences</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STATS 67</td>
<td>Introduction to Probability and Statistics for Computer Science</td>
<td>4</td>
</tr>
</tbody>
</table>

ADDITIONAL APPROVED COURSES FOR THE MAJOR

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</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:</td>
<td>CSE 41</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:</td>
<td>CSE 42</td>
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<tr>
<td>I&amp;C SCI 33</td>
<td>Intermediate Programming</td>
<td>4</td>
</tr>
<tr>
<td>Same as:</td>
<td>CSE 43</td>
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</tbody>
</table>

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

====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

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

END OF INNOVATION AND ENTREPRENEURSHIP (Minor in)

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

To: UC Irvine  
| From: Cuyamaca College

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

===International Studies, B.A.===

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

International Studies majors are also required to complete some form of international study experience, either abroad or through a domestic internship, for a minimum of one quarter. An honors program in International Studies is available. For information contact the School of Social Sciences at (949) 824-6803.

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

For information 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>Four courses from:</th>
<th>Four courses from:</th>
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<tbody>
<tr>
<td><strong>INTL ST 11</strong> Global Cultures and Society</td>
<td>**(4)</td>
</tr>
<tr>
<td>Same as: <strong>ANTHRO 41A</strong></td>
<td></td>
</tr>
<tr>
<td><strong>INTL ST 13</strong> Global Economy</td>
<td>**(4)</td>
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<tr>
<td>Same as: <strong>ECON 13</strong></td>
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<tr>
<td><strong>INTL ST 14</strong> Introduction to International Relations</td>
<td>**(4)</td>
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<tr>
<td>Same as: <strong>POL SCI 41A</strong></td>
<td></td>
</tr>
<tr>
<td><strong>HISTORY 21A</strong> World: Innovations</td>
<td>**(4)</td>
</tr>
<tr>
<td>OR <strong>HISTORY 21B</strong> World: Empires and Revolutions</td>
<td></td>
</tr>
<tr>
<td>OR <strong>HISTORY 21C</strong> World: Wars and Rights</td>
<td>**(4)</td>
</tr>
<tr>
<td><strong>ECON 20B</strong> Basic Economics II</td>
<td>**(4)</td>
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<tr>
<td><strong>ECON 120</strong> Principles of Macroeconomics</td>
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<table>
<thead>
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<th>One course from:</th>
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</thead>
<tbody>
<tr>
<td><strong>ANTHRO 2A</strong> Introduction to Sociocultural Anthropology</td>
<td>**(4)</td>
</tr>
<tr>
<td><strong>POL SCI 51A</strong> Introduction to Politics Around the World</td>
<td>**(4)</td>
</tr>
<tr>
<td><strong>REL STD 5A</strong> World Religions I</td>
<td>**(4)</td>
</tr>
<tr>
<td>Same as: <strong>HISTORY 16A</strong></td>
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</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:** Cuyamaca College

<table>
<thead>
<tr>
<th>REL STD 5B</th>
<th>World Religions II</th>
<th>(4)</th>
<th>RELG 120</th>
<th>World Religions</th>
<th>(3)</th>
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</thead>
<tbody>
<tr>
<td>Same as:</td>
<td>HISTORY 16B</td>
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<tr>
<td>SOC SCI 5D</td>
<td>U.S. and World</td>
<td>(4)</td>
<td>GEOG 106</td>
<td>World Regional</td>
<td>(3)</td>
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<tr>
<td>Geography</td>
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<td>Geography</td>
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</tr>
<tr>
<td>SOCIOL 2</td>
<td>Global and International</td>
<td>(4)</td>
<td>No course articulated</td>
<td></td>
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</table>

**Competency in a language other than English.** Competency is established by:

- ARBC 221 Arabic IV (5)
- OR
- FREN 221 French IV (5)
- OR
- SPAN 221 Spanish IV (5)

**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.

<table>
<thead>
<tr>
<th>MATH 2A &amp;</th>
<th>Single-Variable Calculus</th>
<th>(4)</th>
<th>MATH 180 &amp;</th>
<th>Analytic Geometry and Calculus I</th>
<th>(5)</th>
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</thead>
<tbody>
<tr>
<td>MATH 2B &amp;</td>
<td>Single-Variable Calculus</td>
<td>(4)</td>
<td>MATH 160</td>
<td>Elementary Statistics</td>
<td>(4)</td>
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<tr>
<td>STATS 7</td>
<td>Basic Statistics</td>
<td>(4)</td>
<td>BIO 215</td>
<td>Statistics for Life Sciences</td>
<td>(3)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>MGMT 7</td>
<td>Statistics for Business</td>
<td>(4)</td>
<td>PSY 215</td>
<td>Statistics for the Behavioral Sciences</td>
<td>(4)</td>
</tr>
<tr>
<td></td>
<td>Decision Making</td>
<td></td>
<td></td>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>SOC SCI 10A &amp;</td>
<td>Probability and Statistics in the Social Sciences I</td>
<td>(4)</td>
<td>No course articulated</td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>SOC SCI 10B &amp;</td>
<td>Probability and Statistics in the Social Sciences II</td>
<td>(4)</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
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<td>OR</td>
<td></td>
</tr>
<tr>
<td>SOC SCI 10C</td>
<td>Probability and Statistics in the Social Sciences III</td>
<td>(4)</td>
<td></td>
<td></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 INTERNATIONAL STUDIES**
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

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

==Japanese Language and Literature, B.A.==

Students interested in this major must meet the following requirements:

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

Recommended:

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

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

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

For information 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 Name</th>
<th>Credits</th>
<th>Articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>JAPANSE 1A &amp;</td>
<td>Fundamental Japanese</td>
<td>(5)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>JAPANSE 1B &amp;</td>
<td>Fundamental Japanese</td>
<td>(5)</td>
<td></td>
</tr>
<tr>
<td>JAPANSE 1C</td>
<td>Fundamental Japanese</td>
<td>(5)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>JAPANSE 2A &amp;</td>
<td>Intermediate Japanese</td>
<td>(5)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>JAPANSE 2B &amp;</td>
<td>Intermediate Japanese</td>
<td>(5)</td>
<td></td>
</tr>
<tr>
<td>JAPANSE 2C</td>
<td>Intermediate Japanese</td>
<td>(5)</td>
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</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>JAPANSE 3A &amp;</td>
<td>Advanced Japanese</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>JAPANSE 3B &amp;</td>
<td>Advanced Japanese</td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>JAPANSE 3C</td>
<td>Advanced Japanese</td>
<td>(4)</td>
<td></td>
</tr>
</tbody>
</table>

One additional course in Japanese | One course from: literature, culture, history, art |
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine  |  From: Cuyamaca 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

LOWER-DIVISION WRITING

| ENGL 120    College Composition    (3)  
| ENGL 124    Advanced Composition: Critical Reasoning and Writing (3)  

ENGLISH LITERATURE

| ENGL 122    Introduction to Literature (3)  
| ENGL 214    Masterpieces of Drama (3)  
| ENGL 221    British Literature I (3)  
| ENGL 222    British Literature II (3)  
| ENGL 231    American Literature I (3)  
| ENGL 232    American Literature II (3)  
| ENGL 270    World Literature I (3)  
| ENGL 271    World Literature II (3)  

HISTORY

| HIST 100    Early World History (3)  
| HIST 101    Modern World History (3)  
| HIST 105    Early Western Civilization (3)  
| HIST 106    Modern Western Civilization (3)  
| HIST 108    Early American History (3)  
| HIST 109    Modern American History (3)  

PHILOSOPHY

| PHIL 110    A General Introduction to Philosophy (3)  
| PHIL 115    History of Philosophy I: Ancient (3)  
| PHIL 117    History of Philosophy II: Modern and Contemporary (3)  
| PHIL 140    Problems in Ethics (3)  
| PHIL 170    Philosophy of Religion: A Cross-Cultural Introduction (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: Cuyamaca College

<table>
<thead>
<tr>
<th>Course</th>
<th>UC Irvine Credit</th>
<th>Cuyamaca College Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUMAN 1A</td>
<td>Humanities Core Lecture (4)</td>
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</tr>
<tr>
<td>HUMAN 1B</td>
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<td>HUMAN 1AS</td>
<td>Humanities Core Writing (4)</td>
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</tr>
<tr>
<td>HUMAN 1BS</td>
<td>Humanities Core Writing (4)</td>
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</tr>
<tr>
<td>HUMAN 1CS</td>
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</table>

END OF JAPANESE LANGUAGE AND LITERATURE
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  
To: UC Irvine | From: Cuyamaca College
=================================================================================================

====Korean Literature and Culture, B.A.====

Students interested in this major must meet the following requirements:

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

Recommended:

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

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

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

For information 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>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>KOREAN 1A</td>
<td>Fundamentals of Korean</td>
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<td>No course</td>
</tr>
<tr>
<td>KOREAN 1B</td>
<td>Fundamentals of Korean</td>
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<td>No course</td>
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<tr>
<td>KOREAN 1C</td>
<td>Fundamentals of Korean</td>
<td>5</td>
<td>No course</td>
</tr>
<tr>
<td>KOREAN 2A</td>
<td>Intermediate Korean</td>
<td>5</td>
<td>No course</td>
</tr>
<tr>
<td>KOREAN 2B</td>
<td>Intermediate Korean</td>
<td>5</td>
<td>No course</td>
</tr>
<tr>
<td>KOREAN 2C</td>
<td>Intermediate Korean</td>
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<td>No course</td>
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<tr>
<td>KOREAN 3A</td>
<td>Advanced Korean</td>
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<tr>
<td>KOREAN 3C</td>
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</table>

One additional course in Korean | One course from: literature, culture, history, art |
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Cuyamaca 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:

---- LOWER-DIVISION WRITING ----
| ENGL 120 | ENGL 124 |
| College Composition and Reading | Advanced Composition: Critical Reasoning and Writing |

---- ENGLISH LITERATURE ----
| ENGL 122 | ENGL 214 | ENGL 221 | ENGL 222 | ENGL 231 | ENGL 232 | ENGL 270 | ENGL 271 |
| Introduction to Literature | Masterpieces of Drama | British Literature I | British Literature II | American Literature I | American Literature II | World Literature I | World Literature II |

---- HISTORY ----
| HIST 100 | HIST 101 | HIST 105 | HIST 106 | HIST 108 | HIST 109 |
| Early World History | Modern World History | Early Western Civilization | Modern Western Civilization | Early American History | Modern American History |

---- PHILOSOPHY ----
| PHIL 110 | PHIL 115 | PHIL 117 | PHIL 140 | PHIL 170 |

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: Cuyamaca College

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

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

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

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


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

**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>
### 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: Cuyamaca College</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symbolic Logic</td>
<td>Same as: PHILOS 30, LPS 30</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LINGUIS 51</th>
<th>Acquisition of Language (4)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>LINGUIS 1</td>
<td>Languages of the World (4)</td>
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</tr>
<tr>
<td>LINGUIS 2</td>
<td>Discovering Language (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>LINGUIS 68</td>
<td>Introduction to Language and Culture (4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td></td>
<td>Same as: ANTHRO 2D</td>
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</tr>
</tbody>
</table>

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

================================================================================
====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](http://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](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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<table>
<thead>
<tr>
<th>LIT JRN 20</th>
<th>Introduction to Literary Journalism</th>
<th>(4)</th>
<th>No course articulated</th>
<th>Course to be completed at UCI</th>
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<tbody>
<tr>
<td>LIT JRN 21</td>
<td>Reporting for Literary Journalism</td>
<td>(4)</td>
<td>No course articulated</td>
<td>Course to be completed at UCI</td>
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</tbody>
</table>

One course from:

