Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara General Catalog, Quarter
From: Santiago Canyon College General Catalog, Semester

ACTUARIAL SCIENCE, B.S.

GENERAL INFORMATION FOR ALL MAJORS

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ACTUARIAL SCIENCE, B.S.

Please visit the department's website to learn more about this major: www.pstat.ucsb.edu

PREPARATION FOR THE MAJOR:

Mathematics 3A, 3B, 4A, 4B, 6A, 6B, 8* (these courses must be completed with grades of "C" or better)

PSTAT 10 (must be completed with a grade of "C" or better)

Computer Science 16 (Computer Science 8 is a prerequisite for Computer Science 16 at UCSB)

Writing 107A or 107B (these are upper division courses that are not articulated and will be taken at UCSB)

* Either MATH 4A, 4B, 6A, or 6B must be completed with a grade of "B" or better in order to take MATH 8 at UCSB.

Recommended courses: Economics 1 & 2, Philosophy 3 or 4
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Articulated Course Code</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 3A</td>
<td>Calculus with Applications, First Course</td>
<td>4.00</td>
<td>MATH 180</td>
<td>4.00</td>
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<td></td>
<td>MATH 180H</td>
<td>4.00</td>
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<td>MATH 3B</td>
<td>Calculus with Applications, Second Course</td>
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<td>MATH 4A</td>
<td>Linear Algebra with Applications</td>
<td>4.00</td>
<td>MATH 290</td>
<td>3.00</td>
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<td>MATH 287</td>
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<td>Differential Equations</td>
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<td>MATH 295</td>
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<td></td>
<td></td>
<td></td>
<td>MATH 287</td>
<td>5.00</td>
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<tr>
<td>MATH 6A</td>
<td>Vector Calculus with Applications, First Course</td>
<td>4.00</td>
<td>MATH 280</td>
<td>4.00</td>
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<tr>
<td>MATH 6B</td>
<td>Vector Calculus with Applications, Second Course</td>
<td>4.00</td>
<td>MATH 280</td>
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<td>MATH 8</td>
<td>Transition to Higher Mathematics</td>
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<td>No Course Articulated</td>
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<tr>
<td>PSTAT 10</td>
<td>Introduction to Computing for Data Science</td>
<td>5.00</td>
<td>No Course Articulated</td>
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<tr>
<td>CMPSC 16</td>
<td>Problem Solving with Computers, I</td>
<td>4.00</td>
<td>CMPR 121</td>
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<td></td>
<td>CMPR 132</td>
<td>3.00</td>
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<tr>
<td>WRIT 107A</td>
<td>Writing for Accounting Economics</td>
<td>4.00</td>
<td>This course is never articulated</td>
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<tr>
<td>WRIT 107B</td>
<td>Business and Administrative Writing</td>
<td>4.00</td>
<td>This course is never articulated</td>
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</tbody>
</table>

**PREPARATION FOR THE MAJOR**

**REFER TO TOP OF AGREEMENT**
**RECOMMENDED**

**REFER TO TOP OF AGREEMENT**

| CMPSC 8 - Introduction to Computer Science (4.00) | CMPR 120 - Introduction to Programming (3.00) |
| Or | CMPR 122 - Programming Concepts and Methodology I (3.00) |
| ECON 1 - Principles of Economics-Micro (4.00) | ECON 101 - Principles/ Micro (3.00) |
| ECON 2 - Principles of Economics-Macro (4.00) | ECON 102 - Principles/ Macro (3.00) |
| PHIL 3 - Critical Thinking (4.00) | PHIL 111 - Introductory Logic (4.00) |
| Or | PHIL 4 - Introduction to Ethics (4.00) |
| Or | PHIL 108 - Ethics (3.00) |

END OF AGREEMENT
Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

ANTHROPOLOGY, B.A. - ARCHAELOGY EMPHASIS

GENERAL INFORMATION FOR ALL MAJORS

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ANTHROPOLOGY, B.A. - ARCHAELOGY EMPHASIS

Please visit the department's website to learn more about this major: www.anth.ucsb.edu

PREPARATION FOR THE MAJOR:

Anthropology 2 and 3 and 5

Anthropology 9 or PSTAT 5A or PSTAT 5LS

PREPARATION FOR THE MAJOR

<table>
<thead>
<tr>
<th>ANTH 2 - Introductory Cultural Anthropology</th>
<th>ANTH 100 - Introduction to Cultural Anthropology (3.00)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(4.00)</td>
<td></td>
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Or
### ANTH 100H - Honors Introduction to Cultural Anthropology (3.00)

<table>
<thead>
<tr>
<th>ANTH 3 - Introductory Archaeology (5.00)</th>
<th>ANTH 103 - Introduction to Archaeology (3.00)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 5 - Introductory Biological Anthropology (4.00)</td>
<td>ANTH 101 - Introduction to Physical Anthropology (3.00)</td>
</tr>
<tr>
<td>ANTH 9 - Methods in the Human Behavioral Sciences (4.00)</td>
<td>No Course Articulated</td>
</tr>
</tbody>
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Or

<table>
<thead>
<tr>
<th>PSTAT 5A - Statistics (5.00)</th>
<th>MATH 219 - Statistics and Probability (4.00)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MATH 219H - Honors Statistics and Probability (4.00)</td>
</tr>
</tbody>
</table>

Or

| PSTAT 5LS - Statistics for Life Sciences (5.00) | No Course Articulated |

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**PREPARATION FOR THE MAJOR:**

Anthropology 2 and 3 and 5 and 7

Anthropology 9 or PSTAT 5A or PSTAT 5LS
ANTH 100H - Honors Introduction to Cultural Anthropology (3.00)

ANTH 3 - Introductory Archaeology (5.00) ← ANTH 103 - Introduction to Archaeology (3.00)

ANTH 5 - Introductory Biological Anthropology (4.00) ← ANTH 101 - Introduction to Physical Anthropology (3.00)

ANTH 7 - Introductory Biosocial Anthropology (4.00) ← No Course Articulated

ANTH 103 - Introduction to Archaeology (3.00) ← ANTH 3 - Introductory Archaeology (5.00)

ANTH 101 - Introduction to Physical Anthropology (3.00) ← ANTH 5 - Introductory Biological Anthropology (4.00)

ANTH 101 - Introduction to Physical Anthropology (3.00) ← ANTH 5 - Introductory Biological Anthropology (4.00)

ANTH 103 - Introduction to Archaeology (3.00) ← ANTH 3 - Introductory Archaeology (5.00)

ANTH 101 - Introduction to Physical Anthropology (3.00) ← ANTH 5 - Introductory Biological Anthropology (4.00)

END OF AGREEMENT
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To: University of California, Santa Barbara
General Catalog, Quarter

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ANTHROPOLOGY, B.A. - CULTURAL EMPHASIS

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ANTHROPOLOGY, B.A. - CULTURAL EMPHASIS

Please visit the department's website to learn more about this major: www.anth.ucsb.edu

PREPARATION FOR THE MAJOR:

Anthropology 2 and 3 and 5 and 9

PREPARATION FOR THE MAJOR

ANTH 2 - Introductory Cultural Anthropology (4.00) ←

ANTH 100 - Introduction to Cultural Anthropology (3.00)

Or
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>ANTH 100H</td>
<td>Honors Introduction to Cultural Anthropology</td>
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<tr>
<td>ANTH 9</td>
<td>Methods in the Human Behavioral Sciences</td>
<td>4.00</td>
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<td></td>
<td>No Course Articulated</td>
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<td>← Or</td>
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<tr>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
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<td>Introductory Archaeology</td>
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<td>ANTH 103</td>
<td>Introduction to Archaeology</td>
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<td>Introductory Biological Anthropology</td>
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<td>Methods in the Human Behavioral Sciences</td>
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<tr>
<td>PSTAT 5A</td>
<td>Statistics</td>
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<td>MATH 219</td>
<td>Statistics and Probability</td>
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<tr>
<td>PSTAT 5LS</td>
<td>Statistics for Life Sciences</td>
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Or

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<tr>
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<tr>
<td>MATH 219H</td>
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<tbody>
<tr>
<td>PSTAT 5LS</td>
<td>Statistics for Life Sciences</td>
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No Course Articulated
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AQUATIC BIOLOGY, B.S.

GENERAL INFORMATION FOR ALL MAJORS

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MAJORS IN THE BIOLOGICAL SCIENCES

Department of Ecology, Evolution, and Marine Biology (EEMB) majors: Aquatic Biology, B.S.; Biological Sciences, B.A. & B.S.; Ecology and Evolution, B.S.; Physiology, B.S.; Zoology, B.S.

Department of Molecular, Cellular, and Developmental Biology (MCDB) majors: Biochemistry-Molecular Biology, B.S.; Biological Sciences, B.A. & B.S.; Cell and Developmental Biology, B.S.; Microbiology, B.S.; Pharmacology, B.S.

PRE-MAJOR INFORMATION - Students are admitted initially to Pre-Biological Sciences, not directly to the major. Admission to the full major is contingent upon achievement of a grade point average of 2.0 or better in pertinent courses completed at the University of California. Because the criteria are subject to annual review and revision, interested students should consult the department directly to obtain current information regarding specific additional criteria for admission to the full major. Admission to the pre-major does not guarantee admission to full major status.

ADMISSION SELECTION CRITERIA - To be admitted to the Pre-Biological Sciences major, all transfer students must complete the following:
1. One year sequence of **General Chemistry with laboratory**, with no individual grade lower than "C"
2. Complete sequence of major-applicable **General Biology with laboratory**, with no individual grade lower than "C"
3. A cumulative **GPA of 2.7 or better** in the required courses listed above

For students to graduate within two years of transferring, we strongly recommend the completion of one year of organic chemistry with laboratory, one year of general physics with laboratory, and one year of calculus (or one semester each of calculus and statistics). Any of these courses completed with a grade lower than "C" might not satisfy course prerequisites at UCSB.

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**AQUATIC BIOLOGY, B.S.**

Please visit the department's website to learn more about this major: [www.lifesci.ucsb.edu](http://www.lifesci.ucsb.edu)

**PREPARATION FOR THE MAJOR:**

Chemistry 1A-1AL-1B-1BL-1C-1CL (required prior to transfer, see Admission Selection Criteria above)

MCDB 1A-1AL-1B and EEMB 2-2L-3-3L (required prior to transfer, see Admission Selection Criteria above)

Chemistry 6AL-6BL and 109A-109B

Mathematics 3A-3B or 34A-34B

PSTAT 5LS or PSTAT 5A or Mathematics 4A (Mathematics 4A is acceptable but not recommended)

Physics 6A-6AL-6B-6BL-6C-6CL

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**PREPARATION FOR THE MAJOR**

****REFER TO TOP OF AGREEMENT**

Complete entire sequence prior to transfer

Required for admission

<table>
<thead>
<tr>
<th>CHEM 1A - General Chemistry (3.00) And</th>
<th>CHEM 200A - General Chemistry A (5.00) And</th>
</tr>
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<tbody>
<tr>
<td>CHEM 1AL - General Chemistry Laboratory (2.00) And</td>
<td>CHEM 200B - General Chemistry B (5.00) Or</td>
</tr>
<tr>
<td>CHEM 1B - General Chemistry (3.00) And</td>
<td>CHEM 200AH - Honors General Chemistry AH (5.00) And</td>
</tr>
<tr>
<td>CHEM 1BL - General Chemistry Laboratory (2.00) And</td>
<td>CHEM 200B - General Chemistry B (5.00)</td>
</tr>
<tr>
<td>CHEM 1C - General Chemistry (3.00) And</td>
<td></td>
</tr>
</tbody>
</table>
EEMB 2 - Introductory Biology II - Ecology and Evolution (3.00)  
And  
EEMB 2L - Introductory Biology Laboratory II (1.00)  
Same-As: MCDB 1BL  
And  
EEMB 3 - Introductory Biology III (3.00)  
And  
EEMB 3L - Introductory Biology Laboratory III (1.00)  
And  
MCDB 1A - Introductory Biology I (4.00)  
And  
MCDB 1AL - Introductory Biology Laboratory I (1.00)  
And  
MCDB 1B - Introductory Biology II - Physiology (3.00)  
- Articulates as a sequence only

BIOL 211 - Cellular and Molecular Biology (5.00)  
And  
BIOL 212 - Animal Diversity and Ecology (5.00)  
And  
BIOL 214 - Plant Diversity and Evolution (5.00)

CHEM 6AL - Laboratory Methods of Organic Chemistry (3.00)  
And  
CHEM 6BL - Laboratory Methods of Organic Chemistry (3.00)

CHEM 109A - Organic Chemistry (4.00)  
And  
CHEM 109B - Organic Chemistry (4.00)

CHEM 280A - Organic Chemistry A (5.00)  
And  
CHEM 280B - Organic Chemistry B (5.00)

CHEM 280A - Organic Chemistry A (5.00)  
- Lower division credit only  
And  
CHEM 280B - Organic Chemistry B (5.00)  
- Lower division credit only

MATH 3A - Calculus with Applications, First Course (4.00)  
And  
MATH 3B - Calculus with Applications, Second Course (4.00)

MATH 180 - Single Variable Calculus I (4.00)  
And  
MATH 185 - Single Variable Calculus II (4.00)  
Or  
MATH 180H - Honors Single Variable Calculus I (4.00)  
And  
MATH 185 - Single Variable Calculus II (4.00)

MATH 150 - Calculus for the Biological, Management and Social Sciences (5.00)
MATH 34A - Calculus for Social and Life Sciences (4.00)

And

MATH 34B - Calculus for Social and Life Sciences (4.00)

PSTAT 5A - Statistics (5.00)

MATH 219 - Statistics and Probability (4.00)

Or

MATH 219H - Honors Statistics and Probability (4.00)

Or

PSTAT 5LS - Statistics for Life Sciences (5.00)

No Course Articulated

Or

MATH 4A - Linear Algebra with Applications (4.00)

Acceptable; Not recommended

MATH 290 - Linear Algebra (3.00)

Or

MATH 287 - Introduction to Linear Algebra and Differential Equations (5.00)

END OF AGREEMENT
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ART, B.A.

Please visit the department's website to learn more about this major: www.arts.ucsb.edu

PREPARATION FOR THE MAJOR:

Art 1A, 1C, 7A, 7B, 7C, 7D

Three courses from: Art 10, 12, 14, 18, 19, 22, 32

PREPARATION FOR THE MAJOR

| ART 1A - Visual Literacy (5.00) | No Course Articulated |
### Select 3 Course(s) from the following

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Articulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 10</td>
<td>Introduction to Painting</td>
<td>4.00</td>
<td>ART 141</td>
</tr>
<tr>
<td>ART 12</td>
<td>Beginning Spatial Practices</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ART 14</td>
<td>Lower-Division Print</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ART 18</td>
<td>Lower-Division Drawing</td>
<td>4.00</td>
<td>ART 130</td>
</tr>
<tr>
<td>ART 19</td>
<td>Lower-Division Photography</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ART 22</td>
<td>Introduction to Computer Programming in the Arts</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ART 32</td>
<td>Introduction to Digital Video</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
</tbody>
</table>

### END OF AGREEMENT
ARTICULATION AGREEMENT

by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
   General Catalog, Quarter

From: Santiago Canyon College
   General Catalog, Semester

ASIAN AMERICAN STUDIES, B.A.

GENERAL INFORMATION FOR ALL MAJORS

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ASIAN AMERICAN STUDIES, B.A.

Please visit the department's website to learn more about this major: www.asamst.ucsb.edu

PREPARATION FOR THE MAJOR:

Asian American Studies 1

Asian American Studies 4 or 5 or 71 (RG ST 71) or 79

Asian American Studies 2 or 7 or 8 or 9

PREPARATION FOR THE MAJOR

No Course Articulated
**AS AM 1** - Introduction to Asian American History, 1850-Present (4.00)

**Select 1 Course(s) from the following**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS AM 4</td>
<td>Introduction to Asian American Popular Culture (4.00)</td>
<td>No Course Articulated</td>
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<tr>
<td>AS AM 5</td>
<td>Introduction to Asian American Literature (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>AS AM 71</td>
<td>Introduction to Asian American Religions (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td></td>
<td>Same-As: RG ST 71</td>
<td></td>
</tr>
<tr>
<td>AS AM 79</td>
<td>Introduction to Playwriting (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>RG ST 71</td>
<td>Introduction to Religion in Asian America (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td></td>
<td>Same-As: AS AM 71</td>
<td></td>
</tr>
</tbody>
</table>

**Select 1 Course(s) from the following**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS AM 2</td>
<td>American Migration Since 1965: Asians and Others in the United States (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>AS AM 7</td>
<td>Globalization, Gender and Social Inequality in Asian America (4.00)</td>
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</tr>
<tr>
<td>AS AM 8</td>
<td>Introduction to Asian American Gender and Sexuality (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>AS AM 9</td>
<td>Asian American Freedom Struggles and Third World Resistance (4.00)</td>
<td>No Course Articulated</td>
</tr>
</tbody>
</table>

**END OF AGREEMENT**
Articulation Agreement
by Major
Effective during the 2017-2018 Academic Year

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   General Catalog, Quarter

From: Santiago Canyon College
   General Catalog, Semester

ASIAN STUDIES, B.A.

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ASIAN STUDIES, B.A.

PREPARATION FOR THE MAJOR

Language requirement: Two years of an East Asian language pertaining to the student's area of interest, such as Chinese, Japanese, or other language approved by the department. (UCSB's Chinese and Japanese language courses are not automatically articulated, even if community college courses are listed in the course articulation area. Students must verify their language proficiency with a placement exam. If a student has taken college courses in Chinese or Japanese, and their score on the placement exam requires them to take a UCSB course that is at the same level as the college course taken elsewhere, then only subject credit will be awarded for UCSB courses that duplicate the courses taken elsewhere.)

Core Cultural Courses: East Asian Cultural Studies (EACS) 4A and 4B
**One course from the following:** Chinese 26, 32, 35 40, 50; EACS 3, 5, 7, 14, 20, 21, 23, 30, 40, 47, 74, 80, 85; Japanese 17, 25, 50, 63, 70, 73, 80; Korean 20, 60, 75; Art History 6DS, 6DW; Comparative Literature 31; History 87, 88; Religious Studies 3, 4, 19, 21, 23, 31, 47, 73, 74.

**NOTE FOR NATIVE SPEAKERS**

Students who were educated through grade 9 or above in a school where a language other than English was the primary language of instruction will not get transfer credit for lower-division college courses teaching that language. Please contact the department about a language proficiency exam. **Performance on language proficiency exams may satisfy major requirements.**

**PREPARATION FOR THE MAJOR**

**REFER TO TOP OF AGREEMENT**

Articulation is subject to placement by proficiency exam

CHIN 1 - Elementary Modern Chinese
(5.00)

And

CHIN 2 - Elementary Modern Chinese
(5.00)

And

CHIN 3 - Elementary Modern Chinese
(5.00)
  - Or equivalent

And

CHIN 4 - Intermediate Modern Chinese
(5.00)

And

CHIN 5 - Intermediate Modern Chinese
(5.00)

And

CHIN 6 - Intermediate Modern Chinese
(5.00)
  - Or equivalent

Or

**REFER TO TOP OF AGREEMENT**

Articulation is subject to placement by proficiency exam

No Course Articulated
JAPAN 1 - First-Year Japanese I (5.00)

And

JAPAN 2 - First-Year Japanese II (5.00)

And

JAPAN 3 - First-Year Japanese III (5.00)
- Or equivalent

And

JAPAN 4 - Second-Year Japanese I (5.00)

And

JAPAN 5 - Second-Year Japanese II (5.00)

And

JAPAN 6 - Second-Year Japanese III (5.00)
- Or equivalent

Select 1 Course(s) from the following

ARTHI 6DS - Survey: History of Art in China (4.00) 
- No Course Articulated

ARTHI 6DW - Survey: Art of Japan and Korea (4.00) 
- No Course Articulated

CHIN 26 - New Phenomena in 21st Century Chinese (4.00) 
- No Course Articulated

CHIN 32 - Contemporary Chinese Religions (4.00) 
- No Course Articulated

CHIN 35 - Introduction to Taiwan Literature (4.00) 
- No Course Articulated

CHIN 40 - Popular Culture in Modern Chinese Societies (4.00) 
- No Course Articulated

CHIN 50 - Introduction to Chinese Literature: A Regional Approach (4.00) 
- No Course Articulated

C LIT 31 - Major Works of Asian Literatures (4.00) 
- No Course Articulated

EACS 3 - Introduction to Asian Religious Traditions (4.00)
Same-As: RG ST 3 
- No Course Articulated

EACS 5 - Introduction to Buddhism (4.00)
Same-As: RG ST 4 
- No Course Articulated

EACS 7 - Asian Values (4.00) 
- No Course Articulated

EACS 14 - Environment and Power in Japan (4.00) 
- No Course Articulated

EACS 20 - Nature: East Asian Views (4.00) 
- No Course Articulated
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Articulated</th>
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<tbody>
<tr>
<td>EACS 21</td>
<td>Zen Buddhism</td>
<td>4.00</td>
<td>No</td>
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<tr>
<td>EACS 23</td>
<td>Introduction to Chinese Buddhism</td>
<td>4.00</td>
<td>No</td>
</tr>
<tr>
<td>EACS 30</td>
<td>Tourism in East Asia</td>
<td>4.00</td>
<td>No</td>
</tr>
<tr>
<td>EACS 40</td>
<td>Gender and Sexuality in Modern Asia</td>
<td>4.00</td>
<td>No</td>
</tr>
<tr>
<td>EACS 47</td>
<td>Introduction to Taoism</td>
<td>4.00</td>
<td>No</td>
</tr>
<tr>
<td>EACS 74</td>
<td>The Western Discovery of Buddhism</td>
<td>4.00</td>
<td>No</td>
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<tr>
<td>EACS 80</td>
<td>East Asian Civilization</td>
<td>4.00</td>
<td>HIST 162</td>
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<tr>
<td>EACS 85</td>
<td>Modern China: An Introduction</td>
<td>4.00</td>
<td>No</td>
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<tr>
<td>JAPAN 50</td>
<td>Contemporary Japanese Literature and Beyond</td>
<td>4.00</td>
<td>No</td>
</tr>
<tr>
<td>HIST 87</td>
<td>Japanese History Through Art and Literature</td>
<td>4.00</td>
<td>No</td>
</tr>
<tr>
<td>HIST 88</td>
<td>Survey of South Asian History</td>
<td>4.00</td>
<td>No</td>
</tr>
<tr>
<td>JAPAN 17</td>
<td>Imagining the Samurai</td>
<td>4.00</td>
<td>No</td>
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<tr>
<td>JAPAN 25</td>
<td>Violence and the Japanese State</td>
<td>4.00</td>
<td>No</td>
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<tr>
<td>JAPAN 63</td>
<td>Sociology of Japan</td>
<td>4.00</td>
<td>No</td>
</tr>
<tr>
<td>JAPAN 70</td>
<td>Japan in Film</td>
<td>4.00</td>
<td>No</td>
</tr>
<tr>
<td>JAPAN 73</td>
<td>Introduction to Japanese Religion: Texts, Concepts, and Representations</td>
<td>4.00</td>
<td>No</td>
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<tr>
<td>JAPAN 80</td>
<td>Masterpieces of Japanese Literature</td>
<td>4.00</td>
<td>No</td>
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<tr>
<td>KOR 20</td>
<td>The New Korean Wave</td>
<td>4.00</td>
<td>No</td>
</tr>
<tr>
<td>KOR 60</td>
<td>Topics in Korean Television: Drama and Social Reality</td>
<td>4.00</td>
<td>No</td>
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<tr>
<td>KOR 75</td>
<td>Introduction to Popular Culture in Korean Film</td>
<td>4.00</td>
<td>No</td>
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<tr>
<td>RG ST 19</td>
<td>The Gods and Goddesses of India</td>
<td>4.00</td>
<td>No</td>
</tr>
<tr>
<td>RG ST 31</td>
<td>The Religions of Tibet</td>
<td>4.00</td>
<td>No</td>
</tr>
<tr>
<td>RG ST 47</td>
<td>Introduction to Taoism</td>
<td>4.00</td>
<td>No</td>
</tr>
</tbody>
</table>
END OF AGREEMENT
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
From: Santiago Canyon College
General Catalog, Quarter
General Catalog, Semester

**BIOCHEMISTRY, B.S.**

**GENERAL INFORMATION FOR ALL MAJORS**

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**BIOCHEMISTRY, B.S.**

Please visit the department's website to learn more about this major: [www.chem.ucsb.edu](http://www.chem.ucsb.edu)

**PRE-MAJOR INFORMATION**

Students are admitted initially to Pre-Chemistry, not directly to the major. Admission to the full major is contingent upon achievement of a grade point average of 2.00 or better in pertinent courses completed at the University of California. Because the criteria are subject to annual review and revision, interested students should consult the department directly to obtain current information regarding specific additional criteria for admission to the full major. **Admission to the pre-major does not guarantee admission to full major status.**

**I. PRE-MAJOR REQUIREMENTS**

Chemistry 1A-1AL-1B-1BL-1C-1CL

Chemistry 6AL-6BL
II. PREPARATION FOR THE MAJOR

The following courses are not required to be admitted into the Biochemistry B.S. major, but are required to complete the major.

Mathematics 6A

Physics 3L-4L or Physics 6AL-BL-CL

MCDB 1A-1AL-1B and EEMB 2 and either MCDB 1BL or EEMB 2L

Students must earn a minimum grade of C- in all major-applicable transfer courses in order to satisfy UCSB major requirements.

### PRE-MAJOR REQUIREMENTS

<table>
<thead>
<tr>
<th>CHEM 1A - General Chemistry (3.00)</th>
<th>CHEM 200A - General Chemistry A (5.00)</th>
</tr>
</thead>
<tbody>
<tr>
<td>And</td>
<td>And</td>
</tr>
<tr>
<td>CHEM 1AL - General Chemistry Laboratory (2.00)</td>
<td>CHEM 200B - General Chemistry B (5.00)</td>
</tr>
<tr>
<td>And</td>
<td>Or</td>
</tr>
<tr>
<td>CHEM 1B - General Chemistry (3.00)</td>
<td>CHEM 200AH - Honors General Chemistry AH (5.00)</td>
</tr>
<tr>
<td>And</td>
<td>And</td>
</tr>
<tr>
<td>CHEM 1BL - General Chemistry Laboratory (2.00)</td>
<td>CHEM 200B - General Chemistry B (5.00)</td>
</tr>
<tr>
<td>And</td>
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</tr>
<tr>
<td>CHEM 1C - General Chemistry (3.00)</td>
<td></td>
</tr>
<tr>
<td>And</td>
<td></td>
</tr>
<tr>
<td>CHEM 1CL - General Chemistry Laboratory (2.00)</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CHEM 6AL - Laboratory Methods of Organic Chemistry (3.00)</th>
<th>CHEM 280A - Organic Chemistry A (5.00)</th>
</tr>
</thead>
<tbody>
<tr>
<td>And</td>
<td>And</td>
</tr>
<tr>
<td>CHEM 6BL - Laboratory Methods of Organic Chemistry (3.00)</td>
<td>CHEM 280B - Organic Chemistry B (5.00)</td>
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<table>
<thead>
<tr>
<th>CHEM 109A - Organic Chemistry (4.00)</th>
<th>CHEM 280A - Organic Chemistry A (5.00)</th>
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<tbody>
<tr>
<td>And</td>
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<tr>
<td>CHEM 109B - Organic Chemistry (4.00)</td>
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</tr>
<tr>
<td>And</td>
<td></td>
</tr>
<tr>
<td>CHEM 109C - Organic Chemistry (4.00)</td>
<td>CHEM 280B - Organic Chemistry B (5.00)</td>
</tr>
<tr>
<td></td>
<td>And Lower division credit only</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
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<tr>
<td>------------</td>
<td>------------------------------------------------</td>
</tr>
<tr>
<td>MATH 3A</td>
<td>Calculus with Applications, First Course</td>
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<tr>
<td>MATH 3B</td>
<td>Calculus with Applications, Second Course</td>
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<tr>
<td>MATH 4A</td>
<td>Linear Algebra with Applications</td>
</tr>
<tr>
<td>MATH 180</td>
<td>Single Variable Calculus I</td>
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<tr>
<td>MATH 180H</td>
<td>Honors Single Variable Calculus I</td>
</tr>
<tr>
<td>MATH 185</td>
<td>Single Variable Calculus II</td>
</tr>
<tr>
<td>MATH 290</td>
<td>Linear Algebra</td>
</tr>
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<td>MATH 287</td>
<td>Introduction to Linear Algebra and Differential Equations</td>
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<td>PHYS 1</td>
<td>Basic Physics</td>
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<td>PHYS 2</td>
<td>Basic Physics</td>
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<td>PHYS 3</td>
<td>Basic Physics</td>
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<td>Basic Physics</td>
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<tr>
<td>PHYS 250A</td>
<td>Physics for Scientists and Engineering I</td>
</tr>
<tr>
<td>PHYS 250B</td>
<td>Physics for Scientists and Engineering II</td>
</tr>
<tr>
<td>PHYS 250C</td>
<td>Physics for Scientist and Engineering III</td>
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<td>PHYS 6A</td>
<td>Introductory Physics</td>
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<td>PHYS 6B</td>
<td>Introductory Physics</td>
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<tr>
<td>PHYS 6C</td>
<td>Introductory Physics</td>
</tr>
<tr>
<td>PHYS 150A</td>
<td>Introductory Physics I</td>
</tr>
<tr>
<td>PHYS 150AC</td>
<td>Introductory Physics I-Calculus</td>
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<tr>
<td>PHYS 150B</td>
<td>Introductory Physics II</td>
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<tr>
<td>PHYS 150BC</td>
<td>Introductory Physics II-Calculus</td>
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<tr>
<td>MATH 6A</td>
<td>Vector Calculus with Applications, First Course</td>
</tr>
<tr>
<td>MATH 280</td>
<td>Intermediate Calculus</td>
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<tr>
<td>PHYS 3L</td>
<td>Physics Laboratory</td>
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<tr>
<td>PHYS 4L</td>
<td>Physics Laboratory</td>
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<tr>
<td>PHYS 250B</td>
<td>Physics for Scientists and Engineering II</td>
</tr>
<tr>
<td>PHYS 250C</td>
<td>Physics for Scientist and Engineering III</td>
</tr>
<tr>
<td>PHYS 150A</td>
<td>Introductory Physics I</td>
</tr>
<tr>
<td>PHYS 150AC</td>
<td>Introductory Physics I-Calculus</td>
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</tbody>
</table>

**PREPARATION FOR THE MAJOR**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MATH 3L</td>
<td>Physics Laboratory</td>
<td>1.00</td>
</tr>
<tr>
<td>MATH 4L</td>
<td>Physics Laboratory</td>
<td>1.00</td>
</tr>
</tbody>
</table>
PHYS 6AL - Introductory Experimental Physics (1.00)
And
PHYS 6BL - Introductory Experimental Physics (1.00)
And
PHYS 6CL - Introductory Experimental Physics (1.00)

PHYS 150B - Introductory Physics II (4.00)
And
PHYS 150BC - Introductory Physics II-Calculus (1.00)

MCDB 1A - Introductory Biology I (4.00)
And
MCDB 1AL - Introductory Biology Laboratory I (1.00)
And
MCDB 1B - Introductory Biology II - Physiology (3.00)
And
EEMB 2L - Introductory Biology Laboratory II (1.00)
Same-As: MCDB 1BL
And
EEMB 2 - Introductory Biology II - Ecology and Evolution (3.00)
  - Articulates as a sequence only
  - If the entire sequence is not completed prior to transfer, students must consult the department advisor prior to enrollment

BIOL 211 - Cellular and Molecular Biology (5.00)
And
BIOL 212 - Animal Diversity and Ecology (5.00)
And
BIOL 214 - Plant Diversity and Evolution (5.00)

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Department of Ecology, Evolution, and Marine Biology (EEMB) majors: Aquatic Biology, B.S.; Biological Sciences, B.A. & B.S.; Ecology and Evolution, B.S.; Physiology, B.S.; Zoology, B.S.

Department of Molecular, Cellular, and Developmental Biology (MCDB) majors: Biochemistry-Molecular Biology, B.S.; Biological Sciences, B.A. & B.S.; Cell and Developmental Biology, B.S.; Microbiology, B.S.; Pharmacology, B.S.

PRE-MAJOR INFORMATION - Students are admitted initially to Pre-Biological Sciences, not directly to the major. Admission to the full major is contingent upon achievement of a grade point average of 2.0 or better in pertinent courses completed at the University of California. Because the criteria are subject to annual review and revision, interested students should consult the department directly to obtain current information regarding specific additional criteria for admission to the full major. Admission to the pre-major does not guarantee admission to full major status.