<table>
<thead>
<tr>
<th>ENGLISH 28A</th>
<th>The Poetic Imagination</th>
<th>(4)</th>
<th>ENGL 122</th>
<th>Introduction to Literature</th>
<th>(3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OR</td>
<td>ENGLISH 28B</td>
<td>Comic and Tragic Vision</td>
<td>(4)</td>
<td>ENGL 222</td>
<td>British Literature II</td>
</tr>
<tr>
<td>OR</td>
<td>ENGLISH 28D</td>
<td>The Craft of Poetry</td>
<td>(4)</td>
<td>ENGL 214</td>
<td>Masterpieces of Drama</td>
</tr>
<tr>
<td>OR</td>
<td>ENGLISH 221</td>
<td>British Literature I</td>
<td>(3)</td>
<td>ENGL 231</td>
<td>American Literature I</td>
</tr>
<tr>
<td>OR</td>
<td>ENGL 222</td>
<td>British Literature II</td>
<td>(3)</td>
<td>ENGL 232</td>
<td>American Literature II</td>
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</tbody>
</table>
Articulation Agreement by Major  
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================================================================================
ENGLISH 28C    Realism and Romance    (4)|ENGL 270    World Literature I     (3)
OR
ENGLISH 28E    The Craft of Fiction    (4) |
--------------------------------------------------------------------------------
Course work equivalent to UCI's sixth |
quarter of study in a single language |
or other than English (at the college level) |
--------------------------------------------------------------------------------
At least one course from each area for a |
total of four semester or six quarter |
courses: |
LOWER-DIVISION WRITING |
|WRITING |
|ENGL 120    College Composition    (3) |
|ENGL 124    Advanced Composition:  (3) |
|            Critical Reasoning and |
|            Writing |
ENGLISH LITERATURE |
|LITERATURE |
|ENGL 122    Introduction to        (3) |
|            Literature |
|ENGL 214    Masterpieces of Drama  (3) |
|ENGL 221    British Literature I   (3) |
|ENGL 222    British Literature II  (3) |
|ENGL 231    American Literature I  (3) |
|ENGL 232    American Literature II (3) |
|ENGL 270    World Literature I     (3) |
|ENGL 271    World Literature II    (3) |
HISTORY |
|HISTORY |
|HIST 100    Early World History    (3) |
|HIST 101    Modern World History   (3) |
|HIST 105    Early Western          (3) |
|            Civilization |
|HIST 106    Modern Western         (3) |
|            Civilization |
|HIST 108    Early American History (3) |
|HIST 109    Modern American        (3) |
|            History |
PHILOSOPHY |
| PHILOSOPHY |
|PHIL 110    A General Introduction (3) |
|            to Philosophy |
|PHIL 115    History of Philosophy  (3) |
Articulation Agreement by Major  
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To: UC Irvine  
From: Cuyamaca College

| I: Ancient |
| PHIL 117 History of Philosophy (3) |
| II: Modern and Contemporary |
| PHIL 140 Problems in Ethics (3) |
| PHIL 170 Philosophy of Religion: A Cross-Cultural Introduction |

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) | No course articulated

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

To: UC Irvine | From: Cuyamaca College

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

====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

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

<table>
<thead>
<tr>
<th>ECON 20A</th>
<th>Basic Economics I</th>
<th>(4)</th>
<th>ECON 121</th>
<th>Principles of Microeconomics</th>
<th>(3)</th>
</tr>
</thead>
</table>

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

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

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

**To:** UC Irvine  
**From:** Cuyamaca College

<table>
<thead>
<tr>
<th>Course</th>
<th>UC Irvine</th>
<th>Cuyamaca College</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHRO 10A &amp; Probability and Statistics (4)</td>
<td>No course articulated</td>
<td></td>
</tr>
<tr>
<td>ANTHRO 10B &amp; Probability and Statistics (4)</td>
<td>No course articulated</td>
<td></td>
</tr>
<tr>
<td>ANTHRO 10C &amp; Probability and Statistics (4)</td>
<td>No course articulated</td>
<td></td>
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<tr>
<td>OR</td>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>ENGRCEE 11 Methods II: Probability and Statistics (4)</td>
<td>No course articulated</td>
<td></td>
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<tr>
<td>OR</td>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>ECON 15A &amp; Probability and Statistics in Economics I (4)</td>
<td>Courses to be completed at UCI</td>
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</tr>
<tr>
<td>ECON 15B Probability and Statistics in Economics II (4)</td>
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<tr>
<td>OR</td>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>MGMT 7 Statistics for Business Decision Making (4)</td>
<td>MATH 160 Elementary Statistics (4)</td>
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<tr>
<td></td>
<td>BIO 215 Statistics for Life Sciences (3)</td>
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<td></td>
<td>OR</td>
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<tr>
<td></td>
<td>PSY 215 Statistics for the Behavioral Sciences (4)</td>
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<tr>
<td>OR</td>
<td>OR</td>
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<tr>
<td>STATS 7 Basic Statistics (4)</td>
<td>MATH 160 Elementary Statistics (4)</td>
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<tr>
<td></td>
<td>BIO 215 Statistics for Life Sciences (3)</td>
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<tr>
<td></td>
<td>PSY 215 Statistics for the Behavioral Sciences (4)</td>
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<td>OR</td>
<td>OR</td>
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<tr>
<td>STATS 8 Introduction to Biological Statistics (4)</td>
<td>MATH 160 Elementary Statistics (4)</td>
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<td></td>
<td>BIO 215 Statistics for Life Sciences (3)</td>
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<td></td>
<td>OR</td>
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<tr>
<td></td>
<td>PSY 215 Statistics for the Behavioral Sciences (4)</td>
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<td>OR</td>
<td>OR</td>
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<tr>
<td>STATS 67 Introduction to Probability and Statistics for Computer Science (4)</td>
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<td>OR</td>
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<tr>
<td>PSYCH 10A &amp; Probability and Statistics in Psychology I (4)</td>
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<tr>
<td>PSYCH 10B &amp; Probability and Statistics in Psychology II (4)</td>
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</tbody>
</table>
# Articulation Agreement by Major

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

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To: UC Irvine  
From: Cuyamaca College

| Statistics in Psychology II |  
| PSYCH 10C Probability and Statistics in Psychology III |  
| SOCECOL 13 Statistical Analysis in Social Ecology (4) | BIO 215 Statistics for Life Sciences (3) |  
| OR | OR |  
| SOCECOL 13 Statistical Analysis in Social Ecology (4) | BIO 215 Statistics for Life Sciences (3) |  
| OR | OR |  
| SOCECOL 13 Statistical Analysis in Social Ecology (4) | BIO 215 Statistics for Life Sciences (3) |  
| OR | OR |  
| SOCECOL 13 Statistical Analysis in Social Ecology (4) | BIO 215 Statistics for Life Sciences (3) |  

| MGMT 1 Introduction to Business and Management (4) | BUS 110 Introduction to Business (3) |  

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**END OF MANAGEMENT (Minor In)**
Articulation Agreement by Major
Effective during the 18-19 Academic Year
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To: UC Irvine | From: Cuyamaca 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**

| MATH 2A 6 | Single-Variable Calculus | (4) | MATH 180 6 | Analytic Geometry and Calculus I (5) |
| MATH 2B | Single-Variable Calculus | (4) | MATH 280 | Analytic Geometry and Calculus II (4) |
| MATH 2D | Multivariable Calculus | (4) | MATH 281 | Multivariable Calculus (4) |
Articulation Agreement by Major
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<table>
<thead>
<tr>
<th>Course</th>
<th>UC Irvine Equivalent</th>
<th>Cuyamaca College Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2E</td>
<td>Multivariable Calculus (4)</td>
<td>MATH 281 Multivariable Calculus (4)</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>Introduction to Linear Algebra (4)</td>
<td>MATH 284 Linear Algebra (3)</td>
</tr>
<tr>
<td>MATH 3D</td>
<td>Elementary Differential Equations (4)</td>
<td>MATH 285 Differential Equations (3)</td>
</tr>
<tr>
<td>PHYSICS 7C</td>
<td>Classical Physics (4)</td>
<td>PHYC 190 Mechanics and Heat (5)</td>
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<tr>
<td>PHYSICS 7LC</td>
<td>Classical Physics Laboratory (1)</td>
<td>PHYC 200 Electricity and Magnetism</td>
</tr>
<tr>
<td>PHYSICS 7D</td>
<td>Classical Physics (4)</td>
<td>PHYC 210 Wave Motion and Modern Physics (5)</td>
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<tr>
<td>PHYSICS 7LD</td>
<td>Classical Physics Laboratory (1)</td>
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</tr>
<tr>
<td>PHYSICS 7E</td>
<td>Classical Physics (4)</td>
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<tr>
<td>ENGR 1A</td>
<td>General Chemistry for Engineers (4)</td>
<td>CHEM 141 General Chemistry I (5)</td>
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<tr>
<td>CHEM 1B</td>
<td>General Chemistry (4)</td>
<td>CHEM 142 General Chemistry II (5)</td>
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<td>CHEM 1A</td>
<td>General Chemistry (4)</td>
<td>CHEM 141 General Chemistry I (5)</td>
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<tr>
<td>CHEM 1B</td>
<td>General Chemistry (4)</td>
<td>CHEM 142 General Chemistry II (5)</td>
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<td>CHEM 1C</td>
<td>General Chemistry (4)</td>
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</tr>
<tr>
<td>CHEM 1LC</td>
<td>General Chemistry Laboratory (2)</td>
<td></td>
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<tr>
<td>ENGRMAE 10</td>
<td>Introduction to Engineering Computations (4)</td>
<td>CS 181 Introduction to C++ Programming</td>
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<tr>
<td>EECS 10</td>
<td>Computational Methods in Electrical and Computer Engineering (4)</td>
<td>CS 181 Introduction to C++ Programming</td>
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<td>MAJOR PREPARATION COURSES NECESSARY TO GRADUATE IN 2 YEARS</td>
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</tr>
<tr>
<td>ENGRMAE 30</td>
<td>Statics (4)</td>
<td>ENGR 200 Engineering Mechanics (3)</td>
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<td>- Statics</td>
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<tr>
<td>ENGR 54</td>
<td>Principles of Materials Science and Engineering (4)</td>
<td>ENGR 260 Engineering Materials (3)</td>
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<td>ENGRMAE 60</td>
<td>Electric Circuits (4)</td>
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</tr>
<tr>
<td>EECS 70A</td>
<td>Network Analysis I (4)</td>
<td>ENGR 210 Electric Circuits (4)</td>
</tr>
<tr>
<td>ADDITIONAL MAJOR REQUIREMENTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CBEMS 65A</td>
<td>Thermodynamics of</td>
<td>No course articulated</td>
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</table>
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<table>
<thead>
<tr>
<th>Materials</th>
<th>OR</th>
<th>OR</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGRMAE 91 Introduction to Thermodynamics</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

| CBEMS 65B Diffusion in Materials | (4) | No course articulated |

**ADDITIONAL MAJOR ELECTIVES**

4 quarter units from the following:

<table>
<thead>
<tr>
<th>BIO SCI 93 From DNA to Organisms</th>
<th>(4)</th>
<th>BIO 230 Principles of Cellular, Molecular and Evolutionary Biology</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>BME 50A Cell and Molecular Engineering</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CHEM 51A Organic Chemistry</td>
</tr>
<tr>
<td></td>
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<td>EECS 70B Network Analysis II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENGR 7A Introduction to Engineering I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENGR 7B Introduction to Engineering II</td>
</tr>
</tbody>
</table>
|                                   |    | ENGRMAE 80 Dynamics | (4) | ENGR 220 Engineering Mechanics (3)
|                                   |    | Same as: ENGR 80, ENGRCEE 80 | - Dynamics |
|                                   |    | PHYSICS 51A Modern Physics | (4) | No course articulated |
|                                   |    | STATS 7 Basic Statistics | (4) | MATH 160 Elementary Statistics (4) |
|                                   |    |                             |    | BIO 215 Statistics for Life Sciences |
|                                   |    |                             |    | OR |
|                                   |    |                             |    | PSY 215 Statistics for the Behavioral Sciences |

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

To: UC Irvine  |  From: Cuyamaca College

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

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**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**

| MATH 2A & Single-Variable Calculus (4) | MATH 180 & Analytic Geometry and Calculus I (5) |
| MATH 2B Single-Variable Calculus (4) | MATH 280 Analytic Geometry and Calculus II (4) |

---

**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

| MATH 2D Multivariable Calculus (4) | MATH 281 Multivariable Calculus (4) |
| MATH 2E Multivariable Calculus (4) | MATH 281 Multivariable Calculus (4) |
| MATH 3A Introduction to Linear Algebra (4) | MATH 284 Linear Algebra (3) |
| MATH 3D Elementary Differential Equations (4) | MATH 285 Differential Equations (3) |
| MATH 13 Introduction to Abstract Mathematics (4) | No course articulated |