ADMISSION SELECTION CRITERIA - To be admitted to the Pre-Biological Sciences major, all transfer students must complete the following:
1. One year sequence of **General Chemistry with laboratory**, with no individual grade lower than "C"
2. Complete sequence of major-applicable **General Biology with laboratory**, with no individual grade lower than "C"
3. A cumulative **GPA of 2.7 or better** in the required courses listed above

For students to graduate within two years of transferring, we strongly recommend the completion of one year of organic chemistry with laboratory, one year of general physics with laboratory, and one year of calculus (or one semester each of calculus and statistics). Any of these courses completed with a grade lower than "C" might not satisfy course prerequisites at UCSB.

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**BIOCHEMISTRY-MOLECULAR BIOLOGY, B.S.**

Please visit the department's website to learn more about this major: [www.lifesci.ucsb.edu](http://www.lifesci.ucsb.edu)

**PREPARATION FOR THE MAJOR:**

Chemistry 1A-1AL-1B-1BL-1C-1CL (required prior to transfer, see Admission Selection Criteria above)

MCDB 1A-1AL-1B and EEMB 2-2L-3-3L (required prior to transfer, see Admission Selection Criteria above)

Chemistry 6AL-6BL and 109A-109B-109C

Mathematics 3A and 3B and 4A and 6A

Physics 6A-6AL-6B-6BL-6C-6CL

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**PREPARATION FOR THE MAJOR**

**REFER TO TOP OF AGREEMENT**

Complete entire sequence prior to transfer

Required for admission

**REFER TO TOP OF AGREEMENT**

Complete entire sequence prior to transfer

Required for admission
### Required for admission

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Articulation Agreement
by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

BIOLOGICAL SCIENCES, B.A. & B.S.

GENERAL INFORMATION FOR ALL MAJORS

All transfer applicants must satisfy University of California admissions eligibility requirements as well as meeting campus admission selection criteria. Completing the UC transfer admission requirements in English and mathematics by the end of the fall term prior to the fall application quarter makes an applicant more competitive for admission to UCSB. All admission requirements must be completed by the end of spring prior to transfer. For more information on UC admissions eligibility requirements and admission to UCSB, please visit the Admissions website: www.admissions.ucsb.edu

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Please note that the course "equivalencies" do not necessarily apply to UCSB general education. For information concerning satisfaction of UCSB general education requirements, please refer to the General Education/Breadth articulation agreement.

MAJORS IN THE BIOLOGICAL SCIENCES

Department of Ecology, Evolution, and Marine Biology (EEMB) majors: Aquatic Biology, B.S.; Biological Sciences, B.A. & B.S.; Ecology and Evolution, B.S.; Physiology, B.S.; Zoology, B.S.

Department of Molecular, Cellular, and Developmental Biology (MCDB) majors: Biochemistry-Molecular Biology, B.S; Biological Sciences, B.A. & B.S.; Cell and Developmental Biology, B.S.; Microbiology, B.S; Pharmacology, B.S.

PRE-MAJOR INFORMATION - Students are admitted initially to Pre-Biological Sciences, not directly to the major. Admission to the full major is contingent upon achievement of a grade point average of 2.0 or better in pertinent courses completed at the University of California. Because the criteria are subject to annual review and revision, interested students should consult the department directly to obtain current information regarding specific additional criteria for admission to the full major. Admission to the pre-major does not guarantee admission to full major status.

ADMISSION SELECTION CRITERIA - To be admitted to the Pre-Biological Sciences major, all transfer students must complete the following:
1. One year sequence of **General Chemistry with laboratory**, with no individual grade lower than "C"
2. Complete sequence of major-applicable **General Biology with laboratory**, with no individual grade lower than "C"
3. A cumulative **GPA of 2.7 or better** in the required courses listed above

For students to graduate within two years of transferring, we strongly recommend the completion of one year of organic chemistry with laboratory, one year of general physics with laboratory, and one year of calculus (or one semester each of calculus and statistics). Any of these courses completed with a grade lower than "C" might not satisfy course prerequisites at UCSB.

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**BIOLOGICAL SCIENCES, B.A. & B.S.**

Please visit the department's website to learn more about this major: [www.lifesci.ucsb.edu](http://www.lifesci.ucsb.edu)

**PREPARATION FOR THE MAJOR:**

Chemistry 1A-1AL-1B-1BL-1C-1CL (required prior to transfer, see Admission Selection Criteria above)

MCDB 1A-1AL-1B and EEMB 2-2L-3-3L (required prior to transfer, see Admission Selection Criteria above)

Chemistry 6AL-6BL and 109A-109B

Mathematics 3A-3B or 34A-34B

One of the following: PSTAT 5A or PSTAT 5LS or Mathematics 4A

Physics 6A-6AL-6B-6BL-6C-6CL (Physics 6C-6CL not required for the B.A. degree)

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**PREPARATION FOR THE MAJOR**

**REFER TO TOP OF AGREEMENT**

Complete entire sequence prior to transfer

Required for admission

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**REFER TO TOP OF AGREEMENT**

Complete entire sequence prior to transfer

Required for admission

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- Articulates as a sequence only

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<td>PSTAT 5A - Statistics (5.00) Or MATH 219 - Statistics and Probability (4.00) Or MATH 219H - Honors Statistics and Probability (4.00)</td>
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<td>Or PSTAT 5LS - Statistics for Life Sciences (5.00) Or No Course Articulated</td>
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<tr>
<td>Or MATH 4A - Linear Algebra with Applications (4.00) Or MATH 290 - Linear Algebra (3.00) Or MATH 287 - Introduction to Linear Algebra and Differential Equations (5.00)</td>
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<tr>
<td>PHYS 6A - Introductory Physics (3.00) And PHYS 6AL - Introductory Experimental Physics (1.00) And PHYS 6B - Introductory Physics (3.00) And PHYS 6BL - Introductory Experimental Physics (1.00) And PHYS 6C - Introductory Physics (3.00) And PHYS 6CL - Introductory Experimental Physics (1.00)</td>
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<tr>
<td>Or PHYS 150A - Introductory Physics I (4.00) And PHYS 150AC - Introductory Physics I-Calculus (1.00) And PHYS 150B - Introductory Physics II (4.00) And PHYS 150BC - Introductory Physics II-Calculus (1.00)</td>
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**END OF AGREEMENT**
Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

BIOPSYCHOLOGY, B.S.

GENERAL INFORMATION FOR ALL MAJORS

All transfer applicants must satisfy University of California admissions eligibility requirements as well as meeting campus admission selection criteria. Completing the UC transfer admission requirements in English and mathematics by the end of the fall term prior to the fall application quarter makes an applicant more competitive for admission to UCSB. All admission requirements must be completed by the end of spring prior to transfer. For more information on UC admissions eligibility requirements and admission to UCSB, please visit the Admissions website: www.admissions.ucsb.edu

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Please note that the course "equivalencies" do not necessarily apply to UCSB general education. For information concerning satisfaction of UCSB general education requirements, please refer to the General Education/Breadth articulation agreement.

BIOPSYCHOLOGY, B.S.

Please visit the department's website to learn more about this major: www.psych.ucsb.edu

PRE-MAJOR INFORMATION

Students are admitted initially to Pre-Biopsychology, not directly to the major. Admission to the full Biopsychology major is contingent upon fulfilling the following requirements:

1. The courses in Area I must be completed with a grade point average of 2.7 or higher in courses completed at the University of California
2. No course with a grade lower than C- in Area I
3. Not more than one course with a C- in Area I
4. No courses taken PASS/NOT PASS in Areas I and II
5. Students must satisfy Area I and GPA requirement prior to the completion of 144 total quarter units
Only UC grades go into the Pre-Major GPA. Transfer courses taken outside of UC may satisfy Pre-Major requirements, but they are not part of the Pre-Major GPA.

Because the criteria are subject to annual review and revision, transfer students should contact the department to obtain current information regarding specific additional criteria for admission to the full major. Admission to the pre-major does not guarantee admission to full major status.

I. PRE-MAJOR REQUIREMENTS

Psychology 1*

Mathematics 34A or 3A*

PSTAT 5A or equivalent*

Psychology 10A and 10B (must be taken at UCSB)*

* Students must complete PSY 1, MATH 34A or 3A, PSTAT 5A or equivalent, and CHEM 1A-1AL-1B-1BL prior to enrolling in PSY 10A, and PSY 10A is a prerequisite for PSY 10B. Transfer students should complete these courses prior to transfer so they can take PSY 10A at UCSB as soon as possible after transfer.

II. PREPARATION FOR THE MAJOR

Chemistry 1A-1AL-1B-1BL-1C-1CL*, 6AL-6BL, 109A-109B

MCDB 1A-1AL, MCDB 1B, EEMB 2, and either MCDB 1BL or EEMB 2L

Physics 6A-6AL-6B-6BL-6C-6CL

Mathematics 34B or 3B

* Students must complete PSY 1, MATH 34A or 3A, PSTAT 5A or equivalent, and CHEM 1A-1AL-1B-1BL prior to enrolling in PSY 10A, and PSY 10A is a prerequisite for PSY 10B. Transfer students should complete these courses prior to transfer so they can take PSY 10A at UCSB as soon as possible after transfer.

AREA I - PRE-MAJOR REQUIREMENTS

**REFER TO TOP OF AGREEMENT**
Recommended to be completed prior to transfer

| PSY 1 - Introduction to Psychology (4.00) | PSYC 100 - Introduction to Psychology (3.00) Or
| PSY 100H - Honors Introduction to Psychology (3.00) |

**REFER TO TOP OF AGREEMENT**
Recommended to be completed prior to transfer

| MATH 34A - Calculus for Social and Life Sciences (4.00) | MATH 150 - Calculus for the Biological, Management and Social Sciences (5.00) Or
| MATH 180 - Single Variable Calculus I (4.00) Or |

| MATH 3A - Calculus with Applications, First Course (4.00) | Or |
MATH 180H - Honors Single Variable Calculus I (4.00)

**REFER TO TOP OF AGREEMENT**
Recommended to be completed prior to transfer

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**REFER TO TOP OF AGREEMENT**
Recommended to be completed prior to transfer

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<td>PSY 10B</td>
<td>Statistical Methods in Psychology</td>
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AREA II - PREPARATION FOR THE MAJOR

**REFER TO TOP OF AGREEMENT**
Recommended to be completed prior to transfer

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<td>MCDB 1AL</td>
<td>Introductory Biology Laboratory I</td>
<td>1.00</td>
</tr>
<tr>
<td>And</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MCDB 1B</td>
<td>Introductory Biology II</td>
<td>3.00</td>
</tr>
<tr>
<td>And</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EEMB 2L</td>
<td>Introductory Biology Laboratory II</td>
<td>1.00</td>
</tr>
<tr>
<td>And</td>
<td>Same-As: MCDB 1BL</td>
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</tr>
<tr>
<td>EEMB 2</td>
<td>Introductory Biology II - Ecology</td>
<td>3.00</td>
</tr>
<tr>
<td>And</td>
<td>and Evolution</td>
<td></td>
</tr>
<tr>
<td></td>
<td>If the entire sequence is not</td>
<td></td>
</tr>
<tr>
<td></td>
<td>completed prior to transfer, students</td>
<td></td>
</tr>
<tr>
<td></td>
<td>must consult the department advisor</td>
<td></td>
</tr>
<tr>
<td></td>
<td>prior to enrollment</td>
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</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PHYS 6A</td>
<td>Introductory Physics</td>
<td>3.00</td>
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<td>And</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYS 6AL</td>
<td>Introductory Experimental Physics</td>
<td>1.00</td>
</tr>
<tr>
<td>And</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYS 6B</td>
<td>Introductory Physics</td>
<td>3.00</td>
</tr>
<tr>
<td>And</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYS 6BL</td>
<td>Introductory Experimental Physics</td>
<td>1.00</td>
</tr>
<tr>
<td>And</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYS 6C</td>
<td>Introductory Physics</td>
<td>3.00</td>
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<tr>
<td>And</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYS 6CL</td>
<td>Introductory Experimental Physics</td>
<td>1.00</td>
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<tr>
<td>And</td>
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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BIOL 211</td>
<td>Cellular and Molecular Biology</td>
<td>5.00</td>
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<td>And</td>
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</tr>
<tr>
<td>BIOL 212</td>
<td>Animal Diversity and Ecology</td>
<td>5.00</td>
</tr>
<tr>
<td>And</td>
<td></td>
<td></td>
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<tr>
<td>BIOL 214</td>
<td>Plant Diversity and Evolution</td>
<td>5.00</td>
</tr>
<tr>
<td>And</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 34B</td>
<td>Calculus for Social and Life</td>
<td>4.00</td>
</tr>
<tr>
<td>Sciences</td>
<td></td>
<td></td>
</tr>
<tr>
<td>And</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 150</td>
<td>Calculus for the Biological,</td>
<td>5.00</td>
</tr>
<tr>
<td>Management</td>
<td>and Social Sciences</td>
<td></td>
</tr>
<tr>
<td>And</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 3B</td>
<td>Calculus with Applications,</td>
<td>4.00</td>
</tr>
<tr>
<td>Second Course</td>
<td></td>
<td></td>
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<tr>
<td>And</td>
<td></td>
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<tr>
<td>MATH 185</td>
<td>Single Variable Calculus II</td>
<td>4.00</td>
</tr>
<tr>
<td>And</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**END OF AGREEMENT**
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
From: Santiago Canyon College
General Catalog, Quarter
General Catalog, Semester

BLACK STUDIES, B.A.

GENERAL INFORMATION FOR ALL MAJORS

All transfer applicants must satisfy University of California admissions eligibility requirements as well as meeting campus admission selection criteria. Completing the UC transfer admission requirements in English and mathematics by the end of the fall term prior to the fall application quarter makes an applicant more competitive for admission to UCSB. All admission requirements must be completed by the end of spring prior to transfer. For more information on UC admissions eligibility requirements and admission to UCSB, please visit the Admissions website: www.admissions.ucsb.edu

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BLACK STUDIES, B.A.

Please visit the department's website to learn more about this major: www.blackstudies.ucsb.edu

PREPARATION FOR THE MAJOR

Three courses from: Black Studies 1, 3, 4, 7

One course from: Black Studies 5, 6, 14, 15, 33, 38A, 38B, 45, 49A, 49B, 50

One course from: Asian American Studies 1, 2, 3, 4, 5, 8; Chicana/o Studies 1A, 1B, 1C; Comparative Literature 34; Environmental Studies 1, 3; Feminist Studies 20, 30, 40, 50, 60, 80; History 8, 46, 88; Sociology 1

PREPARATION FOR THE MAJOR
Select 3 Course(s) from the following

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>BL ST 1</td>
<td>Introduction to African-American Studies</td>
<td>4.00</td>
<td>No Course</td>
</tr>
<tr>
<td>BL ST 3</td>
<td>Introduction to African Studies</td>
<td>4.00</td>
<td>No Course</td>
</tr>
<tr>
<td>BL ST 4</td>
<td>Critical Introduction to Race and Racism</td>
<td>4.00</td>
<td>No Course</td>
</tr>
<tr>
<td>BL ST 7</td>
<td>Introduction to Caribbean Studies</td>
<td>4.00</td>
<td>No Course</td>
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</table>

Select 1 Course(s) from the following

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Articulated</th>
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<tbody>
<tr>
<td>BL ST 5</td>
<td>Blacks and Western Civilization</td>
<td>4.00</td>
<td>No Course</td>
</tr>
<tr>
<td>BL ST 6</td>
<td>The Civil Rights Movement</td>
<td>4.00</td>
<td>No Course</td>
</tr>
<tr>
<td>BL ST 14</td>
<td>The History of Jazz</td>
<td>4.00</td>
<td>MUS 103</td>
</tr>
<tr>
<td>BL ST 15</td>
<td>Psychology of Blacks</td>
<td>4.00</td>
<td>No Course</td>
</tr>
<tr>
<td>BL ST 33</td>
<td>Major Works of African Literatures</td>
<td>4.00</td>
<td>No Course</td>
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<td></td>
<td>Same-As: C LIT 33</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BL ST 38A</td>
<td>Introduction to African-American Literature (Part I)</td>
<td>4.00</td>
<td>No Course</td>
</tr>
<tr>
<td>BL ST 38B</td>
<td>Introduction to African-American Literature (Part II)</td>
<td>4.00</td>
<td>No Course</td>
</tr>
<tr>
<td>BL ST 45</td>
<td>Black Arts Expressions</td>
<td>4.00</td>
<td>No Course</td>
</tr>
<tr>
<td>BL ST 49A</td>
<td>Survey of African History</td>
<td>4.00</td>
<td>HIST 49A</td>
</tr>
<tr>
<td>BL ST 49B</td>
<td>Survey of African History</td>
<td>4.00</td>
<td>HIST 49B</td>
</tr>
<tr>
<td>BL ST 50</td>
<td>Blacks in the Media</td>
<td>4.00</td>
<td>No Course</td>
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</table>