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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: Cuyamaca College

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

**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>Cuyamaca College Courses</th>
<th>UC Irvine Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1A &amp; General Chemistry</td>
<td>CHEM 141 &amp; General Chemistry I</td>
</tr>
<tr>
<td>CHEM 1B &amp; General Chemistry</td>
<td>CHEM 142 &amp; General Chemistry II</td>
</tr>
<tr>
<td>CHEM 1C &amp; General Chemistry</td>
<td>CHEM 143 &amp; General Chemistry III</td>
</tr>
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</table>

**OR**

<table>
<thead>
<tr>
<th>Cuyamaca College Courses</th>
<th>UC Irvine Courses</th>
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</thead>
<tbody>
<tr>
<td>PHYSICS 2 &amp; Introduction to Mathematical Methods for Physics</td>
<td>PHYC 190 &amp; Mechanics and Heat</td>
</tr>
<tr>
<td>PHYSICS 7C &amp; Classical Physics</td>
<td>PHYC 200 &amp; Electricity and Magnetism</td>
</tr>
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<tbody>
<tr>
<td>PHYSICS 2 &amp; Introduction to Mathematical Methods for Physics</td>
<td>PHYC 210 &amp; Wave Motion and Modern Physics</td>
</tr>
<tr>
<td>PHYSICS 7C &amp; Classical Physics</td>
<td>PHYC 210 &amp; Wave Motion and Modern Physics</td>
</tr>
<tr>
<td>PHYSICS 7E &amp; Classical Physics</td>
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**OR**

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<th>Cuyamaca College Courses</th>
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</thead>
<tbody>
<tr>
<td>MATH 9 &amp; Introduction to Programming for Numerical Analysis</td>
<td>CS 181 &amp; Introduction to C++ Programming</td>
</tr>
<tr>
<td>OR</td>
<td>CS 182 &amp; Introduction to JAVA Programming</td>
</tr>
</tbody>
</table>

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

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

### 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](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>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A 4</td>
</tr>
<tr>
<td>MATH 2B 4</td>
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Articulation Agreement by Major
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To: UC Irvine  |  From: Cuyamaca College

<table>
<thead>
<tr>
<th>Math 2D</th>
<th>Multivariable Calculus (4)</th>
<th>Math 281</th>
<th>Multivariable Calculus (4)</th>
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<tbody>
<tr>
<td>Math 2E</td>
<td>Multivariable Calculus (4)</td>
<td>Math 281</td>
<td>Multivariable Calculus (4)</td>
</tr>
<tr>
<td>Math 3A</td>
<td>Introduction to Linear Algebra (4)</td>
<td>Math 284</td>
<td>Linear Algebra (3)</td>
</tr>
<tr>
<td>Math 3D</td>
<td>Elementary Differential Equations (4)</td>
<td>Math 285</td>
<td>Differential Equations (3)</td>
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</table>

<table>
<thead>
<tr>
<th>Physics 7C</th>
<th>Classical Physics (4)</th>
<th>PhyC 190</th>
<th>Mechanics and Heat (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics 7LC</td>
<td>Classical Physics (1)</td>
<td>PhyC 200</td>
<td>Electricity and Magnetism</td>
</tr>
<tr>
<td>Physics 7D</td>
<td>Classical Physics (4)</td>
<td>PhyC 210</td>
<td>Wave Motion and Modern Physics</td>
</tr>
<tr>
<td>Physics 7LD</td>
<td>Classical Physics (1)</td>
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<table>
<thead>
<tr>
<th>Engr 1A</th>
<th>General Chemistry for Engineers (4)</th>
<th>Chem 141</th>
<th>General Chemistry I (5)</th>
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<tr>
<td>Chem 1LE</td>
<td>Accelerated General Chemistry Laboratory (3)</td>
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<tr>
<td>OR</td>
<td>Chem 1A</td>
<td>General Chemistry (4)</td>
<td></td>
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<tr>
<td>OR</td>
<td>Chem 1LE</td>
<td>Accelerated General Chemistry Laboratory (3)</td>
<td></td>
</tr>
</tbody>
</table>

| Engrmae 10 | Introduction to Engineering Computations (4) | CS 181 | Introduction to C++ (4) |

Major Preparation Courses Necessary to Graduate in 2 Years

<table>
<thead>
<tr>
<th>Engrmae 30</th>
<th>Statics (4)</th>
<th>Engr 200</th>
<th>Engineering Mechanics (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Same as: Engr 30, Engrcee 30</td>
<td></td>
<td>- Statics</td>
<td></td>
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<table>
<thead>
<tr>
<th>Engrmae 52</th>
<th>Computer-Aided Design (4)</th>
<th>Cadd 125</th>
<th>3D Solid Modeling (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Same as: Engr 125</td>
<td>Or</td>
<td>Engr 125</td>
<td>3D Solid Modeling (3)</td>
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<tr>
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<td>Or</td>
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</table>

| Engr 54 | Principles of Materials Science and Engineering (4) | Engr 260 | Engineering Materials (3) |

<table>
<thead>
<tr>
<th>Engrmae 60</th>
<th>Electric Circuits (4)</th>
<th>No course articulated</th>
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<tbody>
<tr>
<td>OR</td>
<td>Eecs 70A</td>
<td>Network Analysis I (4)</td>
</tr>
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</table>

Additional Major Requirements

| Physics 52A | Fundamentals of (2) | PhyC 210 | Wave Motion and Modern (5) |
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Cuyamaca College

<table>
<thead>
<tr>
<th>Experimental Physics</th>
<th>Physics</th>
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<tbody>
<tr>
<td>ECON 20A Basic Economics I (4)</td>
<td>ECON 121 Principles of Microeconomics (3)</td>
</tr>
<tr>
<td>OR ECON 23 Basic Economics for Engineers (4)</td>
<td>OR No course articulated</td>
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<tr>
<td>ENGRMAE 80 Dynamics (4)</td>
<td>ENGR 220 Engineering Mechanics (3)</td>
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<tr>
<td>Same as: ENGR 80, ENGRCEE 80</td>
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</tr>
<tr>
<td>ENGRMAE 91 Introduction to Thermodynamics (4)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

ADDITIONAL MAJOR ELECTIVES

One additional approved science course | One course (or lecture/lab combination) from the following:
| ANTH 130 Introduction to Physical Anthropology (3) |
| ASTR 110 & Descriptive Astronomy (3) |
| ASTR 112 General Astronomy Laboratory (1) |
| BIO 112 Contemporary Issues in Environmental Resources (3) |
| BIO 122 The Secret Life of Plants (4) |
| BIO 124 Human Genetics in Modern Society (4) |
| BIO 130 & General Biology I (3) |
| BIO 131 General Biology I Laboratory (1) |
| BIO 140 Human Anatomy (5) |
| BIO 141 & Human Physiology (3) |
| BIO 141L Laboratory in Human Physiology (1) |
| BIO 230 Principles of Cellular, Molecular and Evolutionary Biology (4) |
| BIO 240 Principles of Ecology, Evolution and Organismal Biology (5) |
| CHEM 102 Introduction to General, Organic and Biological Chemistry (5) |
| CHEM 113 Forensic Chemistry (4) |
| CHEM 115 Fundamentals of Chemistry (4) |
| CHEM 116 Introductory Organic and Biochemistry (4) |
Articulation Agreement by Major
Effective during the 18-19 Academic Year
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To: UC Irvine

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>CHEM 120</td>
<td>Preparation for General Chemistry</td>
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<tr>
<td>CHEM 141</td>
<td>General Chemistry I</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 142</td>
<td>General Chemistry II</td>
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<tr>
<td>CHEM 231</td>
<td>Organic Chemistry I</td>
<td>5</td>
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<tr>
<td>GEOG 120 &amp;</td>
<td>Physical Geography: Earth Systems</td>
<td>(3)</td>
</tr>
<tr>
<td>GEOG 121</td>
<td>Physical Geography: Earth Systems</td>
<td>(1)</td>
</tr>
<tr>
<td></td>
<td>Laboratory</td>
<td></td>
</tr>
<tr>
<td>GEOL 104</td>
<td>Earth Science</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 110 &amp;</td>
<td>Planet Earth</td>
<td>(3)</td>
</tr>
<tr>
<td>GEOL 111</td>
<td>Planet Earth</td>
<td>(1)</td>
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<tr>
<td></td>
<td>Laboratory</td>
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</tr>
<tr>
<td>OCEA 112 &amp;</td>
<td>Introduction to Oceanography</td>
<td>(3)</td>
</tr>
<tr>
<td>OCEA 113</td>
<td>Oceanography</td>
<td>(1)</td>
</tr>
<tr>
<td></td>
<td>Laboratory</td>
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</tr>
<tr>
<td>PHYC 110</td>
<td>Introductory Physics</td>
<td>4</td>
</tr>
<tr>
<td>PHYC 120</td>
<td>General Physics</td>
<td>4</td>
</tr>
<tr>
<td>PHYC 121</td>
<td>General Physics</td>
<td>4</td>
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<tr>
<td>PHYC 130</td>
<td>Fundamentals of Physics</td>
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<tr>
<td>PHYC 131</td>
<td>Fundamentals of Physics</td>
<td>(4)</td>
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<tr>
<td>PHYC 190</td>
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<tr>
<td>PHYC 210</td>
<td>Wave Motion and Modern Physics</td>
<td>(5)</td>
</tr>
<tr>
<td>PSC 110 &amp;</td>
<td>Introduction to the Physical Sciences</td>
<td>(3)</td>
</tr>
<tr>
<td>PSC 111</td>
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<tr>
<td></td>
<td>Laboratory</td>
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</tbody>
</table>

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

AND

AND

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

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END OF MECHANICAL ENGINEERING

--------------------------------------------------------------------------------
Articulation Agreement by Major
Effective during the 18-19 Academic Year
Applies to Fall 2019 and Fall 2020 Admissions
To: UC Irvine | From: Cuyamaca College
================================================================================
====Microbiology and Immunology, B.S.====

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

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

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

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

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

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

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

For information 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 (4)</th>
<th>BIO 230</th>
<th>Principles of Cellular, Molecular and Evolutionary Biology</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 94</td>
<td>From Organisms to Ecosystems (4)</td>
<td>BIO 240</td>
<td>Principles of Ecology, Evolution and Organismal Biology</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
Articulation Agreement by Major
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Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine | From: Cuyamaca College

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

(semester to quarter) should contact the Physical Sciences Student Affairs
Office at: pssazot@uci.edu.

CHEM 1A General Chemistry (4) | CHEM 141 General Chemistry I (5)
CHEM 1B General Chemistry (4) | CHEM 142 General Chemistry II (5)
CHEM 1C General Chemistry (4)
CHEM 1LC General Chemistry (2) |
CHEM 1LD General Chemistry (2) |

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

CHEM 51A Organic Chemistry (4) | CHEM 231 Organic Chemistry I (5)
CHEM 51LB Organic Chemistry (2) |

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

CHEM 51B Organic Chemistry (4) | CHEM 231 Organic Chemistry I (5)
CHEM 51C Organic Chemistry (4) | CHEM 232 Organic Chemistry II (5)
CHEM 51LC Organic Chemistry (2) |

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ADDITIONAL APPROVED COURSES FOR THE MAJOR

BIO SCI 97 Genetics (4) | BIO 124 Human Genetics in Modern Society (4)

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 180 Analytic Geometry and Calculus I (5)
MATH 2B Single-Variable Calculus (4) |

and one of the following: | and one of the following:
STATS 7 Basic Statistics (4) | MATH 160 Elementary Statistics (4)
STATS 8 Introduction to Biological Statistics (4) | BIO 215 Statistics for Life Sciences (3)
MATH 2D Multivariable Calculus (4) | PSY 215 Statistics for the Behavioral Sciences (4)
MATH 3A Introduction to Linear Algebra (4) | MATH 281 Multivariable Calculus (4)
MATH 3A Introduction to Linear Algebra (4) | MATH 284 Linear Algebra (3)

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

PHYSICS 3A Basic Physics (4) | PHYC 130 Fundamentals of Physics (4)
PHYSICS 3B Basic Physics (4) |
PHYSICS 3LB Basic Physics (1.5) | PHYC 131 Fundamentals of Physics (4)
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions

To: UC Irvine  | From: Cuyamaca College

<table>
<thead>
<tr>
<th>Laboratory</th>
<th>Physics</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 3C</td>
<td>Basic Physics</td>
</tr>
<tr>
<td>PHYSICS 3LC</td>
<td>Basic Physics</td>
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</table>

OR

<table>
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<tbody>
<tr>
<td>PHYSICS 7C</td>
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<tr>
<td>PHYSICS 7LC</td>
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<td>PHYSICS 7D</td>
<td>Classical Physics</td>
</tr>
<tr>
<td>PHYSICS 7LD</td>
<td>Classical Physics</td>
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</table>

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

To: UC Irvine  |  From: Cuyamaca 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)

---

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

One course from:

**DRAMA 15** Performance Now (4) |
**DRAMA 20A** Culture in Performance (4) |
**DRAMA 20B** Culture in Performance (4) |
**DRAMA 20C** Culture in Performance (4) |

**DRAMA 30A & DRAMA 30B** Acting (4) | No course articulated
**DRAMA 30C** Acting (4) |

**DRAMA 40A & DRAMA 40B** Development of Drama (4) | No course articulated
**DRAMA 40C** Development of Drama (4) |

One course from:

**DRAMA 50A** Introduction to Costume Design (4) | No course articulated
**DRAMA 50B** Introduction to Scenic Design (4) | No course articulated
**DRAMA 50C** Introduction to Lighting (4) | No course articulated
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<table>
<thead>
<tr>
<th>Design</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DRAMA 50D  Introduction to Sound</td>
<td>(4)</td>
</tr>
<tr>
<td>Design</td>
<td></td>
</tr>
<tr>
<td>DRAMA 50E  Introduction to Stage</td>
<td>(4)</td>
</tr>
<tr>
<td>Management</td>
<td></td>
</tr>
<tr>
<td>DRAMA 50F  History &amp; Theories of Scenography</td>
<td>(4)</td>
</tr>
</tbody>
</table>

Two courses in Ballet Dance | No course articulated

One course in Jazz Dance | No course articulated

One course in Tap Dance | No course articulated

END OF MUSIC THEATRE
Articulation Agreement by Major
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================================================================================
====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:
--------------------------------------------------------------------------------

MUSIC 15A & Musicianship I (2) | MUS 105 & Music Theory and Practice I (4)  
MUSIC 15B & Musicianship II (2) | MUS 106 & Music Theory and Practice II (4)  
MUSIC 15C & Musicianship III (2) | (= 15A & 15B ONLY)

MUSIC 16A & Music Theory (4) | MUS 105 & Music Theory and Practice I (4)  
MUSIC 16B & Music Theory (4) |
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<table>
<thead>
<tr>
<th>MUSIC 16C &amp; Music Theory</th>
<th>(4)</th>
<th>MUS 106 Music Theory and Practice II</th>
<th>(4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSIC 16D Theory/Musicianship</td>
<td>(4)</td>
<td>(= 16A &amp; 16B ONLY)</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>MUSIC 40D Twentieth-Century Music</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>MUSIC 51 Music Technology and Computers</th>
</tr>
</thead>
</table>

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

Two years of ensemble or repertory (At least one year must be in residence at UCI) | One year of ensemble or repertory |

**Music B.A. Students**

One course from: | One course from:
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>MUSIC 4 Introduction to Opera</td>
<td>(4)</td>
</tr>
<tr>
<td>MUSIC 8 The Beatles and the Sixties</td>
<td>(4)</td>
</tr>
<tr>
<td>MUSIC 9 Rock: The Early Years</td>
<td>(4)</td>
</tr>
<tr>
<td>MUSIC 14A &amp; European and American Music: 1700-Twentieth Century</td>
<td>(4)</td>
</tr>
<tr>
<td>MUSIC 14B &amp; European and American Music: 1700-Twentieth Century</td>
<td>(4)</td>
</tr>
<tr>
<td>MUSIC 14C European and American Music: 1700-Twentieth Century</td>
<td>(4)</td>
</tr>
<tr>
<td>MUSIC 41 Major Composer</td>
<td>(4)</td>
</tr>
<tr>
<td>MUSIC 42 Music and Gender</td>
<td>(4)</td>
</tr>
<tr>
<td>MUSIC 44 Classical Music in Society</td>
<td>(4)</td>
</tr>
<tr>
<td>MUSIC 45 History of Film Music</td>
<td>(4)</td>
</tr>
<tr>
<td>MUSIC 78 History of Jazz</td>
<td>(4)</td>
</tr>
<tr>
<td>MUSIC 82A Pish Radif: Introduction to Classical Persian Music</td>
<td>(4)</td>
</tr>
<tr>
<td>MUSIC 82B Pish Radif: Introduction to Classical Persian Music</td>
<td>(4)</td>
</tr>
</tbody>
</table>
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================================================================================
MUSIC 82C    Pish Radif: Introduction (4)|No course articulated
to Classical Persian |
Music |
================================================================================

Music B.Mus. Students

One course from: |One course from:
MUSIC 41    Major Composer (4)|No course articulated
MUSIC 42    Music and Gender (4)|No course articulated
MUSIC 44    Classical Music in Society (4)|No course articulated
MUSIC 45    History of Film Music (4)|No course articulated
MUSIC 78    History of Jazz (4)|MUS 111    History of Jazz (3)
================================================================================

END OF MUSIC
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=================================================================================================

====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

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

<table>
<thead>
<tr>
<th>MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 93    From DNA to Organisms   (4)</td>
</tr>
<tr>
<td>BIO SCI 94    From Organisms to Ecosystems (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
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(semester to quarter) should contact the Physical Sciences Student Affairs Office at: pssazot@uci.edu.

<table>
<thead>
<tr>
<th>Cuyamaca College Courses</th>
<th>UC Irvine Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1A  &amp; General Chemistry (4)</td>
<td>CHEM 141 &amp; General Chemistry I (5)</td>
</tr>
<tr>
<td>CHEM 1B  &amp; General Chemistry (4)</td>
<td>CHEM 142 General Chemistry II (5)</td>
</tr>
<tr>
<td>CHEM 1C  &amp; General Chemistry (4)</td>
<td>CHEM 1LC General Chemistry (2) Laboratory (2)</td>
</tr>
<tr>
<td>CHEM 1LD General Chemistry (2) Laboratory (2)</td>
<td></td>
</tr>
<tr>
<td>CHEM 51A Organic Chemistry (4)</td>
<td>CHEM 231 Organic Chemistry I (5)</td>
</tr>
<tr>
<td>CHEM 51LB Organic Chemistry (2)</td>
<td>CHEM 231 Organic Chemistry I (5)</td>
</tr>
<tr>
<td>CHEM 51B Organic Chemistry (4)</td>
<td>CHEM 232 Organic Chemistry II (5)</td>
</tr>
<tr>
<td>CHEM 51C Organic Chemistry (4)</td>
<td>CHEM 232 Organic Chemistry II (5)</td>
</tr>
<tr>
<td>CHEM 51LC Organic Chemistry (2)</td>
<td>CHEM 232 Organic Chemistry II (5)</td>
</tr>
</tbody>
</table>

ADDITIONAL APPROVED COURSES FOR THE MAJOR

<table>
<thead>
<tr>
<th>Cuyamaca College Courses</th>
<th>UC Irvine Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO SCI 97 Genetics (4)</td>
<td>BIO 124 Human Genetics in Modern Society (4)</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>Cuyamaca College Courses</th>
<th>UC Irvine Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2A  &amp; Single-Variable Calculus (4)</td>
<td>MATH 180 Analytic Geometry and Calculus I (5)</td>
</tr>
<tr>
<td>MATH 2B Single-Variable Calculus (4)</td>
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</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 160 Elementary Statistics (4)</td>
</tr>
<tr>
<td>STATS 8 Introduction to Biological Statistics (4)</td>
<td>BIO 215 Statistics for Life Sciences (3)</td>
</tr>
<tr>
<td>MATH 2D Multivariable Calculus (4)</td>
<td>PSY 215 Statistics for the Behavioral Sciences (4)</td>
</tr>
<tr>
<td>MATH 3A Introduction to Linear Algebra (4)</td>
<td>MATH 281 Multivariable Calculus (4)</td>
</tr>
<tr>
<td>MATH 284 Linear Algebra (3)</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 3A  &amp; Basic Physics (4)</td>
<td>PHYC 130 &amp; Fundamentals of Physics (4)</td>
</tr>
<tr>
<td>PHYSICS 3B  &amp; Basic Physics (4)</td>
<td>Fundamentals of Physics</td>
</tr>
<tr>
<td>PHYSICS 3LB Basic Physics (1.5)</td>
<td>PHYC 131 Fundamentals of Physics (4)</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>Laboratory</th>
<th>Physics</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 3C &amp; Basic Physics (4)</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 3LC Basic Physics (1.5)</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td>OR</td>
</tr>
<tr>
<td>PHYSICS 7C &amp; Classical Physics (4)</td>
<td>PHYC 190 &amp; Mechanics and Heat (5)</td>
</tr>
<tr>
<td>PHYSICS 7LC Classical Physics (1)</td>
<td>PHYC 200 Electricity and Magnetism</td>
</tr>
<tr>
<td>Laboratory</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7D &amp; Classical Physics (4)</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 7LD 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 NEUROBIOLOGY
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====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 STAT 7 or STAT 8

Submit a supplemental application including personal statement and volunteer experiences; a personal interview may also be required.

Applicants must have a cumulative GPA of 3.0 or higher to be considered.

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

For information 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.
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| CHEM 1A & General Chemistry (4) | CHEM 141 & General Chemistry I (5) |
| CHEM 1B & General Chemistry (4) | CHEM 142 & General Chemistry II (5) |
| CHEM 1C & General Chemistry (4) |

| CHEM 51A & Organic Chemistry (4) | CHEM 231 & Organic Chemistry I (5) |

| BIO SCI 97 & Genetics (4) | BIO 124 & Human Genetics in Modern Society |

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

| BIO SCI E109 & Human Physiology (4) | BIO 141 & Human Physiology (3) |
| BIO SCI E112L & Physiology Laboratory (3) | BIO 141L & Laboratory in Human Physiology (1) |
| (Accepted as subject credit and lower division credit for the Nursing Science major only.) |

| BIO SCI M122 & General Microbiology (4) | BIO 152 & Paramedical Microbiology (5) |
| BIO SCI M118L & Experimental Microbiology Laboratory (4) | (Accepted as subject credit and lower division credit for the Nursing Science major only.) |

| BIO SCI D170 & Applied Human Anatomy (6) | BIO 140 & Human Anatomy (5) |
| (Accepted as subject credit and lower division credit for the Nursing Science major only.) |

| PHILOS 4 & Introduction to Ethics (4) | PHIL 140 & Problems In Ethics (3) |
| OR |
| PHILOS 5 & Contemporary Moral Problems (4) | No course articulated |