Select 1 Course(s) from the following

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Articulated</th>
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</thead>
<tbody>
<tr>
<td>AS AM 1</td>
<td>Introduction to Asian American History, 1850-Present</td>
<td>4.00</td>
<td>No Course</td>
</tr>
<tr>
<td>AS AM 2</td>
<td>American Migration Since 1965: Asians and Others in the United States</td>
<td>4.00</td>
<td>No Course</td>
</tr>
<tr>
<td>AS AM 3</td>
<td>Asian American Personality and Identity</td>
<td>4.00</td>
<td>No Course</td>
</tr>
<tr>
<td>AS AM 4</td>
<td>Introduction to Asian American Popular Culture</td>
<td>4.00</td>
<td>No Course</td>
</tr>
<tr>
<td>AS AM 5</td>
<td>Introduction to Asian American Literature</td>
<td>4.00</td>
<td>No Course</td>
</tr>
<tr>
<td>AS AM 8</td>
<td>Introduction to Asian American Gender and Sexuality</td>
<td>4.00</td>
<td>No Course</td>
</tr>
<tr>
<td>CH ST 1A</td>
<td>Introduction to Chicano/a Studies</td>
<td>4.00</td>
<td>HIST 124</td>
</tr>
<tr>
<td></td>
<td>Same-As: HIST 124</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Mexican-American History in the United States (3.00)</td>
<td></td>
<td>Acceptable substitute</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
<td>Articulated</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------------------</td>
<td>---------</td>
<td>-------------</td>
</tr>
<tr>
<td>CH ST 1B</td>
<td>Introduction to Chicano/a Studies</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>CH ST 1C</td>
<td>Introduction to Chicano/a Studies</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>C LIT 34</td>
<td>Literature of the Americas</td>
<td>4.00</td>
<td>No Course Articulated</td>
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<tr>
<td>ENV S 1</td>
<td>Introduction to Environmental Studies</td>
<td>4.00</td>
<td>BIOL 200 - Environment of Man (3.00)</td>
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<tr>
<td>ENV S 3</td>
<td>Introduction to the Social and Cultural Environment</td>
<td>4.00</td>
<td>No Course Articulated</td>
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<tr>
<td>FEMST 20</td>
<td>Gender and Power: Introduction to Feminist Studies</td>
<td>4.00</td>
<td>WMNS 101 - Introduction to Women's Studies (3.00)</td>
</tr>
<tr>
<td>FEMST 30</td>
<td>Women, Development, and Globalization</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>FEMST 40</td>
<td>Women, Representation, and Cultural Production</td>
<td>5.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>FEMST 50</td>
<td>Global Feminisms and Social Justice</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>FEMST 60</td>
<td>Women of Color: Race, Class, and Ethnicity</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>FEMST 80</td>
<td>Introduction to LGBTQ Studies</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>HIST 8</td>
<td>Introduction to History of Latin America</td>
<td>4.00</td>
<td>HIST 152 - Latin American History (3.00)</td>
</tr>
<tr>
<td>HIST 46</td>
<td>Survey of Middle Eastern History</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>HIST 88</td>
<td>Survey of South Asian History</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
</tbody>
</table>
| SOC 1      | Introduction to Sociology                        | 4.00    | SOC 100 - Introduction to Sociology (3.00)  
|            |                                                  |         | Or SOC 100H - Honors Introduction to Sociology (3.00) |

END OF AGREEMENT
Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

CELL AND DEVELOPMENTAL BIOLOGY, B.S.

GENERAL INFORMATION FOR ALL MAJORS

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MAJORS IN THE BIOLOGICAL SCIENCES

Department of Ecology, Evolution, and Marine Biology (EEMB) majors: Aquatic Biology, B.S.; Biological Sciences, B.A. & B.S.; Ecology and Evolution, B.S.; Physiology, B.S.; Zoology, B.S.

Department of Molecular, Cellular, and Developmental Biology (MCDB) majors: Biochemistry-Molecular Biology, B.S.; Biological Sciences, B.A. & B.S.; Cell and Developmental Biology, B.S.; Microbiology, B.S.; Pharmacology, B.S.

PRE-MAJOR INFORMATION - Students are admitted initially to Pre-Biological Sciences, not directly to the major. Admission to the full major is contingent upon achievement of a grade point average of 2.0 or better in pertinent courses completed at the University of California. Because the criteria are subject to annual review and revision, interested students should consult the department directly to obtain current information regarding specific additional criteria for admission to the full major. Admission to the pre-major does not guarantee admission to full major status.

ADMISSION SELECTION CRITERIA - To be admitted to the Pre-Biological Sciences major, all transfer students must complete the following:
1. One year sequence of **General Chemistry with laboratory**, with no individual grade lower than "C"
2. Complete sequence of major-applicable **General Biology with laboratory**, with no individual grade lower than "C"
3. A cumulative **GPA of 2.7 or better** in the required courses listed above

For students to graduate within two years of transferring, we strongly recommend the completion of one year of organic chemistry with laboratory, one year of general physics with laboratory, and one year of calculus (or one semester each of calculus and statistics). Any of these courses completed with a grade lower than "C" might not satisfy course prerequisites at UCSB.

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**CELL AND DEVELOPMENTAL BIOLOGY, B.S.**

Please visit the department's website to learn more about this major: [www.lifesci.ucsb.edu](http://www.lifesci.ucsb.edu)

**PREPARATION FOR THE MAJOR:**

Chemistry 1A-1AL-1B-1BL-1C-1CL (required prior to transfer, see Admission Selection Criteria above)

MCDB 1A-1AL-1B and EEMB 2-2L-3-3L (required prior to transfer, see Admission Selection Criteria above)

Chemistry 6AL-6BL and 109A-109B-109C

Mathematics 3A-3B or 34A-34B

One course from: PSTAT 5LS or PSTAT 5A or Mathematics 4A

Physics 6A-6AL-6B-6BL-6C-6CL

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**PREPARATION FOR THE MAJOR**

****REFER TO TOP OF AGREEMENT**

Complete entire sequence prior to transfer

Required for admission

| CHEM 1A - General Chemistry (3.00) And |
| CHEM 1AL - General Chemistry Laboratory (2.00) And |
| CHEM 1B - General Chemistry (3.00) And |
| CHEM 1BL - General Chemistry Laboratory (2.00) And |
| CHEM 1C - General Chemistry (3.00) And |
| CHEM 1CL - General Chemistry Laboratory (2.00) |

<p>| CHEM 200A - General Chemistry A (5.00) And |
| CHEM 200B - General Chemistry B (5.00) Or |
| CHEM 200AH - Honors General Chemistry AH (5.00) And |
| CHEM 200B - General Chemistry B (5.00) |</p>
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EEMB 2</td>
<td>Introductory Biology II - Ecology and Evolution (3.00)</td>
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<tr>
<td>EEMB 2L</td>
<td>Introductory Biology Laboratory II (1.00)</td>
<td></td>
</tr>
<tr>
<td>EEMB 3</td>
<td>Introductory Biology III (3.00)</td>
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</tr>
<tr>
<td>EEMB 3L</td>
<td>Introductory Biology Laboratory III (1.00)</td>
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<tr>
<td>MCDB 1A</td>
<td>Introductory Biology I (4.00)</td>
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<tr>
<td>MCDB 1AL</td>
<td>Introductory Biology Laboratory I (1.00)</td>
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<tr>
<td>MCDB 1B</td>
<td>Introductory Biology II - Physiology (3.00)</td>
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<tr>
<td>BIOL 211</td>
<td>Cellular and Molecular Biology (5.00)</td>
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<tr>
<td>BIOL 212</td>
<td>Animal Diversity and Ecology (5.00)</td>
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<tr>
<td>BIOL 214</td>
<td>Plant Diversity and Evolution (5.00)</td>
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<td>CHEM 6AL</td>
<td>Laboratory Methods of Organic Chemistry (3.00)</td>
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<td>CHEM 6BL</td>
<td>Laboratory Methods of Organic Chemistry (3.00)</td>
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<tr>
<td>CHEM 109A</td>
<td>Organic Chemistry (4.00)</td>
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<td>CHEM 109B</td>
<td>Organic Chemistry (4.00)</td>
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<td>CHEM 109C</td>
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<td>CHEM 280A</td>
<td>Organic Chemistry A (5.00)</td>
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<tr>
<td>CHEM 280B</td>
<td>Organic Chemistry B (5.00)</td>
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<td>MATH 3A</td>
<td>Calculus with Applications, First Course (4.00)</td>
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<tr>
<td>MATH 3B</td>
<td>Calculus with Applications, Second Course (4.00)</td>
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</tr>
<tr>
<td>MATH 180</td>
<td>Single Variable Calculus I (4.00)</td>
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<tr>
<td>MATH 185</td>
<td>Single Variable Calculus II (4.00)</td>
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<tr>
<td>MATH 180H</td>
<td>Honors Single Variable Calculus I (4.00)</td>
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</tr>
<tr>
<td>MATH 185</td>
<td>Single Variable Calculus II (4.00)</td>
<td></td>
</tr>
</tbody>
</table>

**REFER TO TOP OF AGREEMENT**

Complete entire sequence prior to transfer

Required for admission

Or

Lower division credit only

**REFER TO TOP OF AGREEMENT**
MATH 34A - Calculus for Social and Life Sciences (4.00)

MATH 34B - Calculus for Social and Life Sciences (4.00)

MATH 150 - Calculus for the Biological, Management and Social Sciences (5.00)

PSTAT 5LS - Statistics for Life Sciences (5.00)

MATH 219 - Statistics and Probability (4.00)

MATH 219H - Honors Statistics and Probability (4.00)

PSTAT 5A - Statistics (5.00)

MATH 290 - Linear Algebra (3.00)

MATH 287 - Introduction to Linear Algebra and Differential Equations (5.00)

MATH 4A - Linear Algebra with Applications (4.00)

PHYS 150A - Introductory Physics I (4.00)

PHYS 150AC - Introductory Physics I-Calculus (1.00)

PHYS 150B - Introductory Physics II (4.00)

PHYS 150BC - Introductory Physics II-Calculus (1.00)

PHYS 6A - Introductory Physics (3.00)

PHYS 6AL - Introductory Experimental Physics (1.00)

PHYS 6B - Introductory Physics (3.00)

PHYS 6BL - Introductory Experimental Physics (1.00)

PHYS 6C - Introductory Physics (3.00)

PHYS 6CL - Introductory Experimental Physics (1.00)

END OF AGREEMENT
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara General Catalog, Quarter
From: Santiago Canyon College General Catalog, Semester

CHEMICAL ENGINEERING, B.S.

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GENERAL EDUCATION FOR THE COLLEGE OF ENGINEERING

**General Education Information:** Students should focus on completing major preparation requirements. If time permits, students may also take courses to fulfill either UCSB General Education requirements or IGETC (Intersegmental General Education Transfer Curriculum). Students who will not complete IGETC prior to transfer should refer to the College of Engineering General Education articulation agreement. UCSB’s General Education requirements do not need to be completed prior to transfer, but students who choose to follow College of Engineering General Education should complete two to three General Education courses prior to transfer. For more information concerning satisfaction of UCSB General Education requirements, students may also refer to the General Engineering Academic Requirements (GEAR) publication at https://engineering.ucsb.edu/undergraduate/academic-advising/gear-publications

CHEMICAL ENGINEERING, B.S.
Please visit the department's website to learn more about this major: [www.chemengr.ucsb.edu](http://www.chemengr.ucsb.edu)

**ADMISSION SELECTION CRITERIA:** Applicants to the Chemical Engineering major who complete the equivalent of all the REQUIRED UCSB major preparation courses and as many of the STRONGLY RECOMMENDED courses as possible with a major GPA of 3.6 or higher are the most competitive for admission.

Applicants without all of the REQUIRED courses will be reviewed for admission, but will have less competitive applications.

Courses for the major taken prior to admission must be completed with no grades lower than "C".

**REQUIRED** base preparation courses:

- Math 3A, 3B, 4A, 4B
- Physics 1, 2, 3, 3L
- Chemistry 1A, 1AL, 1B, 1BL, 1C, 1CL
- **Engineering 3***

*For students who are unable to complete a course articulating with Engineering 3, we will accept a course articulating with Computer Science 16 instead of Engineering 3, for admission purposes only. Computer Science 16 does not satisfy a major requirement and the student would still need to take Engineering 3 at UCSB if admitted*

**STRONGLY RECOMMENDED** advanced preparation courses:

- Chemistry 6AL, 6BL, 109A, 109B
- Math 6A, 6B

Additional major preparation courses

- Chemical Engineering 5, 10

You may attend more than one California community college to earn credit for the required major preparation courses if the courses are not offered or if your schedule constrains you from completing them at your own campus. However, it is better to complete a series (such as general chemistry or physics) at a single school.
<table>
<thead>
<tr>
<th><strong>PHYS 1</strong> - Basic Physics (4.00)</th>
<th><strong>MATH 287</strong> - Introduction to Linear Algebra and Differential Equations (5.00)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PHYS 2</strong> - Basic Physics (4.00)</td>
<td><strong>PHYS 250A</strong> - Physics for Scientists and Engineering I (5.00)</td>
</tr>
<tr>
<td><strong>PHYS 3</strong> - Basic Physics (3.00)</td>
<td><strong>PHYS 250A</strong> - Physics for Scientists and Engineering I (5.00)</td>
</tr>
<tr>
<td>And</td>
<td>And, <strong>PHYS 250B</strong> - Physics for Scientists and Engineering II (5.00)</td>
</tr>
<tr>
<td><strong>PHYS 3L</strong> - Physics Laboratory (1.00)</td>
<td></td>
</tr>
</tbody>
</table>

| **CHEM 1A** - General Chemistry (3.00) | **CHEM 200A** - General Chemistry A (5.00)                                          |
| And                                | And, **CHEM 200B** - General Chemistry B (5.00)                                       |
| **CHEM 1AL** - General Chemistry Laboratory (2.00) | Or, **CHEM 200AH** - Honors General Chemistry AH (5.00)                             |
| And                                | And, **CHEM 200B** - General Chemistry B (5.00)                                       |
| **CHEM 1B** - General Chemistry (3.00) |                                                                                   |
| And                                |                                                                                   |
| **CHEM 1BL** - General Chemistry Laboratory (2.00) |                                                                                   |
| And                                |                                                                                   |
| **CHEM 1C** - General Chemistry (3.00) |                                                                                   |
| And                                |                                                                                   |
| **CHEM 1CL** - General Chemistry Laboratory (2.00) |                                                                                   |
| ■ An AP exam cannot be used to satisfy this course requirement |                                                                                   |
| ■ An IB exam cannot be used to satisfy this course requirement |                                                                                   |

**REFER TO TOP OF AGREEMENT**

<table>
<thead>
<tr>
<th><strong>ENG 3</strong> - Introduction to Programming (3.00)</th>
<th>No Course Articulated</th>
</tr>
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**STRONGLY RECOMMENDED ADVANCED PREPARATION COURSES**

<table>
<thead>
<tr>
<th><strong>CHEM 6AL</strong> - Laboratory Methods of Organic Chemistry (3.00)</th>
<th><strong>CHEM 280A</strong> - Organic Chemistry A (5.00)</th>
</tr>
</thead>
<tbody>
<tr>
<td>And</td>
<td>And, <strong>CHEM 280B</strong> - Organic Chemistry B (5.00)</td>
</tr>
<tr>
<td><strong>CHEM 6BL</strong> - Laboratory Methods of Organic Chemistry (3.00)</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
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<tr>
<td>CHEM 109A</td>
<td>Organic Chemistry (4.00)</td>
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<td>And</td>
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</tr>
<tr>
<td>CHEM 109B</td>
<td>Organic Chemistry (4.00)</td>
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<tr>
<td>And</td>
<td></td>
</tr>
<tr>
<td>CHEM 280A</td>
<td>Organic Chemistry A (5.00)</td>
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<td>And</td>
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<tr>
<td>CHEM 280B</td>
<td>Organic Chemistry B (5.00)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 6A</td>
<td>Vector Calculus with Applications,</td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Course</td>
<td>(4.00)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 6B</td>
<td>Vector Calculus with Applications,</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Second Course</td>
<td>(4.00)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 280</td>
<td>Intermediate Calculus (4.00)</td>
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### ADDITIONAL MAJOR PREPARATION COURSES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</tr>
</thead>
<tbody>
<tr>
<td>CH E 5</td>
<td>Introduction to Chemical Engineering Design</td>
<td></td>
<td>No Course Articulated</td>
</tr>
<tr>
<td></td>
<td>(3.00)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CH E 10</td>
<td>Material and Energy Balances</td>
<td></td>
<td>No Course Articulated</td>
</tr>
<tr>
<td></td>
<td>(3.00)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
   General Catalog, Quarter

From: Santiago Canyon College
   General Catalog, Semester

CHEMISTRY, B.A.

GENERAL INFORMATION FOR ALL MAJORS

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CHEMISTRY, B.A.

Please visit the department's website to learn more about this major: www.chem.ucsb.edu

PRE-MAJOR INFORMATION

Students are admitted initially to Pre-Chemistry, not directly to the major. Admission to the full major is contingent upon achievement of a grade point average of 2.00 or better in pertinent courses completed at the University of California. Because the criteria are subject to annual review and revision, interested students should consult the department directly to obtain current information regarding specific additional criteria for admission to the full major. Admission to the pre-major does not guarantee admission to full major status.

I. PRE-MAJOR REQUIREMENTS

Chemistry 1A-1AL-1B-1BL-1C-1CL
Chemistry 6AL-6BL
Chemistry 109A-109B-109C

Mathematics 3A-3B, 4A

Physics 1-2-3-4 or Physics 6A-6B-6C

II. PREPARATION FOR THE MAJOR

The following courses are not required to be admitted into the Chemistry B.A. major, but are required to complete the major.

Mathematics 6A

Physics 3L-4L or Physics 6AL-6BL-6CL

Students must earn a minimum grade of C- in all major-applicable transfer courses in order to satisfy UCSB major requirements.
MATH 3A - Calculus with Applications, First Course (4.00)

MATH 3B - Calculus with Applications, Second Course (4.00)

MATH 4A - Linear Algebra with Applications (4.00)

MATH 180H - Honors Single Variable Calculus I (4.00)

MATH 185 - Single Variable Calculus II (4.00)

MATH 290 - Linear Algebra (3.00)

MATH 287 - Introduction to Linear Algebra and Differential Equations (5.00)

PHYS 1 - Basic Physics (4.00)

PHYS 2 - Basic Physics (4.00)

PHYS 3 - Basic Physics (3.00)

PHYS 4 - Basic Physics (3.00)

PHYS 250A - Physics for Scientists and Engineering I (5.00)

PHYS 250B - Physics for Scientists and Engineering II (5.00)

PHYS 250C - Physics for Scientist and Engineering III (5.00)

PHYS 150A - Introductory Physics I (4.00)

PHYS 150AC - Introductory Physics I-Calculus (1.00)

PHYS 150B - Introductory Physics II (4.00)

PHYS 150BC - Introductory Physics II-Calculus (1.00)

PREPARATION FOR THE MAJOR

MATH 6A - Vector Calculus with Applications, First Course (4.00)

PHYS 3L - Physics Laboratory (1.00)

PHYS 4L - Physics Laboratory (1.00)

PHYS 150A - Introductory Physics I (4.00)

PHYS 150AC - Introductory Physics I-Calculus (1.00)

PHYS 150B - Introductory Physics II (4.00)

PHYS 150BC - Introductory Physics II-Calculus (1.00)
PHYS 6AL - Introductory Experimental Physics (1.00)

And

PHYS 6BL - Introductory Experimental Physics (1.00)

And

PHYS 6CL - Introductory Experimental Physics (1.00)

And

PHYS 150BC - Introductory Physics II-Calculus (1.00)

END OF AGREEMENT
Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

CHEMISTRY, B.S.

GENERAL INFORMATION FOR ALL MAJORS

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CHEMISTRY, B.S.

Please visit the department's website to learn more about this major: www.chem.ucsb.edu

PRE-MAJOR INFORMATION

Students are admitted initially to Pre-Chemistry, not directly to the major. Admission to the full major is contingent upon achievement of a grade point average of 2.00 or better in pertinent courses completed at the University of California. Because the criteria are subject to annual review and revision, interested students should consult the department directly to obtain current information regarding specific additional criteria for admission to the full major. **Admission to the pre-major does not guarantee admission to full major status.**

I. PRE-MAJOR REQUIREMENTS

Chemistry 1A-1AL-1B-1BL-1C-1CL

Chemistry 6AL-6BL
Chemistry 109A-109B-109C
Mathematics 3A-3B, 4A
Physics 1-2-3-4

II. PREPARATION FOR THE MAJOR

The following courses are not required to be admitted into the Chemistry B.S. major, but are required to complete the major.

Chemistry 6CL
Mathematics 4B and 6A
Physics 3L-4L

Students must earn a minimum grade of C- in all major-applicable transfer courses in order to satisfy UCSB major requirements.

PRE-MAJOR REQUIREMENTS

<table>
<thead>
<tr>
<th>CHEM 1A - General Chemistry (3.00)</th>
<th>CHEM 200A - General Chemistry A (5.00)</th>
</tr>
</thead>
<tbody>
<tr>
<td>And</td>
<td>And</td>
</tr>
<tr>
<td>CHEM 1AL - General Chemistry Laboratory (2.00)</td>
<td>CHEM 200B - General Chemistry B (5.00)</td>
</tr>
<tr>
<td>And</td>
<td>Or</td>
</tr>
<tr>
<td>CHEM 1B - General Chemistry (3.00)</td>
<td>CHEM 200AH - Honors General Chemistry AH (5.00)</td>
</tr>
<tr>
<td>And</td>
<td>And</td>
</tr>
<tr>
<td>CHEM 1BL - General Chemistry Laboratory (2.00)</td>
<td>CHEM 200B - General Chemistry B (5.00)</td>
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<tr>
<td>And</td>
<td></td>
</tr>
<tr>
<td>CHEM 1C - General Chemistry (3.00)</td>
<td></td>
</tr>
<tr>
<td>And</td>
<td></td>
</tr>
<tr>
<td>CHEM 1CL - General Chemistry Laboratory (2.00)</td>
<td></td>
</tr>
</tbody>
</table>

| CHEM 6AL - Laboratory Methods of Organic Chemistry (3.00) | CHEM 280A - Organic Chemistry A (5.00) |
| And                                                     | And                                    |
| CHEM 6BL - Laboratory Methods of Organic Chemistry (3.00) | CHEM 280B - Organic Chemistry B (5.00) |

<p>| CHEM 109A - Organic Chemistry (4.00) | CHEM 280A - Organic Chemistry A (5.00) |
| And                                   | And                                    |
| CHEM 109B - Organic Chemistry (4.00) | Lower division credit only |
| And                                   | And                                    |
| CHEM 109C - Organic Chemistry (4.00) | Lower division credit only |</p>
<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>MATH 3A</td>
<td>Calculus with Applications, First Course</td>
<td>4.00</td>
</tr>
<tr>
<td>MATH 3B</td>
<td>Calculus with Applications, Second Course</td>
<td>4.00</td>
</tr>
<tr>
<td>MATH 4A</td>
<td>Linear Algebra with Applications</td>
<td>4.00</td>
</tr>
<tr>
<td>PHYS 1</td>
<td>Basic Physics</td>
<td>4.00</td>
</tr>
<tr>
<td>PHYS 2</td>
<td>Basic Physics</td>
<td>4.00</td>
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<tr>
<td>PHYS 3</td>
<td>Basic Physics</td>
<td>3.00</td>
</tr>
<tr>
<td>PHYS 4</td>
<td>Basic Physics</td>
<td>3.00</td>
</tr>
<tr>
<td>CHEM 6CL</td>
<td>Organic Chemistry Labs</td>
<td>3.00</td>
</tr>
<tr>
<td>MATH 4B</td>
<td>Differential Equations</td>
<td>4.00</td>
</tr>
<tr>
<td>MATH 6A</td>
<td>Vector Calculus with Applications, First Course</td>
<td>4.00</td>
</tr>
<tr>
<td>PHYS 3L</td>
<td>Physics Laboratory</td>
<td>1.00</td>
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<td>PHYS 4L</td>
<td>Physics Laboratory</td>
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<tr>
<td>MATH 180</td>
<td>Single Variable Calculus I</td>
<td>4.00</td>
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<tr>
<td>Or</td>
<td>MATH 180H - Honors Single Variable Calculus I</td>
<td>4.00</td>
</tr>
<tr>
<td>MATH 185</td>
<td>Single Variable Calculus II</td>
<td>4.00</td>
</tr>
<tr>
<td>MATH 290</td>
<td>Linear Algebra</td>
<td>3.00</td>
</tr>
<tr>
<td>Or</td>
<td>MATH 287 - Introduction to Linear Algebra</td>
<td>5.00</td>
</tr>
<tr>
<td>MATH 295</td>
<td>Differential Equations</td>
<td>3.00</td>
</tr>
<tr>
<td>Or</td>
<td>MATH 287 - Introduction to Linear Algebra and Differential Equations</td>
<td>5.00</td>
</tr>
<tr>
<td>MATH 280</td>
<td>Intermediate Calculus</td>
<td>4.00</td>
</tr>
<tr>
<td>PHYS 250A</td>
<td>Physics for Scientists and Engineering I</td>
<td>5.00</td>
</tr>
<tr>
<td>And</td>
<td>PHYS 250B - Physics for Scientists and Engineering II</td>
<td>5.00</td>
</tr>
<tr>
<td>PHYS 250C</td>
<td>Physics for Scientist and Engineering III</td>
<td>5.00</td>
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**PREPARATION FOR THE MAJOR**

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<thead>
<tr>
<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>PHYS 250B</td>
<td>Physics for Scientists and Engineering II</td>
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</tr>
<tr>
<td>And</td>
<td>PHYS 250C - Physics for Scientist and Engineering III</td>
<td>5.00</td>
</tr>
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</table>

**END OF AGREEMENT**
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
From: Santiago Canyon College
General Catalog, Quarter
General Catalog, Semester

CHICANA AND CHICANO STUDIES, B.A.

GENERAL INFORMATION FOR ALL MAJORS

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CHICANA AND CHICANO STUDIES, B.A.

Please visit the department's website to learn more about this major: www.chicst.ucsb.edu

PREPARATION FOR THE MAJOR:

Chicana/o Studies 1A-1B-1C

Spanish 3 or equivalent (see Department for clarification)

NOTE FOR NATIVE SPEAKERS

Students who were educated through grade 9 or above in a school where a language other than English was the primary language of instruction will not get transfer credit for lower-division college courses teaching that
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
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<tbody>
<tr>
<td>CH ST 1A</td>
<td>Introduction to Chicano/a Studies</td>
<td>4.00</td>
<td>HIST 124 - Mexican-American History in the United States (3.00) Acceptable substitute</td>
</tr>
<tr>
<td>CH ST 1B</td>
<td>Introduction to Chicano/a Studies</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>CH ST 1C</td>
<td>Introduction to Chicano/a Studies</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>SPAN 3</td>
<td>Elementary Spanish III</td>
<td>4.00</td>
<td>SPAN 102 - Elementary Spanish II (5.00) Or equivalent</td>
</tr>
</tbody>
</table>

**REFER TO TOP OF AGREEMENT**

END OF AGREEMENT
Articulation Agreement
by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
   General Catalog, Quarter

From: Santiago Canyon College
   General Catalog, Semester

CHINESE, B.A.

GENERAL INFORMATION FOR ALL MAJORS

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CHINESE, B.A.

Please visit the department's website to learn more about this major: www.eastasian.ucsb.edu

PREPARATION FOR THE MAJOR:

Chinese 1, 2, 3, 4, 5, 6 (or equivalent)

UCSB's Chinese language courses are not automatically articulated, even if community college courses are listed in the course articulation area. Students must verify their language proficiency with a placement exam. If a student has taken college courses in Chinese, and their score on the placement exam requires them to take a UCSB course that is at the same level as the college course taken elsewhere, then only subject credit will be awarded for UCSB courses that duplicate the courses taken elsewhere.

East Asian Cultural Studies 4A, 4B
### NOTE FOR NATIVE SPEAKERS

Students who were educated through grade 9 or above in a school where a language other than English was the primary language of instruction will not get transfer credit for lower-division college courses teaching that language. Please contact the department about a language proficiency exam. **Performance on language proficiency exams may satisfy major requirements.**

### HIGH PROFICIENCY TRACK

A **High Proficiency Track** is available for students who want to pursue the Chinese, B.A. and whose Chinese language proficiency is beyond the CHIN 1-6 level. Please contact the department for more information.

### PREPARATION FOR THE MAJOR

****REFER TO TOP OF AGREEMENT**

Articulation is subject to placement by proficiency exam

- **CHIN 1** - Elementary Modern Chinese (5.00)
  
  And

- **CHIN 2** - Elementary Modern Chinese (5.00)
  
  And

- **CHIN 3** - Elementary Modern Chinese (5.00)
  
  Or equivalent

****REFER TO TOP OF AGREEMENT**

Articulation is subject to placement by proficiency exam

- **CHIN 4** - Intermediate Modern Chinese (5.00)
  
  And

- **CHIN 5** - Intermediate Modern Chinese (5.00)
  
  And

- **CHIN 6** - Intermediate Modern Chinese (5.00)
  
  Or equivalent

**EACS 4A** - East Asian Traditions: Pre-Modern (4.00)

- This course is never articulated

**EACS 4B** - East Asian Traditions: Modern (4.00)

- This course is never articulated

### END OF AGREEMENT
Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

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General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

CLASSICS, B.A. - CLASSICAL ARCHAEOLOGY EMPHASIS

GENERAL INFORMATION FOR ALL MAJORS

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CLASSICS

Please visit the department's website to learn more about this major: www.classics.ucsb.edu

Classics majors must choose an emphasis in one of three areas: Classical Archaeology, Classical Language and Literature, or Greek and Roman Culture.

CLASSICS, B.A. - CLASSICAL ARCHAEOLOGY EMPHASIS

PREPARATION FOR THE MAJOR:

Greek 1, 2, 3 or Latin 1, 2, 3 (or equivalent)

Classics 20A or 40
Students completing courses in a second classical language may substitute up to 8 quarter units of such work for Classics 20A, 20B, and 40.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Articulation Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 101H</td>
<td>Honors World Civilizations to the 16th Century</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 4A</td>
<td>Western Civilization</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>WRIT 109HU</td>
<td>Writing for the Humanities</td>
<td>4.00</td>
<td>This course is never articulated</td>
</tr>
</tbody>
</table>

END OF AGREEMENT
Articulation Agreement
by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
   General Catalog, Quarter
From: Santiago Canyon College
   General Catalog, Semester

CLASSICS, B.A. - CLASSICAL LANGUAGE AND LITERATURE EMPHASIS

GENERAL INFORMATION FOR ALL MAJORS

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CLASSICS

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CLASSICS, B.A. - CLASSICAL LANGUAGE AND LITERATURE EMPHASIS

PREPARATION FOR THE MAJOR:

Greek 1, 2, 3, 100, 101 or Latin 1, 2, 3, 100, 101 (or equivalent)

Classics 20A or 40
Students completing courses in a second classical language may substitute up to 8 quarter units of such work for Classics 20A, 20B, and 40.

**PREPARATION FOR THE MAJOR**

**GREEK 1** - Elementary Greek (5.00)
**GREEK 2** - Elementary Greek (5.00)
**GREEK 3** - Intermediate Greek (5.00)

**GREEK 100** - Introduction to Greek Prose (4.00)
**GREEK 101** - Introduction to Greek Poetry (4.00)

**LATIN 1** - Elementary Latin (5.00)
**LATIN 2** - Elementary Latin (4.00)
**LATIN 3** - Intermediate Latin (4.00)

**CLASS 20A** - The Ancient Greeks (4.00)
**CLASS 40** - Greek Mythology (4.00)
**CLASS 20B** - The Romans (4.00)

**HIST 2A** - World History (4.00)
**HIST 101** - World Civilizations to the 16th Century (3.00)
| Course Code | Course Title                                      | Credit Hours | Articulation
|-------------|--------------------------------------------------|--------------|----------------
| HIST 101H   | Honors World Civilizations to the 16th Century   | 3.00         | No course articulated
| HIST 4A     | Western Civilization                             | 4.00         | No course articulated
| WRIT 109HU  | Writing for the Humanities                       | 4.00         | This course is never articulated

**END OF AGREEMENT**
CLASSICS, B.A. - GREEK AND ROMAN CULTURE EMPHASIS

GENERAL INFORMATION FOR ALL MAJORS

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CLASSICS

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Classics majors must choose an emphasis in one of three areas: Classical Archaeology, Classical Language and Literature, or Greek and Roman Culture.