| One course from: |
| PSYCH 7A & Introduction to Psychology (4) | PSY 120 & Introductory Psychology (3) |
| Same as: PSY BEH 9 |
| PSYCH 9A & Psychology Fundamentals (4) | PSY 138 & Social Psychology (3) |
| Same as: PSY BEH 11A |
| PSYCH 9B & Psychology Fundamentals (4) |
| Same as: PSY BEH 11B |
| PSYCH 9C & Psychology Fundamentals (4) |
| Same as: PSY BEH 11C |
| PSYCH 78A & Introduction to Social Science (4) |
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<table>
<thead>
<tr>
<th>Psychology</th>
<th>Same as: SOCIOL 31</th>
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<tbody>
<tr>
<td>PSY BEH 9 Introduction to Psychology</td>
<td>Same as: PSYCH 7A</td>
</tr>
<tr>
<td>PSY BEH 11A Psychology Fundamentals</td>
<td>Same as: PSYCH 9A</td>
</tr>
<tr>
<td>PSY BEH 11B Psychology Fundamentals</td>
<td>Same as: PSYCH 9B</td>
</tr>
<tr>
<td>PSY BEH 11C Psychology Fundamentals</td>
<td>Same as: PSYCH 9C</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>PUBHLTH 1 Principles of Public Health</th>
<th>HED 201 Introduction to Public Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>One course from:</td>
<td>One course from:</td>
</tr>
<tr>
<td>ANTHRO 2A Introduction to Sociocultural Anthropology</td>
<td>PSY 138 Social Psychology</td>
</tr>
<tr>
<td>ANTHRO 2D Introduction to Language and Culture</td>
<td>SOC 125 Marriage, Family and Alternative Life</td>
</tr>
<tr>
<td>ANTHRO 41A Global Cultures and Society</td>
<td>SOC 130 Contemporary Social Problems</td>
</tr>
<tr>
<td>SOC SCI 1A Principles in the Social Sciences</td>
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<tr>
<td>SOCIOL 1 Introduction to Sociology</td>
<td></td>
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<tr>
<td>SOCIOL 2 Global and International Sociology</td>
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<tr>
<td>SOCIOL 3 Introduction to Social Problems</td>
<td></td>
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<tr>
<td>SOCIOL 31 Introduction to Social Psychology</td>
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<tr>
<td>Same as: PSYCH 78A</td>
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<tr>
<td>SOCIOL 44 Population</td>
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<td>SOCIOL 62 Marriage and Families</td>
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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>PSYCH 10A Probability and Statistics in Psychology I</td>
<td>BIO 215 Statistics for Life Sciences</td>
</tr>
<tr>
<td>SOC SCI 10A Probability and Statistics in the Social Sciences I</td>
<td>MATH 160 Elementary Statistics</td>
</tr>
<tr>
<td>SOCIOL 10A Probability and Statistics</td>
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<td>Same as: ANTHRO 10A</td>
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</table>
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<table>
<thead>
<tr>
<th>STAT 7</th>
<th>Basic Statistics</th>
<th>(4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>STAT 8</td>
<td>Introduction to Biological Statistics</td>
<td>(4)</td>
</tr>
</tbody>
</table>

END OF NURSING SCIENCE
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================================================================================

====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, \textbf{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)

\textbf{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

\textbf{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 \textbf{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, \texttt{www.pharmsci.uci.edu}.

\textbf{NOTE:} Once enrolled at UCI, Pharmaceutical Sciences majors may take only UCI courses to satisfy major requirements.

\textbf{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

**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.

| CHEM 1A & | General Chemistry | (4) | CHEM 141 & | General Chemistry I | (5) |
| CHEM 1B & | General Chemistry | (4) | CHEM 142 | General Chemistry II | (5) |
| CHEM 1C & | General Chemistry | (4) |     |     |     |
| CHEM 1LC & | General Chemistry | (2) | Laboratory |     |
| CHEM 1LD | General Chemistry | (2) | Laboratory |     |

| BIO SCI 93 | From DNA to Organisms | (4) | BIO 230 | Principles of Cellular, Molecular and Evolutionary Biology |
| BIO SCI 94 | From Organisms to Ecosystems | (4) | BIO 240 | Principles of Ecology, Evolution and Organismal Biology |

**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

| BIO SCI 97 | Genetics | (4) | BIO 124 | Human Genetics in Modern Society |
| BIO SCI 98 | Biochemistry | (4) | No course articulated |
| BIO SCI 99 | Molecular Biology | (4) | No course articulated |
| BIO SCI 100 | Scientific Writing | (3) | No course articulated |
| CHEM 51A & | Organic Chemistry | (4) | CHEM 231 | Organic Chemistry I | (5) |
| CHEM 51LB | Organic Chemistry | (2) | Laboratory |     |
| CHEM 51B & | Organic Chemistry | (4) | CHEM 231 & | Organic Chemistry I | (5) |
| CHEM 51C & | Organic Chemistry | (4) | CHEM 232 | Organic Chemistry II | (5) |
| CHEM 51LC | Organic Chemistry | (2) | Laboratory |     |

To complete the Mathematics requirement before enrolling at UCI, students must
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---

To complete two semesters of Calculus and one additional approved course in Mathematics:

<table>
<thead>
<tr>
<th>MATH 2A</th>
<th>Single-Variable Calculus</th>
<th>(4)</th>
<th>MATH 180</th>
<th>Analytic Geometry and Calculus I</th>
<th>(5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2B</td>
<td>Single-Variable Calculus</td>
<td>(4)</td>
<td>MATH 280</td>
<td>Analytic Geometry and Calculus II</td>
<td>(4)</td>
</tr>
</tbody>
</table>

and one of the following:

| STATS 7  | Basic Statistics         | (4) | MATH 160  | Elementary Statistics           | (4) |
| STATS 8  | Introduction to Biological Statistics | (4) | BIO 215   | Statistics for Life             | (3) |
| MATH 2D  | Multivariable Calculus   | (4) | PSY 215   | Statistics for the Behavioral Sciences | (4) |
| MATH 3A  | Introduction to Linear Algebra | (4) | MATH 281  | Multivariable Calculus          | (4) |
|          |                          |     | MATH 284  | Linear Algebra                  | (3) |

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OR

| PHYSICS 3A | Basic Physics           | (4) | PHYC 130 | Fundamentals of Physics         | (4) |
| PHYSICS 3B | Basic Physics           | (4) |
| PHYSICS 3LB | Basic Physics          | (1.5) | PHYC 131 | Fundamentals of Physics         | (4) |
| PHYSICS 3C | Basic Physics           | (4) |
| PHYSICS 3LC | Basic Physics         | (1.5) |
|          | Laboratory             |     |          | OR                               |     |
| PHYSICS 7C | Classical Physics       | (4) | PHYC 190 | Mechanics and Heat               | (5) |
| PHYSICS 7LC | Classical Physics     | (1) | PHYC 200 | Electricity and Magnetism        | (5) |
| PHYSICS 7D | Classical Physics       | (4) |
| PHYSICS 7LD | Classical Physics     | (1) |
| PHYSICS 7E | Classical Physics       | (4) |

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END OF PHARMACEUTICAL SCIENCES
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== Philosophy, B.A. ==

Students interested in this major must meet the following requirements:

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

Recommended:

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

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

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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>One course from:</th>
<th>One course from:</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHILOS 1</td>
<td>PHIL 110</td>
</tr>
<tr>
<td>Introduction to</td>
<td>A General Introduction</td>
</tr>
<tr>
<td>Philosophy</td>
<td>to Philosophy</td>
</tr>
<tr>
<td>PHILOS 2</td>
<td>PHIL 140</td>
</tr>
<tr>
<td>Puzzles and Paradoxes</td>
<td>Problems in Ethics</td>
</tr>
<tr>
<td>PHILOS 4</td>
<td>PHI 140</td>
</tr>
<tr>
<td>Introduction to Ethics</td>
<td>Problems</td>
</tr>
<tr>
<td>PHILOS 5</td>
<td>PHIL 115</td>
</tr>
<tr>
<td>Contemporary Moral</td>
<td>History of Philosophy</td>
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<table>
<thead>
<tr>
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<table>
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<tbody>
<tr>
<td>PHILOS 10</td>
<td>PHIIL 115</td>
</tr>
<tr>
<td>History of Ancient</td>
<td>History of Philosophy</td>
</tr>
</tbody>
</table>
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| Philosophy | I: Ancient |
| PHILOS 11  | History of Medieval (4) | PHIL 117 | History of Philosophy (3) |
| PHILOS 12  | History of Modern (4)   |         | II: Modern and Contemporary |
| PHILOS 13  | History of Contemporary (4) |

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

| ARBC 221 Arabic IV (5) |
| ASL 221 American Sign Language (4) IV |
| FREN 221 French IV (5) |
| SPAN 221 Spanish IV (5) |

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

| LOWER-DIVISION WRITING |
| ENGL 120 College Composition and Reading (3) |
| ENGL 124 Advanced Composition: Critical Reasoning and Writing (3) |

| ENGLISH LITERATURE |
| ENGL 122 Introduction to Literature (3) |
| ENGL 214 Masterpieces of Drama (3) |
| ENGL 221 British Literature I (3) |
| ENGL 222 British Literature II (3) |
| ENGL 231 American Literature I (3) |
| ENGL 232 American Literature II (3) |
| ENGL 270 World Literature I (3) |
| ENGL 271 World Literature II (3) |

| HISTORY |
| HIST 100 Early World History (3) |
| HIST 101 Modern World History (3) |
| HIST 105 Early Western Civilization (3) |
| HIST 106 Modern Western Civilization (3) |
| HIST 108 Early American History (3) |
| HIST 109 Modern American History (3) |
| History |
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<table>
<thead>
<tr>
<th>PHILOSOPHY</th>
<th>PHILOSOPHY</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 110</td>
<td>A General Introduction (3)</td>
</tr>
<tr>
<td></td>
<td>to Philosophy</td>
</tr>
<tr>
<td>PHIL 115</td>
<td>History of Philosophy (3)</td>
</tr>
<tr>
<td></td>
<td>I: Ancient</td>
</tr>
<tr>
<td>PHIL 117</td>
<td>History of Philosophy (3)</td>
</tr>
<tr>
<td></td>
<td>II: Modern and</td>
</tr>
<tr>
<td></td>
<td>Contemporary</td>
</tr>
<tr>
<td>PHIL 140</td>
<td>Problems In Ethics (3)</td>
</tr>
<tr>
<td>PHIL 170</td>
<td>Philosophy of Religion: A</td>
</tr>
<tr>
<td></td>
<td>Cross-Cultural</td>
</tr>
<tr>
<td></td>
<td>Introduction</td>
</tr>
<tr>
<td>OR</td>
<td>OR</td>
</tr>
<tr>
<td>HUMAN 1A</td>
<td>Humanities Core Lecture (4)</td>
</tr>
<tr>
<td>&amp; 6</td>
<td>No course articulated</td>
</tr>
<tr>
<td>HUMAN 1B</td>
<td>Humanities Core Lecture (4)</td>
</tr>
<tr>
<td>&amp; 6</td>
<td></td>
</tr>
<tr>
<td>HUMAN 1C</td>
<td>Humanities Core Lecture (4)</td>
</tr>
<tr>
<td>&amp; 6</td>
<td></td>
</tr>
<tr>
<td>HUMAN 1AS</td>
<td>Humanities Core Writing (4)</td>
</tr>
<tr>
<td>&amp; 6</td>
<td></td>
</tr>
<tr>
<td>HUMAN 1BS</td>
<td>Humanities Core Writing (4)</td>
</tr>
<tr>
<td>&amp; 6</td>
<td></td>
</tr>
<tr>
<td>HUMAN 1CS</td>
<td>Humanities Core Writing (4)</td>
</tr>
</tbody>
</table>

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END OF PHILOSOPHY

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

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

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

- 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](http://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](http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#ap)

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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 180</td>
<td>Analytic Geometry and Calculus I</td>
<td>5</td>
</tr>
<tr>
<td>MATH 280</td>
<td>Analytic Geometry and Calculus II</td>
<td>4</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 Code</th>
<th>Course Name</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 190</td>
<td>Mechanics and Heat</td>
<td>5</td>
</tr>
<tr>
<td>PHYSICS 7D</td>
<td>Classical Physics</td>
<td>4</td>
</tr>
<tr>
<td>PHYSICS 200</td>
<td>Electricity and Magnetism</td>
<td>5</td>
</tr>
<tr>
<td>PHYSICS 7E</td>
<td>Classical Physics</td>
<td>4</td>
</tr>
</tbody>
</table>