CLASSICS, B.A. - GREEK AND ROMAN CULTURE EMPHASIS

PREPARATION FOR THE MAJOR:

Classics 20A and 20B

Language requirement: Completion of Greek 3 or Latin 3
Writing 109HU

Greek and Roman Culture majors are also encouraged to use their General Education requirements to take related lower-division courses in Anthropology (2, 3), Classics (36, 39, 40, 50), Comparative Literature (30A), History of Art and Architecture (6A), History (2A, 4A), Philosophy (20A), and Religious Studies (80A).

### PREPARATION FOR THE MAJOR

| CLASS 20A - The Ancient Greeks (4.00) | ← | No Course Articulated |
| CLASS 20B - The Romans (4.00) | ← | No Course Articulated |
| GREEK 3 - Intermediate Greek (5.00) | ← | No Course Articulated |
| LATIN 3 - Intermediate Latin (4.00) | ← | No Course Articulated |
| WRIT 109HU - Writing for the Humanities (4.00) | ← | This course is never articulated |

### RECOMMENDED GENERAL EDUCATION COURSES

**REFER TO TOP OF AGREEMENT**

<p>| ANTH 2 - Introductory Cultural Anthropology (4.00) | ← | ANTH 100 - Introduction to Cultural Anthropology (3.00) |
| Or | ANTH 100H - Honors Introduction to Cultural Anthropology (3.00) |
| ANTH 3 - Introductory Archaeology (5.00) | ← | ANTH 103 - Introduction to Archaeology (3.00) |
| CLASS 36 - The World of Heroes (4.00) | ← | No Course Articulated |
| CLASS 39 - Gender and Sexuality in Greece and Rome (4.00) | ← | No Course Articulated |
| CLASS 40 - Greek Mythology (4.00) | ← | No Course Articulated |
| CLASS 50 - Introduction to Classical Archaeology (4.00) | ← | No Course Articulated |
| C LIT 30A - Major Works in European Literature (4.00) | ← | No Course Articulated |
| ARTHI 6A - Art Survey I: Ancient-Medieval Art (4.00) | ← | ART 101 - Survey of Western Art History I: Prehistory through the Middle Ages (3.00) |
| HIST 2A - World History (4.00) | ← | HIST 101 - World Civilizations to the 16th Century (3.00) |
| Or |</p>
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 101H</td>
<td>Honors World Civilizations to the 16th Century</td>
<td>(3.00)</td>
</tr>
<tr>
<td>HIST 4A</td>
<td>Western Civilization</td>
<td>(4.00)</td>
</tr>
<tr>
<td>PHIL 20A</td>
<td>History of Philosophy</td>
<td>(4.00)</td>
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<tr>
<td>RG ST 80A</td>
<td>Religion and Western Civilization I: Ancient</td>
<td>(4.00)</td>
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</table>

No Course Articulated
Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
From: Santiago Canyon College

COMMUNICATION, B.A.

GENERAL INFORMATION FOR ALL MAJORS

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COMMUNICATION, B.A.

Please visit the department's website to learn more about this major: www.comm.ucsb.edu

PRE-MAJOR INFORMATION:

Students are admitted initially to Pre-Communication, not directly to the major. Students will be admitted to full Communication major status only after they complete Communication 1, 87, 88, and 89 with no grade below C- and with a grade point average of at least 3.00 for those courses completed at the University of California. (Only UC grades go into the pre-major GPA. Transfer courses taken outside of UC may satisfy pre-major requirements, but they are not part of the pre-major GPA.)

Upon successful completion of the pre-major course requirements, students may petition to full major status, generally prior to the accumulation of 100 quarter units, but not after the completion of 144 quarter units. Admission to the pre-major does not guarantee admission to the Communication major, regardless of the number and outcome of upper division Communication units taken.
### PRE-MAJOR REQUIREMENTS:

- Communication 1
- Communication 87
- Communication 88
- Communication 89

### PRE-MAJOR REQUIREMENTS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
<th>Substitution Options</th>
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<tbody>
<tr>
<td>COMM 1</td>
<td>Introduction to Communication</td>
<td>(5.00)</td>
<td>No Course Articulated</td>
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<tr>
<td>COMM 87</td>
<td>Statistical Analysis for Communication</td>
<td>(5.00)</td>
<td>MATH 219 (4.00)</td>
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<td>Or</td>
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<td></td>
<td></td>
<td></td>
<td>MATH 219H (4.00)</td>
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<td></td>
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<td>Acceptable substitute</td>
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<tr>
<td></td>
<td>Or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSTAT 5A</td>
<td>Statistics</td>
<td>(5.00)</td>
<td>MATH 219 (4.00)</td>
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<td>Or</td>
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<td></td>
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<td>MATH 219H (4.00)</td>
</tr>
<tr>
<td>PSY 5</td>
<td>Introductory Statistics</td>
<td>(5.00)</td>
<td>MATH 219 (4.00)</td>
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<td>Acceptable substitute</td>
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<td></td>
<td>MATH 219H (4.00)</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Acceptable substitute</td>
</tr>
<tr>
<td>COMM 88</td>
<td>Communication Research Methods</td>
<td>(5.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>COMM 89</td>
<td>Theories of Communication</td>
<td>(5.00)</td>
<td>No Course Articulated</td>
</tr>
</tbody>
</table>

### END OF AGREEMENT
Articulation Agreement
by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

COMPARATIVE LITERATURE, B.A.

GENERAL INFORMATION FOR ALL MAJORS

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COMPARATIVE LITERATURE, B.A.

Please visit the department's website to learn more about this major: www.complit.ucsb.edu

Comparative Literature students must select one of two emphases: Foreign Language Emphasis or Interdisciplinary Emphasis. The preparation for the major listed below is the same for both emphases.

PREPARATION FOR THE MAJOR:

A. Level 1-6 of a foreign language (six quarters or four semesters of beginning and intermediate level foreign language, or equivalent)

B. Two courses from Comparative Literature 30A-B-C, 31, 32, 33, 34, 35, 36 (by petition, students may substitute, with prior consultation with the departmental advisor, one other literature course for one of these courses)

Highly recommended: three courses from the following to create a complete A-B-C series: Art History 6A-B-C; History 2A-B-C, 4A-B-C; Philosophy 20A-B-C; Religious Studies 80A-B-C
NOTE FOR NATIVE SPEAKERS

Students who were educated through grade 9 or above in a school where a language other than English was the primary language of instruction will not get transfer credit for lower-division college courses teaching that language. Please contact the department about a language proficiency exam. Performance on language proficiency exams may satisfy major requirements.

PREPARATION FOR THE MAJOR

**REFER TO TOP OF AGREEMENT**

Completion of the sixth quarter or fourth semester (or equivalent) of a foreign language → No Course Articulated

Select 2 Course(s) from the following

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>C LIT 30A</td>
<td>Major Works in European Literature (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>C LIT 30B</td>
<td>Major Works in European Literature (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>C LIT 30C</td>
<td>Major Works in European Literature (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>C LIT 31</td>
<td>Major Works of Asian Literatures (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>C LIT 32</td>
<td>Major Works of Middle Eastern Literatures (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>C LIT 33</td>
<td>Major Works of African Literatures (4.00)</td>
<td>No Course Articulated</td>
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<td></td>
<td>Same-As: BL ST 33</td>
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</tr>
<tr>
<td>C LIT 34</td>
<td>Literature of the Americas (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>C LIT 35</td>
<td>The Making of the Modern World (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>C LIT 36</td>
<td>Global Humanities (4.00)</td>
<td>No Course Articulated</td>
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HIGHLY RECOMMENDED

Select 1 Sequence(s) from the following

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>ARTHI 6A</td>
<td>Art Survey I: Ancient-Medieval Art (4.00)</td>
</tr>
<tr>
<td>ART 101</td>
<td>Survey of Western Art History I: Prehistory through the Middle Ages (3.00)</td>
</tr>
<tr>
<td>And</td>
<td></td>
</tr>
<tr>
<td>ARTHI 6B</td>
<td>Art Survey II: Renaissance-Baroque Art (4.00)</td>
</tr>
<tr>
<td>ART 101</td>
<td>Survey of Western Art History I: Prehistory through the Middle Ages (3.00)</td>
</tr>
<tr>
<td>And</td>
<td></td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------</td>
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<tr>
<td>ART 102</td>
<td>Survey of Western Art History II: Renaissance through the Twentieth Century</td>
</tr>
<tr>
<td>ARTHI 6C</td>
<td>Art Survey III: Modern-Contemporary Art</td>
</tr>
<tr>
<td>HIST 101</td>
<td>World Civilizations to the 16th Century</td>
</tr>
<tr>
<td>HIST 101H</td>
<td>Honors World Civilizations to the 16th Century</td>
</tr>
<tr>
<td>HIST 102</td>
<td>World Civilizations since the 16th Century</td>
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<tr>
<td>HIST 102H</td>
<td>Honors World Civilizations since the 16th Century</td>
</tr>
<tr>
<td>HIST 2A</td>
<td>World History</td>
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<tr>
<td>HIST 2B</td>
<td>World History</td>
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<td>HIST 2C</td>
<td>World History</td>
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<tr>
<td>HIST 4A</td>
<td>Western Civilization</td>
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<td>HIST 4B</td>
<td>Western Civilization</td>
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<td>PHIL 20A</td>
<td>History of Philosophy</td>
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<td>PHIL 20B</td>
<td>History of Philosophy</td>
</tr>
<tr>
<td>PHIL 20C</td>
<td>History of Philosophy</td>
</tr>
<tr>
<td>RG ST 80A</td>
<td>Religion and Western Civilization I: Ancient</td>
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<tr>
<td>RG ST 80B</td>
<td>Religion and Western Civilization II: Medieval</td>
</tr>
<tr>
<td>RG ST 80C</td>
<td>Religion and Western Civilization III: Modern</td>
</tr>
</tbody>
</table>

END OF AGREEMENT
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
   General Catalog, Quarter

From: Santiago Canyon College
   General Catalog, Semester

COMPUTER ENGINEERING, B.S.

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GENERAL EDUCATION FOR THE COLLEGE OF ENGINEERING

General Education Information: Students should focus on completing major preparation requirements. If time permits, students may also take courses to fulfill either UCSB General Education requirements or IGETC (Intersegmental General Education Transfer Curriculum). Students who will not complete IGETC prior to transfer should refer to the College of Engineering General Education articulation agreement. UCSB's General Education requirements do not need to be completed prior to transfer, but students who choose to follow College of Engineering General Education should complete two to three General Education courses prior to transfer. For more information regarding satisfaction of UCSB General Education requirements, students may also refer to the General Engineering Academic Requirements (GEAR) publication at https://engineering.ucsb.edu/undergraduate/academic-advising/gear-publications

COMPUTER ENGINEERING, B.S.
Please visit the department's website to learn more about this major: www.ce.ucsb.edu

**ADMISSION SELECTION CRITERIA:** Applicants to the Computer Engineering major who complete the equivalent of all the **REQUIRED** UCSB major preparation courses and as many of the **STRONGLY RECOMMENDED** courses as possible with a major GPA of 3.6 or higher are the most competitive for admission.

Applicants without all of the **REQUIRED** courses will be reviewed for admission, but will have less competitive applications.

Courses for the major taken prior to admission must be completed with no grades lower than "C".

**REQUIRED** base preparation courses:

- Math 3A, 3B, 4A, 4B
- Physics 1, 2, 3, 3L
- Computer Science 16, 24

**STRONGLY RECOMMENDED** advanced preparation courses:

- Computer Science 32, 40
- Electrical and Computer Engineering 15A
- Chemistry 1A, 1AL

Additional major preparation courses:

- Physics 4, 4L
- Electrical and Computer Engineering 1A, 1B, 10A, 10AL, 10B, 10BL, 10C, 10CL

You may attend more than one California community college to earn credit for the required major preparation courses if the courses are not offered or if your schedule constrains you from completing them at your own campus. However, it is better to complete the physics series at a single school.

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**REQUIRED BASE PREPARATION COURSES**

<p>| <strong>MATH 3A</strong> - Calculus with Applications, First Course (4.00) | <strong>MATH 180</strong> - Single Variable Calculus I (4.00) |
| <strong>MATH 3B</strong> - Calculus with Applications, Second Course (4.00) | <strong>MATH 180H</strong> - Honors Single Variable Calculus I (4.00) |
| <strong>MATH 4A</strong> - Linear Algebra with Applications (4.00) | <strong>MATH 185</strong> - Single Variable Calculus II (4.00) |
| <strong>MATH 4B</strong> - Differential Equations (4.00) | <strong>MATH 290</strong> - Linear Algebra (3.00) |
| | <strong>MATH 287</strong> - Introduction to Linear Algebra and Differential Equations (5.00) |
| <strong>PHYS 1</strong> - Basic Physics (4.00) | <strong>MATH 295</strong> - Differential Equations (3.00) |
| | <strong>MATH 287</strong> - Introduction to Linear Algebra and Differential Equations (5.00) |</p>
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<td>PHYS 250A</td>
<td>Physics for Scientists and Engineering I (5.00)</td>
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<td>PHYS 250B</td>
<td>Physics for Scientists and Engineering II (5.00)</td>
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<tr>
<td>PHYS 250C</td>
<td>Physics for Scientists and Engineering III (5.00)</td>
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<td>PHYS 3</td>
<td>Basic Physics (3.00)</td>
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<td>PHYS 3L</td>
<td>Physics Laboratory (1.00)</td>
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<td>CMPSC 16</td>
<td>Problem Solving with Computers I (4.00)</td>
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<tr>
<td>CMPSC 24</td>
<td>Problem Solving with Computers II (4.00)</td>
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<tr>
<td>CMPSC 32</td>
<td>Object Oriented Design and Implementation (4.00)</td>
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<td>CMPSC 40</td>
<td>Foundations of Computer Science (5.00)</td>
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</tr>
<tr>
<td>ECE 15A</td>
<td>Fundamentals of Logic Design (4.00)</td>
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<td>CHEM 1AL</td>
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<tr>
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<td>General Chemistry A (5.00)</td>
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<td>STRONGLY RECOMMENDED ADVANCED PREPARATION COURSES</td>
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<tr>
<td>CMPSC 32</td>
<td>Object Oriented Design and Implementation (4.00)</td>
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### Additional Major Preparation Courses

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<tr>
<td>PHYS 250B</td>
<td>Physics for Scientists and Engineering II (5.00)</td>
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<td></td>
<td>And</td>
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</tr>
<tr>
<td>CMPSC 40</td>
<td>Foundations of Computer Science (5.00)</td>
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<td>ECE 15A</td>
<td>Fundamentals of Logic Design (4.00)</td>
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<tr>
<td>CHEM 1A</td>
<td>General Chemistry (3.00)</td>
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<tr>
<td>CHEM 1AL</td>
<td>General Chemistry Laboratory (2.00)</td>
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<tr>
<td></td>
<td>An AP exam cannot be used to satisfy this course requirement</td>
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<tr>
<td></td>
<td>An IB exam cannot be used to satisfy this course requirement</td>
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</tr>
<tr>
<td>CHEM 200A</td>
<td>General Chemistry A (5.00)</td>
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</tr>
<tr>
<td>CHEM 200AH</td>
<td>Honors General Chemistry AH (5.00)</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Units</td>
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<tr>
<td>PHYS 4</td>
<td>Basic Physics (3.00)</td>
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<td>PHYS 4L</td>
<td>Physics Laboratory (1.00)</td>
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<td>PHYS 250C</td>
<td>Physics for Scientist and Engineering III (5.00)</td>
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<td>Computer Engineering Seminar (1.00)</td>
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<tr>
<td>ECE 1B</td>
<td>Ten Puzzling Problems in Computer Engineering (1.00)</td>
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<tr>
<td>ECE 10A</td>
<td>Foundations of Analog and Digital Circuits and Systems (3.00)</td>
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<tr>
<td>ECE 10AL</td>
<td>Foundations of Analog and Digital Circuits and Systems Lab (2.00)</td>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>ECE 10B</td>
<td>Foundations of Analog and Digital Circuits and Systems (3.00)</td>
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<td>ECE 10BL</td>
<td>Foundations of Analog and Digital Circuits and Systems Lab (2.00)</td>
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<td>ECE 10CL</td>
<td>Foundations of Analog and Digital Circuits and Systems Lab (2.00)</td>
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END OF AGREEMENT
Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara General Catalog, Quarter
From: Santiago Canyon College General Catalog, Semester

COMPUTER SCIENCE, B.S.