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**ADDITIONAL APPROVED COURSES FOR THE MAJOR**
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<table>
<thead>
<tr>
<th>PHYSICS 52A</th>
<th>Fundamentals of Experimental Physics (2)</th>
<th>PHYC 210</th>
<th>Wave Motion and Modern Physics (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 52B</td>
<td>Fundamentals of Experimental Physics (2)</td>
<td>PHYC 200</td>
<td>Electricity and Magnetism (5)</td>
</tr>
<tr>
<td>PHYSICS 52C</td>
<td>Fundamentals of Experimental Physics (2)</td>
<td>No course articulated</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PHYSICS 53</th>
<th>Introduction to C and Numerical Analysis (4)</th>
<th>CS 181</th>
<th>Introduction to C++ Programming (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EECS 10</td>
<td>Computational Methods in Electrical and Computer Engineering (4)</td>
<td>CS 181</td>
<td>Introduction to C++ Programming (4)</td>
</tr>
<tr>
<td>EECS 12</td>
<td>Introduction to Programming (4)</td>
<td>CS 181</td>
<td>Introduction to JAVA Programming (4)</td>
</tr>
<tr>
<td>ENGRMAE 10</td>
<td>Introduction to Engineering Computations (4)</td>
<td>CS 181</td>
<td>Introduction to C++ Programming (4)</td>
</tr>
<tr>
<td>I&amp;C SCI 31</td>
<td>Introduction to Programming (4)</td>
<td>No course articulated</td>
<td></td>
</tr>
</tbody>
</table>

| PHYSICS 60 | Thermal Physics (4) | No course articulated |
| PHYSICS 61A| Modern Physics (4)  | No course articulated |
| PHYSICS 61B| Modern Physics (4)  | No course articulated |

<table>
<thead>
<tr>
<th>MATH 2D</th>
<th>Multivariable Calculus (4)</th>
<th>MATH 281</th>
<th>Multivariable Calculus (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2E</td>
<td>Multivariable Calculus (4)</td>
<td>MATH 281</td>
<td>Multivariable Calculus (4)</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>Introduction to Linear Algebra (4)</td>
<td>MATH 284</td>
<td>Linear Algebra (3)</td>
</tr>
<tr>
<td>MATH 3D</td>
<td>Elementary Differential Equations (4)</td>
<td>MATH 285</td>
<td>Differential Equations (3)</td>
</tr>
</tbody>
</table>

| PHYSICS 50 | Mathematical Methods for Physical Science (4) | No course articulated | |

END OF PHYSICS
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================================================================================

====Political Science, B.A.====

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

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

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

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

**Five Lower Division Courses in Political Science:**

Four courses must be chosen from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Articulated to</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL SCI 11A</td>
<td>Introduction to Political Science: Political Analysis</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>POL SCI 11B</td>
<td>Introduction to Political Science: Macropolitics</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<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 21A</td>
<td>Introduction to American Government</td>
<td>(4)</td>
<td>POSC 121: Introduction to U.S. Government and Politics (3)</td>
</tr>
<tr>
<td>POL SCI 31A</td>
<td>Introduction to Political Theory</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>POL SCI 41A</td>
<td>Introduction to International Relations</td>
<td>(4)</td>
<td>POSC 130: Introduction to International Relations (3)</td>
</tr>
<tr>
<td></td>
<td>Same as: INTL ST 14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POL SCI 51A</td>
<td>Introduction to Politics Around the World</td>
<td>(4)</td>
<td>POSC 124: Comparative Government and Politics (3)</td>
</tr>
<tr>
<td>POL SCI 61A</td>
<td>Introduction to Race and Ethnicity in Political Science</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td></td>
<td>Same as: CHC/LAT 64</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POL SCI 71A</td>
<td>Introduction to Law</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
</tbody>
</table>

One additional course in Political Science not used above:

One additional course in Political Science not used above:
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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>POSC 120</td>
<td>Introduction to Politics and Political Analysis</td>
<td>3</td>
</tr>
<tr>
<td>POSC 121</td>
<td>Introduction to U.S. Government and Politics</td>
<td>3</td>
</tr>
<tr>
<td>POSC 124</td>
<td>Introduction to Comparative Government and Politics</td>
<td>3</td>
</tr>
<tr>
<td>POSC 130</td>
<td>Introduction to International Relations</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>AND</td>
<td></td>
</tr>
<tr>
<td></td>
<td>One additional course in Political Science or other Social Science discipline:</td>
<td></td>
</tr>
<tr>
<td>ANTH 120</td>
<td>Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 130</td>
<td>Introduction to Physical Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ECON 110</td>
<td>Economic Issues and Policies</td>
<td>3</td>
</tr>
<tr>
<td>ECON 120</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 121</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 106</td>
<td>World Regional Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 120</td>
<td>Physical Geography: Earth Systems</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 130</td>
<td>Human Geography: The Cultural Landscape</td>
<td>3</td>
</tr>
<tr>
<td>HIST 118</td>
<td>U.S. History: Chicano/Chicana Perspectives I</td>
<td>3</td>
</tr>
<tr>
<td>HIST 119</td>
<td>U.S. History: Chicano/Chicana Perspectives II</td>
<td>3</td>
</tr>
<tr>
<td>POSC 120</td>
<td>Introduction to Politics and Political Analysis</td>
<td>3</td>
</tr>
<tr>
<td>POSC 121</td>
<td>Introduction to U.S. Government and Politics</td>
<td>3</td>
</tr>
<tr>
<td>POSC 124</td>
<td>Introduction to Comparative Government and Politics</td>
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</tr>
<tr>
<td>POSC 130</td>
<td>Introduction to International Relations</td>
<td>3</td>
</tr>
<tr>
<td>PSY 120</td>
<td>Introductory Psychology</td>
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<tr>
<td>PSY 125</td>
<td>Cross-Cultural Psychology</td>
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<tr>
<td>PSY 138</td>
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</tbody>
</table>
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| PSY 140     Physiological Psychology (3) |
| PSY 150     Developmental Psychology (3) |
| PSY 170     Abnormal Psychology (3) |
| PSY 220     Learning (3) |
| SOC 120     Introductory Sociology (3) |
| SOC 125     Marriage, Family and Alternative Life Styles (3) |
| SOC 130     Contemporary 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) OR MATH 2B & Single-Variable Calculus (4) |
| STATS 7 Basic Statistics (4) OR MGMT 7 Statistics for Business Decision Making (4) |
| OR | OR |
| MATH 180 & Analytic Geometry and Calculus I (5) OR MATH 160 Elementary Statistics (4) |
| OR | OR |
| BIO 215 Statistics for Life Sciences (3) OR PSY 215 Statistics for the Behavioral Sciences (4) |
| OR | OR |
| SOC SCI 10A Probability and Statistics in the Social Sciences I (4) |
| SOC SCI 10B Probability and Statistics in the Social Sciences II (4) |
| SOC SCI 10C Probability and Statistics in the Social Sciences III (4) |

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

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

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

====Psychological Science, B.A.====  
(previously Psychology and Social Behavior, B.A.)

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

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

For information 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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<td>PSY 120 Introductory Psychology</td>
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<td>PSY 140 Physiological Psychology</td>
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<tr>
<td>PSY BEH 11B</td>
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<td>PSY 170 Abnormal Psychology</td>
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<tr>
<td>SOCECOL E8</td>
<td>Introduction to Environmental Analysis and Design</td>
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<td>BIO 112 Contemporary Issues in Environmental Resources</td>
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<td>OR</td>
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<td>PPD 4</td>
<td>Introduction to Urban Studies</td>
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<td>SOCECOL 13</td>
<td>Statistical Analysis in Social Ecology</td>
<td>4</td>
<td>BIO 215 Statistics for Life Sciences</td>
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<td>OR</td>
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<td></td>
<td>MATH 160 Elementary Statistics</td>
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<td></td>
<td>PSY 215 Statistics for the Behavioral Sciences</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: Cuyamaca College
=================================================================================================

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: Cuyamaca College

================================================================================
====Psychology, B.A.====

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

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

For information 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

--------------------------------------------------------------------------------
PSYCH 9A    Psychology Fundamentals   (4)|PSY 120 & Introductory Psychology (3)
Same as: PSY BEH 11A
|PSY 140 Physiological Psychology (3)
--------------------------------------------------------------------------------
PSYCH 9B    Psychology Fundamentals   (4)|No course articulated-Course must be taken at UCI
Same as: PSY BEH 11B
--------------------------------------------------------------------------------
PSYCH 9C    Psychology Fundamentals   (4)|PSY 120 & Introductory Psychology (3)
Same as: PSY BEH 11C
|PSY 138 Social Psychology (3)
| OR
|PSY 170 Abnormal Psychology (3)
--------------------------------------------------------------------------------
One additional lower-division Psychology course:
|PSY 125 Cross-Cultural Psychology (3)
|PSY 150 Developmental Psychology (3)
|PSY 220 Learning (3)

Two courses from:
| Two courses from:
|ANTHRO 2A Introduction to Sociocultural Anthropology (4)|ANTHRO 120 Cultural Anthropology (3)
|ANTHRO 2B Introduction to Biological Anthropology (4)|ANTHRO 130 Introduction to Physical Anthropology (3)
|ANTHRO 2D Introduction to Language and Culture (4)|No course articulated
| Same as: LINGUIS 68
|ECON 1 Introduction to Economics (4)|ECON 110 Economic Issues and Policies (3)
|LINGUIS 3 Introduction to Linguistics (4)|No course articulated
|POL SCI 11C Introduction to Political Science: (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: Cuyamaca College

|================================================================================|
| Micropolitics | | |
| SOC SCI 5A | Introduction to Human Geography | (4) | GEOG 130 | Human Geography: The Cultural Landscape | (3) |
| | | | OR | GEOG 120 | Physical Geography: Earth Systems | (3) |
| | | | OR | GEOG 106 | World Regional Geography | (3) |
| SOCIOL 1 | Introduction to Sociology | (4) | SOC 120 | Introductory Sociology | (3) |
| SOCIOL 2 | Global and International Sociology | (4) | No course articulated | |
| SOCIOL 3 | Introduction to Social Problems | (4) | SOC 130 | Contemporary 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 180 | Analytic Geometry and Calculus I | (5) |
| MATH 2B | Single-Variable Calculus | (4) | MATH 160 | Elementary Statistics | (4) |
| STATS 7 | Basic Statistics | (4) | BIO 215 | Statistics for Life Sciences | (3) |
| | OR | | OR | PSY 215 | Statistics for the Behavioral Sciences | (4) |
| MGMT 7 | Statistics for Business Decision Making | (4) | No course articulated | |
| 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 | | |
| 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: Cuyamaca 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:

<table>
<thead>
<tr>
<th>ANTHROLOGY</th>
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<tbody>
<tr>
<td>ANTHRO 2A</td>
</tr>
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<td>ANTHRO 2B</td>
</tr>
<tr>
<td>ANTHRO 2C</td>
</tr>
<tr>
<td>ANTHRO 2D</td>
</tr>
<tr>
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</table>

<table>
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<tr>
<th>ECONOMICS</th>
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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: Cuyamaca College

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

| ECON 1    | Introduction to Economics | (4) | ECON 110    | Economic Issues and Policies | (3) |
| ECON 13   | Global Economy            | (4) | No course articulated |
| ECON 20A  | Basic Economics I         | (4) | ECON 121    | Principles of Microeconomics | (3) |
| ECON 20B  | Basic Economics II        | (4) | ECON 120    | Principles of Macroeconomics | (3) |

**SOCIAL ECOLOGY**

| SOCECOL E8 | Introduction to Environmental Analysis | (4) | BIO 112    | Contemporary Issues in Environmental Resources | (3) |

**POLITICAL SCIENCE**

| POL SCI 11C | Introduction to Political Science: Micropolitics | (4) | No course articulated |
| POL SCI 31A | Introduction to Political Theory | (4) | No course articulated |
| POL SCI 51A | Introduction to Politics Around the World | (4) | POSC 124    | Introduction to Comparative Government and Politics | (3) |

**PSYCHOLOGY**

| PSY BEH 9 | Introduction to Psychology | (4) | PSY 120    | Introductory Psychology | (3) |
| Same as: PSYCH 7A |

**SOCIOLOGY**

| SOCIOL 1   | Introduction to Sociology | (4) | SOC 120    | Introductory Sociology | (3) |
| SOCIOL 2   | Global and International Sociology | (4) | No course articulated |
| SOCIOL 3   | Introduction to Social Problems | (4) | SOC 130    | Contemporary Social Problems | (3) |

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**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

| PUBHLTH 1  | Principles of Public Health | (4) | HED 201    | Introduction to Public Health | (3) |
| PUBHLTH 2  | Case Studies in Public Health Practice | (4) | No course articulated |

Three courses from Biological Sciences: Two semesters from:

| BIO SCI 9A | Nutrition Science | (4) | No course articulated |
# Articulation Agreement by Major

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

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

<table>
<thead>
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<th>To: UC Irvine</th>
<th>From: Cuyamaca College</th>
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<table>
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<tr>
<td>BIO SCI 9G</td>
<td>Way Your Body Works</td>
<td>4</td>
<td>No course articulated</td>
</tr>
<tr>
<td>BIO SCI 9J</td>
<td>Biology of Oriental Medicine</td>
<td>4</td>
<td>No course articulated</td>
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<tr>
<td>BIO SCI 9N</td>
<td>Introduction to Complementary and Alternative Medicine</td>
<td>4</td>
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<tr>
<td>BIO SCI 10</td>
<td>The Biology of Human Diseases</td>
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<td>BIO SCI 12B</td>
<td>Disease and Civilization</td>
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<td>BIO SCI 12D</td>
<td>Molecular Basis of Human Disease</td>
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<td>BIO SCI 25</td>
<td>Biology of Cancer</td>
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<td>BIO SCI 30</td>
<td>Biomedical Ethics</td>
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<td>BIO SCI 35</td>
<td>The Brain and Behavior</td>
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<td>BIO SCI 36</td>
<td>Drugs and the Brain</td>
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<td>BIO SCI 37</td>
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<tr>
<td>BIO SCI 93</td>
<td>From DNA to Organisms</td>
<td>4</td>
<td>BIO 230 Principles of Cellular, (4) Molecular and Evolutionary Biology</td>
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Students must complete one semester of calculus and one semester of statistics to complete the mathematics requirement.

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<tr>
<td>MATH 2A</td>
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<td>MATH 180 Analytic Geometry and Calculus I (5)</td>
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<td>MATH 2B</td>
<td>Single-Variable Calculus</td>
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<td>MATH 280 Analytic Geometry and Calculus II (4)</td>
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<tr>
<td>MATH 2A &amp; MATH 2B</td>
<td>Single-Variable Calculus</td>
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<td>MATH 180 &amp; MATH 180 Analytic Geometry and Calculus I (5)</td>
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<tr>
<td>MATH 2A &amp; MATH 2B</td>
<td>Single-Variable Calculus</td>
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<td>MATH 280 Analytic Geometry and Calculus II (4)</td>
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<td>STATS 7</td>
<td>Basic Statistics</td>
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<td>Introduction to Biological Statistics</td>
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<td>BIO 215 Statistics for Life Sciences (3)</td>
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**END OF PUBLIC HEALTH POLICY**
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  
To: UC Irvine  
From: Cuyamaca 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

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

**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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<td>CHEM 1C</td>
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<td>CHEM 1LC</td>
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<td>CHEM 1LD</td>
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<td>CHEM 141</td>
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<tr>
<td>CHEM 142</td>
<td>5</td>
</tr>
<tr>
<td>BIO SCI 93</td>
<td>4</td>
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<tr>
<td>BIO SCI 94</td>
<td>4</td>
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<tr>
<td>BIO 230</td>
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<td>BIO 240</td>
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**ADDITIONAL APPROVED COURSES FOR THE MAJOR**

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<td>BIO 240</td>
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<td>Principles of Ecology, (5)</td>
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</table>
Articulation Agreement by Major  
Effective during the 18-19 Academic Year  
Applies to Fall 2019 and Fall 2020 Admissions  

To: UC Irvine | From: Cuyamaca College  
========================================================================================================
| PUBHLTH 1    Principles of Public Health | HED 201    Introduction to Public Health |
| PUBHLTH 2    Case Studies in Public Health Practice | No course articulated |
| BIO SCI 97    Genetics | BIO 124    Human Genetics in Modern Society |
| BIO SCI 98    Biochemistry | No course articulated |
| BIO SCI 99    Molecular Biology | No course articulated |
| CHEM 51A & CHEM 51LB    Organic Chemistry | CHEM 231    Organic Chemistry I |
| CHEM 51B & CHEM 51C & CHEM 51LC    Organic Chemistry | CHEM 232    Organic Chemistry II |
| Students must complete one semester of calculus and one semester of statistics to complete the mathematics requirement. |
| MATH 2A     Single-Variable Calculus | MATH 180    Analytic Geometry and Calculus I |
| MATH 2B     Single-Variable Calculus | MATH 280    Analytic Geometry and Calculus II |
| MATH 2A & MATH 2B    Single-Variable Calculus | MATH 180 & MATH 280    Analytic Geometry and Calculus I & II |
| AND         | AND         |
| STATS 7     Basic Statistics | MATH 160    Elementary Statistics |
| STATS 8     Introduction to Biological Statistics | BIO 215    Statistics for Life Sciences |
| | PSY 215    Statistics for the Behavioral Sciences |
| Three quarters of social and behavioral science courses, with at least two in the science courses selected from below: same discipline selected from: |
| ANTHROLOGY |
| ANTHRO 2A    Introduction to Sociocultural | ANTH 120    Cultural Anthropology |
Articulation Agreement by Major
Effective during the 18-19 Academic Year
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To: UC Irvine | From: Cuyamaca College

================================================================================
| Anthropology | |
| ANTHRO 2B | Introduction to Biological Anthropology | ANTH 130 | Introduction to Physical Anthropology |
| ANTHRO 2C | Introduction to Archaeology | No course articulated |
| ANTHRO 2D | Introduction to Language and Culture | No course articulated |
| Same as: LINGUIS 68 | |

ECONOMICS

| ECON 1 | Introduction to Economics | ECON 110 | Economic Issues and Policies |
| ECON 13 | Global Economy | No course articulated |
| Same as: INTL ST 13 | |
| ECON 20A | Basic Economics I | ECON 121 | Principles of Microeconomics |
| ECON 20B | Basic Economics II | ECON 120 | Principles of Macroeconomics |

SOCIAL ECOLOGY

| SOCECOL E8 | Introduction to Environmental Analysis and Design | BIO 112 | Contemporary Issues in Environmental Resources |

POLITICAL SCIENCE

| POL SCI 11C | Introduction to Political Science: Micropolitics | No course articulated |
| POL SCI 31A | Introduction to Political Theory | No course articulated |
| POL SCI 51A | Introduction to Politics Around the World | POSC 124 | Introduction to Comparative Government and Politics |

PSYCHOLOGY

| PSY BEH 9 | Introduction to Psychology | PSY 120 | Introductory Psychology |
| Same as: PSYCH 7A | |

SOCIOLOGY

| SOCIOL 1 | Introduction to Sociology | SOC 120 | Introductory Sociology |
| SOCIOL 2 | Global and International Sociology | No course articulated |
| SOCIOL 3 | Introduction to Social Problems | SOC 130 | Contemporary Social Problems |

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

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

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>ECON 20A</th>
<th>Basic Economics I (4)</th>
<th>ECON 121 Principles of Microeconomics (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 20B</td>
<td>Basic Economics II (4)</td>
<td>ECON 120 Principles of Macroeconomics (3)</td>
</tr>
<tr>
<td>----------</td>
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</tr>
<tr>
<td>MATH 2A</td>
<td>Single-Variable Calculus (4)</td>
<td>MATH 180 Analytic Geometry and Calculus I (5)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MATH 280 Analytic Geometry and Calculus II (4)</td>
</tr>
<tr>
<td>MATH 2B</td>
<td>Single-Variable Calculus (4)</td>
<td>MATH 280 Analytic Geometry and Calculus II (4)</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>Introduction to Linear Algebra (4)</td>
<td>MATH 284 Linear Algebra (3)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td>MATH 284 Linear Algebra (3)</td>
</tr>
<tr>
<td>MATH 6G</td>
<td>Linear Algebra (4)</td>
<td>MATH 284 Linear Algebra (3)</td>
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</tr>
</tbody>
</table>

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

| MATH 4 Mathematics for Economists (4) | MATH 281 Multivariable Calculus (4) |
| MATH 284 Linear Algebra (3) |
|-------------------------------|-----------------------------------|

Two introductory Social Science courses in disciplines other than Economics:
| Two courses from: |
|-------------------|-------------------|
| ANTH 120 Cultural Anthropology (3) |
| ANTH 130 Introduction to Physical Anthropology (3) |
| GEGOG 106 World Regional (3) |
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| Geography |
| GEOG 120  | Physical Geography: (3) |
|          | Earth Systems |
| GEOG 130  | Human Geography: The (3) |
|          | Cultural Landscape |
| POSC 120  | Introduction to (3) |
|          | Politics and Political |
|          | Analysis |
| PSY 120   | Introductory (3) |
|          | Psychology |
| SOC 120   | Introductory 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 |
|            | in the Social Sciences |

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

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

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

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<table>
<thead>
<tr>
<th>REL STD 5A &amp; World Religions I (4)</th>
<th>RELG 120 World Religions (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Same as: HISTORY 16A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>REL STD 5B &amp; World Religions II (4)</th>
<th>RELG 120 World Religions (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Same as: HISTORY 16B</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>REL STD 5C Inter-Religious Dialogue (4)</th>
<th>No course articulated-Course must be taken at UCI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Same as: HISTORY 16C</td>
<td></td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>Course work equivalent to UCI's sixth quarter of study in a single language other than English (at the college level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARBC 221 Arabic IV (5)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>ASL 221 American Sign Language IV (4)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>FREN 221 French IV (5)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>SPAN 221 Spanish IV (5)</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>LOWER-DIVISION WRITING</th>
<th>(Writing, Literature, History, and Philosophy) for a total of four semester courses:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 120 College Composition and Reading (3)</td>
<td></td>
</tr>
<tr>
<td>ENGL 124 Advanced Composition: Critical Reasoning and Writing (3)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ENGLISH LITERATURE</th>
<th>LITERATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 122 Introduction to Literature (3)</td>
<td></td>
</tr>
<tr>
<td>ENGL 214 Masterpieces of Drama (3)</td>
<td></td>
</tr>
<tr>
<td>ENGL 221 British Literature I (3)</td>
<td></td>
</tr>
<tr>
<td>ENGL 222 British Literature II (3)</td>
<td></td>
</tr>
<tr>
<td>ENGL 231 American Literature I (3)</td>
<td></td>
</tr>
<tr>
<td>ENGL 232 American Literature II (3)</td>
<td></td>
</tr>
<tr>
<td>ENGL 270 World Literature I (3)</td>
<td></td>
</tr>
<tr>
<td>ENGL 271 World Literature II (3)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HISTORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 100 Early World History (3)</td>
</tr>
<tr>
<td>HIST 101 Modern World History (3)</td>
</tr>
<tr>
<td>HIST 105 Early Western Civilization (3)</td>
</tr>
<tr>
<td>HIST 106 Modern Western Civilization (3)</td>
</tr>
<tr>
<td>HIST 108 Early American History (3)</td>
</tr>
<tr>
<td>HIST 109 Modern American History (3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PHILOSOPHY</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 110 A General Introduction to Philosophy (3)</td>
</tr>
<tr>
<td>PHIL 115 History of Philosophy I: Ancient (3)</td>
</tr>
<tr>
<td>PHIL 117 History of Philosophy II: Modern and Contemporary (3)</td>
</tr>
</tbody>
</table>
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| PHIL 140 | Problems In Ethics | (3) |
| PHIL 170 | Philosophy of Religion: A | (3) |
|          | Cross-Cultural Introduction | |

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
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.

______________________________________________________________________________

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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Articulated Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRM/LAW C7</td>
<td>Introduction to Criminology, Law and Society</td>
<td>(4)</td>
<td>No course articulated</td>
</tr>
<tr>
<td>SOCECOL E8</td>
<td>Introduction to Environmental Analysis and Design</td>
<td>(4)</td>
<td>BIO 112 Contemporary Issues in Environmental Resources OR OR PPD 4 Introduction to Urban Studies</td>
</tr>
<tr>
<td>PSY BEH 9</td>
<td>Introduction to Psychology Same as: PSYCH 7A</td>
<td>(4)</td>
<td>PSY 120 Introductory Psychology</td>
</tr>
<tr>
<td>OR</td>
<td>PSY BEH 11B Psychology Fundamentals Same as: PSYCH 9B</td>
<td>(4)</td>
<td>No course articulated-Course must be taken at UCI OR OR</td>
</tr>
<tr>
<td>OR</td>
<td>PSY BEH 11C Psychology Fundamentals Same as: PSYCH 9C</td>
<td>(4)</td>
<td>PSY 120 Introductory Psychology OR</td>
</tr>
<tr>
<td>OR</td>
<td>Statutory Analysis in Social Ecology</td>
<td>(4)</td>
<td>BIO 215 Statistics for Life Sciences OR MATH 160 Elementary Statistics OR OR PSY 215 Statistics for the Behavioral Sciences</td>
</tr>
</tbody>
</table>

END OF SOCIAL ECOLOGY
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================================================================================
--------------------------------------------------------------------------------------------
Articulation Agreement by Major
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====Social Policy and Public Service, B.A.====
This major replaces the Social Science major and does not require completion of prerequisites for admission as a transfer student.