GENERAL INFORMATION FOR ALL MAJORS

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GENERAL EDUCATION FOR THE COLLEGE OF ENGINEERING

**General Education Information:** Students should focus on completing major preparation requirements. If time permits, students may also take courses to fulfill either UCSB General Education requirements or IGETC (Intersegmental General Education Transfer Curriculum). Students who will not complete IGETC prior to transfer should refer to the College of Engineering General Education articulation agreement. UCSB's General Education requirements do not need to be completed prior to transfer, but students who choose to follow College of Engineering General Education should complete two to three General Education courses prior to transfer. For more information concerning satisfaction of UCSB General Education requirements, students may also refer to the General Engineering Academic Requirements (GEAR) publication at [https://engineering.ucsb.edu/undergraduate/academic-advising/gear-publications](https://engineering.ucsb.edu/undergraduate/academic-advising/gear-publications)

COMPUTER SCIENCE, B.S.
Please visit the department's website to learn more about this major: www.cs.ucsb.edu

**ADMISSION SELECTION CRITERIA:** Applicants to the Computer Science major who complete the equivalent of all the **REQUIRED** UCSB major preparation courses and as many of the **STRONGLY RECOMMENDED** courses as possible with a major GPA of 3.6 or higher are the most competitive for admission.

Applicants without all of the **REQUIRED** courses will be reviewed for admission, but will have less competitive applications.

Courses for the major taken prior to admission must be completed with no grades lower than "C".

**REQUIRED** base preparation courses:

- Math 3A, 3B, 4A, 4B
- Physics 1, 2, 3, 3L
- Computer Science 16, 24, 40

**STRONGLY RECOMMENDED** advanced preparation courses:

- Computer Science 32, 64
- Math 6A

Additional major preparation courses:

- Computer Science 48, 56
- PSTAT 120A

You may attend more than one California community college to earn credit for the required major preparation courses if the courses are not offered or if your schedule constrains you from completing them at your own campus. However, it is better to complete the physics series at a single school.
<table>
<thead>
<tr>
<th>Course Code</th>
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<tr>
<td>PHYS 2</td>
<td>Basic Physics</td>
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<tr>
<td>PHYS 3</td>
<td>Basic Physics</td>
<td>3.00</td>
<td>PHYS 250B</td>
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<tr>
<td>PHYS 3L</td>
<td>Physics Laboratory</td>
<td>1.00</td>
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<tr>
<td>CMPSC 16</td>
<td>Problem Solving with Computers I</td>
<td>4.00</td>
<td>CMPR 121</td>
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<td>CMPSC 24</td>
<td>Problem Solving with Computers II</td>
<td>4.00</td>
<td>CMPR 131</td>
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<td>CMPSC 40</td>
<td>Foundations of Computer Science</td>
<td>5.00</td>
<td>CMPR 149</td>
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<td>MATH 6A</td>
<td>Vector Calculus with Applications, First Course</td>
<td>4.00</td>
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<td>CMPSC 48</td>
<td>Computer Science Project</td>
<td>4.00</td>
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<td>CMPSC 56</td>
<td>Advanced Applications Programming</td>
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<td>PSTAT 120A</td>
<td>Probability and Statistics</td>
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<td>This course is never articulated</td>
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Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

DANCE, B.A.

GENERAL INFORMATION FOR ALL MAJORS

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DANCE, B.A.

Please visit the department's website to learn more about this major: www.theaterdance.ucsb.edu

An audition is required for admission to Dance, B.A. - applicants must audition in January or February. See the website for more information.

PREPARATION FOR THE MAJOR

Dance 36
Dance 45
Dance 50 and 51

Freshman level technique: Dance 47A-B-C and 56A-B-C (audition required for placement)*

Sophomore level technique: Dance 47D-E-F and 56D-E-F (audition required for placement)*
**PREPARATION FOR THE MAJOR**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Articulation</th>
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<tbody>
<tr>
<td>DANCE 36</td>
<td>History of Modern Dance (4.00)</td>
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<td>No Course Articulated</td>
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<tr>
<td>DANCE 45</td>
<td>History and Appreciation of Dance (4.00)</td>
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<tr>
<td>DANCE 50</td>
<td>Fundamentals of Choreography (3.00)</td>
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<tr>
<td>DANCE 51</td>
<td>Improvisation (3.00)</td>
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**REFER TO TOP OF AGREEMENT**

Placement by audition

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<th>Course Title</th>
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<tr>
<td>DANCE 47A</td>
<td>Ballet I (2.00 - 4.00)</td>
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<td>This course is never articulated</td>
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<tr>
<td>DANCE 47B</td>
<td>Ballet I (2.00 - 4.00)</td>
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<td>This course is never articulated</td>
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<tr>
<td>DANCE 47C</td>
<td>Ballet I (2.00 - 4.00)</td>
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Placement by audition

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<tr>
<td>DANCE 56A</td>
<td>Modern Dance I (2.00 - 4.00)</td>
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<td>Modern Dance I (2.00 - 4.00)</td>
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<td>DANCE 56C</td>
<td>Modern Dance I (2.00 - 4.00)</td>
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Placement by audition

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<td>DANCE 47D</td>
<td>Ballet II (2.00 - 4.00)</td>
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<tr>
<td>DANCE 47E</td>
<td>Ballet II (2.00 - 4.00)</td>
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<tr>
<td>DANCE 47F</td>
<td>Ballet II (2.00 - 4.00)</td>
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Placement by audition

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<td>DANCE 56D</td>
<td>Modern Dance II (2.00 - 4.00)</td>
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<tr>
<td>DANCE 56E</td>
<td>Modern Dance II (2.00 - 4.00)</td>
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<td>DANCE 56F</td>
<td>Modern Dance II (2.00 - 4.00)</td>
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<td>THTR 19</td>
<td>Design Fundamentals for Dance and Theatre (4.00)</td>
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<tr>
<td>THTR 29D</td>
<td>Run Crew Practicum (1.00)</td>
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<tr>
<td>THTR 29A</td>
<td>Scenic Practicum (1.00)</td>
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<td>THTR 29B</td>
<td>Lighting Practicum (1.00)</td>
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<td>THTR 29C</td>
<td>Costume Practicum (1.00)</td>
<td>Articulates only with approval from department chair or advisor</td>
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<td></td>
<td>Or</td>
<td>No Course Articulated</td>
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<tr>
<td>MUS 15</td>
<td>Music Appreciation (4.00)</td>
<td>MUS 101 - Music Appreciation (3.00)</td>
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<td></td>
<td>Or</td>
<td>MUS 101H - Honors Music Appreciation (3.00)</td>
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**END OF AGREEMENT**
Articulation Agreement by Major
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General Catalog, Quarter

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DANCE, B.F.A.

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DANCE, B.F.A.

Please visit the department's website to learn more about this major: www.theaterdance.ucsb.edu

Entry into the B.F.A. program is by recommendation of dance faculty for currently enrolled students, and by special audition at the beginning of the junior year for transfer students. Completion of the program depends upon successful progress and recommendation of the dance faculty. Assessment of a B.F.A. student's progress is made on a quarterly basis, and provision is made for students who appear unable to complete the B.F.A. program requirements to graduate with the less specialized B.A. degree, providing they maintain the standards for that degree.

PREPARATION FOR THE MAJOR

Dance 36
Dance 45
Dance 50 and 51
Freshman level technique: Dance 47A-B-C and 56A-B-C *(audition required for placement)*

Sophomore level technique: Dance 47D-E-F and 56D-E-F *(audition required for placement)*

Dance 70

Theater 5

Theater 19 and 23D

One unit Theater 29D and one additional unit from Theater 29A-B-C**

Music 15

*An audition is required for placement in dance courses. Major credit for California community college courses will be awarded based on audition performance.*

**Practicum and workshop equivalent courses will not automatically substitute for major credit until UCSB’s Theater and Dance department verifies that course topic was covered.**

### PREPARATION FOR THE MAJOR

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<td>History of Modern Dance (4.00)</td>
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Placement by audition

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<td>Ballet I (2.00 - 4.00)</td>
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<th>Course Title</th>
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<td>Ballet II (2.00 - 4.00)</td>
<td>←</td>
<td>This course is never articulated</td>
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<td>DANCE 47E</td>
<td>Ballet II (2.00 - 4.00)</td>
<td>←</td>
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### DANCE 47F - Ballet II (2.00 - 4.00)
This course is never articulated

### DANCE 56D - Modern Dance II (2.00 - 4.00)
This course is never articulated

### DANCE 56E - Modern Dance II (2.00 - 4.00)
This course is never articulated

### DANCE 56F - Modern Dance II (2.00 - 4.00)
This course is never articulated

### DANCE 70 - Music for Dance: Rhythm (3.00)
No Course Articulated

### THTR 5 - Introduction to Acting (3.00)
THEA 110 - Acting Fundamentals (3.00)

### THTR 19 - Design Fundamentals for Dance and Theatre (4.00)
No Course Articulated

### THTR 23D - Dance Lighting Design (3.00)
No Course Articulated

### THTR 29D - Run Crew Practicum (1.00)
Articulates only with approval from department chair or advisor

### THTR 29A - Scenic Practicum (1.00)
Articulates only with approval from department chair or advisor

### THTR 29B - Lighting Practicum (1.00)
Articulates only with approval from department chair or advisor

### THTR 29C - Costume Practicum (1.00)
Articulates only with approval from department chair or advisor

### MUS 15 - Music Appreciation (4.00)
MUS 101 - Music Appreciation (3.00)
MUS 101H - Honors Music Appreciation (3.00)

**END OF AGREEMENT**
Articulation Agreement
by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

EARTH SCIENCE, B.A.

GENERAL INFORMATION FOR ALL MAJORS

All transfer applicants must satisfy University of California admissions eligibility requirements as well as meeting campus admission selection criteria. Completing the UC transfer admission requirements in English and mathematics by the end of the fall term prior to the fall application quarter makes an applicant more competitive for admission to UCSB. All admission requirements must be completed by the end of spring prior to transfer. For more information on UC admissions eligibility requirements and admission to UCSB, please visit the Admissions website: www.admissions.ucsb.edu

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EARTH SCIENCE

Please visit the department's website to learn more about this major: www.geol.ucsb.edu

An initial consultation with a departmental advisor is essential before embarking on the Earth Science major.

A grade of C- or better is required in all courses in the major preparation.

PRE-MAJOR INFORMATION

Students are admitted initially to Pre-Earth Science, not directly to the major. Admission to the full major is contingent upon completion of the pre-major courses with a combined GPA of at least 2.3 in those courses completed at the University of California. The pre-major courses are EARTH 2, EARTH 3 or 4 (EARTH 3 for the Earth Science, B.A. and for the Geology and Paleobiology Emphases), CHEM 1A & 1AL, and MATH 3A (or MATH 34A for the Paleobiology Emphasis).
### PREPARATION FOR THE MAJOR:

**Earth 2 and 3 and 18**

Chemistry 1A-1AL-1B-1BL-1C-1CL

Mathematics 3A and 3B and 4A and 4B

Physics 1-2-3-4 or Physics 6A-6AL-6B-6BL-6C-6CL

#### RECOMMENDED:

PSTAT 5A

Engineering 3 or another course in computer programming

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#### PREPARATION FOR THE MAJOR

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<td>EARTH 3</td>
<td>Principles of Historical Geology</td>
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<td>EARTH 18</td>
<td>Field Studies in Geological Sciences</td>
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<td>CHEM 200AH</td>
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<td>CHEM 200B</td>
<td>General Chemistry B</td>
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</tr>
<tr>
<td>MATH 180</td>
<td>Single Variable Calculus I</td>
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**CHEM 1A** - General Chemistry (3.00)  
**CHEM 1AL** - General Chemistry Laboratory (2.00)  
**CHEM 1B** - General Chemistry (3.00)  
**CHEM 1BL** - General Chemistry Laboratory (2.00)  
**CHEM 1C** - General Chemistry (3.00)  
**CHEM 1CL** - General Chemistry Laboratory (2.00)  
**CHEM 200A** - General Chemistry A (5.00)  
**CHEM 200B** - General Chemistry B (5.00)  
**CHEM 200AH** - Honors General Chemistry AH (5.00)  
**CHEM 200B** - General Chemistry B (5.00)  
**MATH 180** - Single Variable Calculus I (4.00)
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<td>CMPR 132</td>
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END OF AGREEMENT
Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
From: Santiago Canyon College

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PREPARATION FOR THE MAJOR:

Earth 2

Earth 3 or 4

Earth 18

Chemistry 1A-1AL-1B-1BL-1C-1CL

Math 3A and 3B and 4A and 4B

Physics 1-2-3-4 or Physics 6A-6AL-6B-6BL-6C-6CL

RECOMMENDED:

Math 6A and 6B

PSTAT 5A

Engineering 3

WRIT 109ST
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PHYS 6A - Introductory Physics (3.00)  
And  
PHYS 6AL - Introductory Experimental Physics (1.00)  
And  
PHYS 6B - Introductory Physics (3.00)  
And  
PHYS 6BL - Introductory Experimental Physics (1.00)  
And  
PHYS 6C - Introductory Physics (3.00)  
And  
PHYS 6CL - Introductory Experimental Physics (1.00)  

RECOMMENDED

MATH 6A - Vector Calculus with Applications, First Course (4.00)  ←  MATH 280 - Intermediate Calculus (4.00)

MATH 6B - Vector Calculus with Applications, Second Course (4.00)  ←  MATH 280 - Intermediate Calculus (4.00)

PSTAT 5A - Statistics (5.00)  ←  MATH 219 - Statistics and Probability (4.00)  
Or  
MATH 219H - Honors Statistics and Probability (4.00)

ENGR 3 - Introduction to Programming (3.00)  ←  No Course Articulated

WRIT 109ST - Writing for Science and Technology (4.00)  ←  This course is never articulated

END OF AGREEMENT
Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

EARTH SCIENCE, B.S. - GEOHYDROLOGY EMPHASIS

GENERAL INFORMATION FOR ALL MAJORS

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Please note that the course "equivalencies" do not necessarily apply to UCSB general education. For information concerning satisfaction of UCSB general education requirements, please refer to the General Education/Breadth articulation agreement.

EARTH SCIENCE

Please visit the department's website to learn more about this major: www.geol.ucsb.edu

**An initial consultation with a departmental advisor is essential before embarking on the Earth Science major.**

A grade of C- or better is required in all courses in the major preparation.