Students majoring in Social Policy and Public Service must choose an area of study to further their upper-division work in either:
- Education,
- Governance, or
- Health

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

For information 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

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 180 & Analytic Geometry and Calculus I (5)
MATH 2B & Single-Variable Calculus (4)|MATH 160 Elementary Statistics (4)
STATS 7 Basic Statistics (4)|
OR
MGMT 7 Statistics for Business Decision Making (4)|BIO 215 Statistics for Life Sciences (3)
| OR
| PSY 215 Statistics for the Behavioral Sciences (4)
| OR
SOC SCI 10A & Probability and (4)|No course articulated
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<table>
<thead>
<tr>
<th>To: UC Irvine</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Statistics in the Social Sciences I</td>
<td></td>
</tr>
<tr>
<td>SOC SCI 10B &amp; Probability and Statistics in the Social Sciences II</td>
<td>(4)</td>
</tr>
<tr>
<td>SOC SCI 10C Probability and Statistics in the Social Sciences III</td>
<td>(4)</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 | 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
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================================================================================  
====Sociology, B.A.====  
This major does not require completion of prerequisites for admission as a transfer student.  
--------------------------------------------------------------------------------------------------------------------------  
**NOTE:** In fulfillment of the requirements below, a single course may be used only once.  
--------------------------------------------------------------------------------------------------------------------------  
For information about Transfer Credit for Advanced Placement Exams and International Baccalaureate Exams, go to  
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--------------------------------------------------------------------------------------------------------------------------  
SOCIOL 1  Introduction to Sociology (4) | SOC 120 Introductory Sociology (3)  
--------------------------------------------------------------------------------------------------------------------------  
SOCIOL 2  Global and International Sociology (4) | No course articulated  
OR  
SOCIOL 3  Introduction to Social Problems (4) | SOC 130 Contemporary Social Problems (3)  
--------------------------------------------------------------------------------------------------------------------------  
One additional introductory course from another Social Science discipline:  
| One course from:  
| ANTH 120 Cultural Anthropology (3)  
| ANTH 130 Introduction to Physical Anthropology (3)  
| ECON 110 Economic Issues and Policies (3)  
| ECON 120 Principles of Macroeconomics (3)  
| ECON 121 Principles of Microeconomics (3)  
| GEOG 106 World Regional Geography (3)  
| GEOG 120 Physical Geography: Earth Systems (3)  
| GEOG 130 Human Geography: The Cultural Landscape (3)  
| POSC 120 Introduction to Politics and Political Analysis (3)  
| PSY 120 Introductory Psychology (3)  
--------------------------------------------------------------------------------------------------------------------------  
One additional Social Science course:  
| One course from:  
| HIST 118 U.S. History: Chicano/Chicana Perspectives I (3)  
| HIST 119 U.S. History: (3)
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| Chicano/Chicana Perspectives II | POSC 121 Introduction to U.S. (3) Government and Politics  
| POSC 124 Introduction to Comparative Government and Politics | POSC 130 Introduction to International Relations  
| PSY 125 Cross-Cultural Psychology | PSY 138 Social Psychology (3)  
| PSY 140 Physiological Psychology | PSY 150 Developmental Psychology  
| PSY 170 Abnormal Psychology | PSY 220 Learning (3)  
| SOC 125 Marriage, Family and Alternative Life Styles |  

Two courses from: | Two courses from:  

| SOCIOL 31 Introduction to Social Psychology (4) | PSY 138 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) | SOC 125 Marriage, Family and Alternative Life Styles (3)  
| SOCIOL 63 Race and Ethnicity (4) | No course articulated  
| 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 & MATH 2B Single-Variable Calculus (4) | MATH 180 Analytic Geometry and Calculus I (5)  
| STATS 7 Basic Statistics (4) | MATH 160 Elementary Statistics (4)  
| OR MGMT 7 Statistics for Business Decision Making (4) | OR BIO 215 Statistics for Life Sciences (3)  
| OR PSY 215 Statistics for the (4) |
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<table>
<thead>
<tr>
<th>Behavioral Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>OR</td>
</tr>
<tr>
<td>SOC SCI 10A &amp; Probability and Statistics in the Social Sciences I (4)</td>
</tr>
<tr>
<td>SOC SCI 10B &amp; Probability and Statistics in the Social Sciences II (4)</td>
</tr>
<tr>
<td>SOC SCI 10C Probability and Statistics in the Social Sciences III (4)</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 in the Social Sciences (4) | No course articulated-Course must be completed at UCI |

END OF SOCIOLOGY
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====Software Engineering, B.S.====

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

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

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

1) Complete two semesters/two quarters of approved first-year calculus, and

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

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
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<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>MATH 2B</td>
<td>Single-Variable Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH 180</td>
<td>Analytic Geometry and Calculus I</td>
<td>5</td>
</tr>
<tr>
<td>MATH 280</td>
<td>Analytic Geometry and Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 31</td>
<td>Introduction to Programming</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 32</td>
<td>Programming with Software Libraries</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 33</td>
<td>Intermediate Programming</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>I&amp;C SCI 45J</td>
<td>Programming in Java as a Second Language</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 46</td>
<td>Data Structure Implementation and Analysis</td>
<td>4</td>
</tr>
<tr>
<td>IN4MATX 43</td>
<td>Introduction to Software Engineering</td>
<td>4</td>
</tr>
<tr>
<td>I&amp;C SCI 51</td>
<td>Introductory Computer Organization</td>
<td>6</td>
</tr>
<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</td>
<td>4</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>For Computer Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>I&amp;C SCI 6N  Computational Linear Algebra (4)</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>MATH 3A  Introduction to Linear Algebra (4)</td>
</tr>
</tbody>
</table>

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

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

To: UC Irvine | From: Cuyamaca College

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

SPANISH 1A & Fundamentals of Spanish (5)|SPAN 120 & Spanish I (5)
SPANISH 1B & Fundamentals of Spanish (5)|SPAN 121 Spanish II (5)
SPANISH 1C Fundamentals of Spanish (5)|

SPANISH 2A & Intermediate Spanish (4)|SPAN 220 & Spanish III (5)
SPANISH 2B & Intermediate Spanish (4)|SPAN 221 Spanish IV (5)
SPANISH 2C Intermediate Spanish (4)|

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

Emphasis in Cinema: Spain, Latin America, and U.S. Latino Add:
Articulation Agreement by Major  
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To: UC Irvine | From: Cuyamaca College
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-------------------------------------------------------------------------------- 
FLM&MDA 85A    Introduction to Film   (4) | No course articulated—Course to be 
and Visual Analysis       | completed at UCI
-------------------------------------------------------------------------------- 
At least one course from each area for a | At least one course from each area 
total of four semester or six quarter | (Writing, Literature, History, and 
courses:                                 | Philosophy) for a total of four 
| semester courses:                     |
| | |
| LOWER-DIVISION WRITING | |
| | WRITING |
| | ENGL 120    College Composition    (3) |
| | and Reading |
| | ENGL 124    Advanced Composition:  (3) |
| | Critical Reasoning and |
| | Writing |
| | |
| ENGLISH LITERATURE | LITERATURE |
| | ENGL 122    Introduction to        (3) |
| | Literature |
| | ENGL 214    Masterpieces of Drama  (3) |
| | ENGL 221    British Literature I   (3) |
| | ENGL 222    British Literature II  (3) |
| | ENGL 231    American Literature I  (3) |
| | ENGL 232    American Literature II (3) |
| | ENGL 270    World Literature I     (3) |
| | ENGL 271    World Literature II    (3) |
| | |
| HISTORY | HISTORY |
| | HIST 100    Early World History    (3) |
| | HIST 101    Modern World History   (3) |
| | HIST 105    Early Western          (3) |
| | Civilization |
| | HIST 106    Modern Western         (3) |
| | Civilization |
| | HIST 108    Early American History (3) |
| | HIST 109    Modern American        (3) |
| | History |
| | |
| PHILOSOPHY | PHILOSOPHY |
| | PHIL 110    A General Introduction (3) |
| | to Philosophy |
| | PHIL 115    History of Philosophy  (3) |
| | I: Ancient |
| | PHIL 117    History of Philosophy  (3) |
| | II: Modern and |
| | Contemporary |
| | PHIL 140    Problems in Ethics     (3) |
| | PHIL 170    Philosophy of          (3) |
| | Religion: A |
| | Cross-Cultural |
| | Introduction |
| | 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: Cuyamaca College

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>Units</th>
<th>Articulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUMAN 1A</td>
<td>Humanities Core Lecture</td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>HUMAN 1B</td>
<td>Humanities Core Lecture</td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>HUMAN 1C</td>
<td>Humanities Core Lecture</td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>HUMAN 1AS</td>
<td>Humanities Core Writing</td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>HUMAN 1BS</td>
<td>Humanities Core Writing</td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>HUMAN 1CS</td>
<td>Humanities Core Writing</td>
<td>(4)</td>
<td></td>
</tr>
</tbody>
</table>

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.ucla.edu/informationforprospectivestudents/undergraduatedmissions/#ap

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Articulated</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRM/LAW C7</td>
<td>Introduction to Criminology, Law and Society</td>
<td>4</td>
<td>No course articulated</td>
<td></td>
</tr>
<tr>
<td>SOCECOL E8</td>
<td>Introduction to Environmental Analysis and Design</td>
<td>4</td>
<td>BIO 112, Contemporary Issues in Environmental Resources</td>
<td></td>
</tr>
<tr>
<td>PSY BEH 9</td>
<td>Introduction to Psychology</td>
<td>4</td>
<td>PSY 120, Introductory Psychology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Same as: PSYCH 7A</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>PSY BEH 11B</td>
<td>Psychology Fundamentals</td>
<td>4</td>
<td>No course articulated-Course must be taken at UCI</td>
<td>OR</td>
</tr>
<tr>
<td></td>
<td>Same as: PSYCH 9B</td>
<td></td>
<td></td>
<td>OR</td>
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<tr>
<td>PSY BEH 11C</td>
<td>Psychology Fundamentals</td>
<td>4</td>
<td>PSY 120 &amp; Introductory Psychology, PSY 138, Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Same as: PSYCH 9C</td>
<td></td>
<td>PSY 170, Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOCECOL 10</td>
<td>Research Design</td>
<td>4</td>
<td>No course articulated</td>
<td></td>
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<tr>
<td>SOCECOL 13</td>
<td>Statistical Analysis in Social Ecology</td>
<td>4</td>
<td>BIO 215, Statistics for Life Sciences</td>
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<tr>
<td></td>
<td>OR MATH 160, Elementary Statistics</td>
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<td>OR</td>
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<td></td>
<td>OR PSY 215, Statistics for the Behavioral Sciences</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>
</tr>
</tbody>
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Articulation Agreement by Major
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<table>
<thead>
<tr>
<th>ECON 20A</th>
<th>Basic Economics I</th>
<th>(4)</th>
<th>ECON 121</th>
<th>Principles of Microeconomics</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>POL SCI 21A</th>
<th>Introduction to American Government</th>
<th>(4)</th>
<th>POSE 121</th>
<th>Introduction to U.S. Government and Politics</th>
</tr>
</thead>
<tbody>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
<td>OR</td>
</tr>
<tr>
<td>POL SCI 51A</td>
<td>Introduction to Politics Around the World</td>
<td>(4)</td>
<td>POSE 124</td>
<td>Introduction to Comparative Government and Politics</td>
</tr>
</tbody>
</table>

PPD 40 Urban Sociology (4) | No course articulated
OR

END OF URBAN STUDIES