PRE-MAJOR INFORMATION

Students are admitted initially to Pre-Earth Science, not directly to the major. Admission to the full major is contingent upon completion of the pre-major courses with a combined GPA of at least 2.3 in those courses completed at the University of California. The pre-major courses are EARTH 2, EARTH 3 or 4 (EARTH 3 for the Earth Science, B.A. and for the Geology and Paleobiology Emphases), CHEM 1A & 1AL, and MATH 3A (or MATH 34A for the Paleobiology Emphasis).
EARTH SCIENCE, B.S. - GEOHYDROLOGY EMPHASIS

PREPARATION FOR THE MAJOR:

Earth 2
Earth 3 or 4
Earth 18
Chemistry 1A-1AL-1B-1BL-1C-1CL
Math 3A and 3B and 4A and 4B
Physics 1-2-3-4 or Physics 6A-6AL-6B-6BL-6C-6CL

RECOMMENDED:

Math 6A and 6B
Computer programming
Statistics

PREPARATION FOR THE MAJOR

| EARTH 2 - Principles of Physical Geology (4.00) | ERTH 100 - Physical Geology (3.00) |
| EARTH 100L - Physical Geology Laboratory (1.00) |

| EARTH 3 - Principles of Historical Geology (4.00) | ERTH 111 - Historical Geology (4.00) |
| Or |

| EARTH 4 - Introduction to Oceanography (4.00) | ERTH 160 - Oceanography (3.00) |
| No Course Articulated |

| EARTH 18 - Field Studies in Geological Sciences (1.00) |

| CHEM 200A - General Chemistry A (5.00) |
| CHEM 200AH - Honors General Chemistry AH (5.00) |
| CHEM 200B - General Chemistry B (5.00) |
CHEM 1A - General Chemistry (3.00)
And
CHEM 1AL - General Chemistry Laboratory (2.00)
And
CHEM 1B - General Chemistry (3.00)
And
CHEM 1BL - General Chemistry Laboratory (2.00)
And
CHEM 1C - General Chemistry (3.00)
And
CHEM 1CL - General Chemistry Laboratory (2.00)

MATH 3A - Calculus with Applications, First Course (4.00) ← MATH 180 - Single Variable Calculus I (4.00)
Or
MATH 180H - Honors Single Variable Calculus I (4.00)

MATH 3B - Calculus with Applications, Second Course (4.00) ← MATH 185 - Single Variable Calculus II (4.00)

MATH 4A - Linear Algebra with Applications (4.00) ← MATH 290 - Linear Algebra (3.00)
Or
MATH 287 - Introduction to Linear Algebra and Differential Equations (5.00)

MATH 4B - Differential Equations (4.00) ← MATH 295 - Differential Equations (3.00)
Or
MATH 287 - Introduction to Linear Algebra and Differential Equations (5.00)

PHYS 1 - Basic Physics (4.00)
And
PHYS 2 - Basic Physics (4.00)
And
PHYS 3 - Basic Physics (3.00)
And
PHYS 4 - Basic Physics (3.00)

PHYS 250A - Physics for Scientists and Engineering I (5.00)
And
PHYS 250B - Physics for Scientists and Engineering II (5.00)
And
PHYS 250C - Physics for Scientist and Engineering III (5.00)

Or
PHYS 150A - Introductory Physics I (4.00)
And
PHYS 150AC - Introductory Physics I-Calculus (1.00)
And
PHYS 150B - Introductory Physics II (4.00)
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**RECOMMENDED**

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END OF AGREEMENT
Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

EARTH SCIENCE, B.S. - GEOLOGY EMPHASIS

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**EARTH SCIENCE, B.S. - GEOLOGY EMPHASIS**

**PREPARATION FOR THE MAJOR:**

Earth 2 and 3 and 18  
Chemistry 1A-1AL-1B-1BL-1C-1CL  
Math 3A and 3B and 4A and 4B  
Physics 1-2-3-4 or Physics 6A-6AL-6B-6BL-6C-6CL

**RECOMMENDED:**

Math 6A and 6B  
PSTAT 5A  
Engineering 3

### PREPARATION FOR THE MAJOR

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<td>Principles of Historical Geology</td>
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<td>Physics for Scientists and Engineering II (5.00)</td>
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<tr>
<td>PHYS 250C</td>
<td>Physics for Scientists and Engineering III (5.00)</td>
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<tr>
<td>MATH 6B</td>
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<td>ENGR 3</td>
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</table>

**END OF AGREEMENT**
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara General Catalog, Quarter
From: Santiago Canyon College General Catalog, Semester

EARTH SCIENCE, B.S. - GEOPHYSICS EMPHASIS

GENERAL INFORMATION FOR ALL MAJORS

All transfer applicants must satisfy University of California admissions eligibility requirements as well as meeting campus admission selection criteria. Completing the UC transfer admission requirements in English and mathematics by the end of the fall term prior to the fall application quarter makes an applicant more competitive for admission to UCSB. All admission requirements must be completed by the end of spring prior to transfer. For more information on UC admissions eligibility requirements and admission to UCSB, please visit the Admissions website: www.admissions.ucsb.edu

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Please note that the course "equivalencies" do not necessarily apply to UCSB general education. For information concerning satisfaction of UCSB general education requirements, please refer to the General Education/Breadth articulation agreement.

EARTH SCIENCE

Please visit the department's website to learn more about this major: www.geol.ucsb.edu

An initial consultation with a departmental advisor is essential before embarking on the Earth Science major.

A grade of C- or better is required in all courses in the major preparation.

PRE-MAJOR INFORMATION

Students are admitted initially to Pre-Earth Science, not directly to the major. Admission to the full major is contingent upon completion of the pre-major courses with a combined GPA of at least 2.3 in those courses completed at the University of California. The pre-major courses are EARTH 2, EARTH 3 or 4 (EARTH 3 for the Earth Science, B.A. and for the Geology and Paleobiology Emphases), CHEM 1A & 1AL, and MATH 3A (or MATH 34A for the Paleobiology Emphasis).
## PREPARATION FOR THE MAJOR:

Math 3A, 3B, 4A, 4B, 6A, 6B  
Chemistry 1A-1AL-1B-1BL-1C-1CL  
Earth 2  
Earth 3 or 4  
Physics 1-2-3-3L-4-4L-5-5L (or Physics 21-22-23-3L-24-4L-25-5L)  
Computer Science 8 or 16

## RECOMMENDED:

Writing 109ST

## PREPARATION FOR THE MAJOR

<table>
<thead>
<tr>
<th>MATH 3A - Calculus with Applications, First Course (4.00)</th>
<th>MATH 180 - Single Variable Calculus I (4.00)</th>
<th>Or</th>
<th>MATH 180H - Honors Single Variable Calculus I (4.00)</th>
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<td>MATH 185 - Single Variable Calculus II (4.00)</td>
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<td>MATH 4A - Linear Algebra with Applications (4.00)</td>
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<td>Or</td>
<td>MATH 287 - Introduction to Linear Algebra and Differential Equations (5.00)</td>
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<td>MATH 4B - Differential Equations (4.00)</td>
<td>MATH 295 - Differential Equations (3.00)</td>
<td>Or</td>
<td>MATH 287 - Introduction to Linear Algebra and Differential Equations (5.00)</td>
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<td>MATH 280 - Intermediate Calculus (4.00)</td>
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<td>MATH 280 - Intermediate Calculus (4.00)</td>
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<td>CHEM 200A - General Chemistry A (5.00)</td>
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<td>CHEM 200B - General Chemistry B (5.00)</td>
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<td>EARTH 100L</td>
<td>Physical Geology Laboratory (1.00)</td>
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<td>EARTH 3</td>
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<td>EARTH 4</td>
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<td>PHYS 4L</td>
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<td>And</td>
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<tr>
<td>PHYS 5L</td>
<td>Physics Laboratory (1.00)</td>
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<tr>
<td>PHYS 6L</td>
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<td>PHYS 5</td>
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<td>PHYS 250C</td>
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<td>CMPR 120</td>
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<td>CMPR 122</td>
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<td>CMPSC 16</td>
<td>Problem Solving with Computers</td>
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<td>CMPR 121</td>
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<td>CMPR 132</td>
<td>Programming Concepts and Methodology II</td>
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<tr>
<td>WRIT 109ST</td>
<td>Writing for Science and Technology</td>
<td>4.00</td>
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**RECOMMENDED**

This course is never articulated

**END OF AGREEMENT**
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
From: Santiago Canyon College

General Catalog, Quarter
General Catalog, Semester

EARTH SCIENCE, B.S. - PALEOBIOLOGY EMPHASIS

GENERAL INFORMATION FOR ALL MAJORS

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EARTH SCIENCE

Please visit the department's website to learn more about this major: www.geol.ucsb.edu

An initial consultation with a departmental advisor is essential before embarking on the Earth Science major.

A grade of C- or better is required in all courses in the major preparation.

PRE-MAJOR INFORMATION

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# Earth Science, B.S. - Paleobiology Emphasis

## Preparation for the Major:

- Earth 2 and 3
- Math 34A-B and PSTAT 5L or 5A, OR Math 3A-B and 4A-B
- Chemistry 1A-1AL-1B-1BL-1C-1CL
- Physics 1-2-3-4 or Physics 6A-6AL-6B-6BL-6C-6CL
- MCDB 1A-1AL and MCDB 1B
- EEMB 2-2L and 3-3L

**Recommended:**
- Earth 18

## Preparation for the Major

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<thead>
<tr>
<th>EARTH 2 - Principles of Physical Geology (4.00)</th>
<th>ERTH 100 - Physical Geology (3.00)</th>
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<tr>
<td>ERTH 100L - Physical Geology Laboratory (1.00)</td>
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<table>
<thead>
<tr>
<th>EARTH 3 - Principles of Historical Geology (4.00)</th>
<th>ERTH 111 - Historical Geology (4.00)</th>
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<table>
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<tr>
<th>MATH 34A - Calculus for Social and Life Sciences (4.00)</th>
<th>MATH 150 - Calculus for the Biological, Management and Social Sciences (5.00)</th>
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<table>
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<th>PSTAT 5L - Statistics for Life Sciences (5.00)</th>
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**Or**

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<th>MATH 34A - Calculus for Social and Life Sciences (4.00)</th>
<th>MATH 150 - Calculus for the Biological, Management and Social Sciences (5.00)</th>
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<th>PSTAT 5A - Statistics (5.00)</th>
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<td>MATH 180</td>
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<td>Calculus with Applications, Second Course</td>
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<tr>
<td>MATH 185</td>
<td>Single Variable Calculus II</td>
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<td>Or</td>
<td>MATH 180H - Honors Single Variable Calculus I</td>
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<td>Linear Algebra with Applications</td>
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<td>Or</td>
<td>MATH 287 - Introduction to Linear Algebra and Differential Equations</td>
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<td>MATH 4B</td>
<td>Differential Equations</td>
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<td>PHYS 4</td>
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<td>Or</td>
<td>PHYS 250A - Physics for Scientists and Engineering I</td>
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<td>And</td>
<td>PHYS 250B - Physics for Scientists and Engineering II</td>
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<td>And</td>
<td>PHYS 250C - Physics for Scientist and Engineering III</td>
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PHYS 6A - Introductory Physics (3.00)
And
PHYS 6AL - Introductory Experimental Physics (1.00)
And
PHYS 6B - Introductory Physics (3.00)
And
PHYS 6BL - Introductory Experimental Physics (1.00)
And
PHYS 6C - Introductory Physics (3.00)
And
PHYS 6CL - Introductory Experimental Physics (1.00)

EEMB 2 - Introductory Biology II - Ecology and Evolution (3.00)
And
MCDB 1BL - Introductory Biology Laboratory II (1.00)
Same-As: EEMB 2L
And
EEMB 3 - Introductory Biology III (3.00)
And
EEMB 3L - Introductory Biology Laboratory III (1.00)
And
MCDB 1A - Introductory Biology I (4.00)
And
MCDB 1AL - Introductory Biology Laboratory I (1.00)
And
MCDB 1B - Introductory Biology II - Physiology (3.00)
- If the entire sequence is not completed prior to transfer, students must consult the department advisor prior to enrollment

BIOL 211 - Cellular and Molecular Biology (5.00)
And
BIOL 212 - Animal Diversity and Ecology (5.00)
And
BIOL 214 - Plant Diversity and Evolution (5.00)

RECOMMENDED

EARTH 18 - Field Studies in Geological Sciences (1.00)
END OF AGREEMENT
Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
   General Catalog, Quarter
From: Santiago Canyon College
   General Catalog, Semester

ECOLOGY AND EVOLUTION, B.S.

GENERAL INFORMATION FOR ALL MAJORS

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MAJORS IN THE BIOLOGICAL SCIENCES

Department of Ecology, Evolution, and Marine Biology (EEMB) majors: Aquatic Biology, B.S.; Biological Sciences, B.A. & B.S.; Ecology and Evolution, B.S.; Physiology, B.S.; Zoology, B.S.

Department of Molecular, Cellular, and Developmental Biology (MCDB) majors: Biochemistry-Molecular Biology, B.S.; Biological Sciences, B.A. & B.S.; Cell and Developmental Biology, B.S.; Microbiology, B.S.; Pharmacology, B.S.

PRE-MAJOR INFORMATION - Students are admitted initially to Pre-Biological Sciences, not directly to the major. Admission to the full major is contingent upon achievement of a grade point average of 2.0 or better in pertinent courses completed at the University of California. Because the criteria are subject to annual review and revision, interested students should consult the department directly to obtain current information regarding specific additional criteria for admission to the full major. Admission to the pre-major does not guarantee admission to full major status.

ADMISSION SELECTION CRITERIA - To be admitted to the Pre-Biological Sciences major, all transfer students must complete the following:
1. One year sequence of **General Chemistry with laboratory**, with no individual grade lower than "C"
2. Complete sequence of major-applicable **General Biology with laboratory**, with no individual grade lower than "C"
3. A cumulative **GPA of 2.7 or better** in the required courses listed above

For students to graduate within two years of transferring, we strongly recommend the completion of one year of organic chemistry with laboratory, one year of general physics with laboratory, and one year of calculus (or one semester each of calculus and statistics). Any of these courses completed with a grade lower than "C" might not satisfy course prerequisites at UCSB.

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**ECOLOGY AND EVOLUTION, B.S.**

Please visit the department's website to learn more about this major: [www.lifesci.ucsb.edu](http://www.lifesci.ucsb.edu)

**PREPARATION FOR THE MAJOR:**

Chemistry 1A-1AL-1B-1BL-1C-1CL (required prior to transfer, see Admission Selection Criteria above)

MCDB 1A-1AL-1B and EEMB 2-2L-3-3L (required prior to transfer, see Admission Selection Criteria above)

Mathematics 3A-3B or 34A-34B

One of the following: PSTAT 5LS or PSTAT 5A (Mathematics 4A acceptable, but not recommended)

Physics 6A-6AL-6B-6BL-6C-6CL

**Note:** Organic chemistry may be required by some graduate or professional schools. Consult with an advisor.

---

**PREPARATION FOR THE MAJOR**

**REFER TO TOP OF AGREEMENT**

Complete entire sequence prior to transfer

Required for admission

| CHEM 200A - General Chemistry A (5.00) And |
| CHEM 200B - General Chemistry B (5.00) Or |
| CHEM 200AH - Honors General Chemistry AH (5.00) And |
| CHEM 200B - General Chemistry B (5.00) |
**REFER TO TOP OF AGREEMENT**

Complete entire sequence prior to transfer
Required for admission

\[\text{CHEM 1A} - \text{General Chemistry (3.00)}\]
\[\text{And}\]
\[\text{CHEM 1AL} - \text{General Chemistry Laboratory (2.00)}\]
\[\text{And}\]
\[\text{CHEM 1B} - \text{General Chemistry (3.00)}\]
\[\text{And}\]
\[\text{CHEM 1BL} - \text{General Chemistry Laboratory (2.00)}\]
\[\text{And}\]
\[\text{CHEM 1C} - \text{General Chemistry (3.00)}\]
\[\text{And}\]
\[\text{CHEM 1CL} - \text{General Chemistry Laboratory (2.00)}\]
  - An AP exam cannot be used to satisfy this course requirement
  - An IB exam cannot be used to satisfy this course requirement

\[\text{EEMB 2} - \text{Introductory Biology II - Ecology and Evolution (3.00)}\]
\[\text{And}\]
\[\text{EEMB 2L} - \text{Introductory Biology Laboratory II (1.00)}\]
  Same-As: MCDB 1BL
\[\text{And}\]
\[\text{EEMB 3} - \text{Introductory Biology III (3.00)}\]
\[\text{And}\]
\[\text{EEMB 3L} - \text{Introductory Biology Laboratory III (1.00)}\]
\[\text{And}\]
\[\text{MCDB 1A} - \text{Introductory Biology I (4.00)}\]
\[\text{And}\]
\[\text{MCDB 1AL} - \text{Introductory Biology Laboratory I (1.00)}\]
\[\text{And}\]
\[\text{MCDB 1B} - \text{Introductory Biology II - Physiology (3.00)}\]
  - Articulates as a sequence only
  - An AP exam cannot be used to satisfy this course requirement
  - An IB exam cannot be used to satisfy this course requirement

\[\text{BIOL 211} - \text{Cellular and Molecular Biology (5.00)}\]
\[\text{And}\]
\[\text{BIOL 212} - \text{Animal Diversity and Ecology (5.00)}\]
\[\text{And}\]
\[\text{BIOL 214} - \text{Plant Diversity and Evolution (5.00)}\]

\[\text{MATH 180} - \text{Single Variable Calculus I (4.00)}\]
\[\text{And}\]
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<tr>
<th>Course Code</th>
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<th>Units</th>
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<tr>
<td>MATH 3A</td>
<td>Calculus with Applications, First Course</td>
<td>4.00</td>
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<tr>
<td>MATH 3B</td>
<td>Calculus with Applications, Second Course</td>
<td>4.00</td>
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<tr>
<td>Or</td>
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<tr>
<td>MATH 34A</td>
<td>Calculus for Social and Life Sciences</td>
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<tr>
<td>MATH 34B</td>
<td>Calculus for Social and Life Sciences</td>
<td>4.00</td>
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<tr>
<td>Or</td>
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<tr>
<td>MATH 185</td>
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<td>MATH 180H</td>
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<td>MATH 185</td>
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<td>MATH 219H</td>
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<tr>
<td>MATH 4A</td>
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<td>4.00</td>
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<tr>
<td>■</td>
<td>Acceptable; Not recommended</td>
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<td>Or</td>
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<tr>
<td>MATH 290</td>
<td>Linear Algebra</td>
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<tr>
<td>MATH 287</td>
<td>Introduction to Linear Algebra and Differential Equations</td>
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<td>PHYS 6AL</td>
<td>Introductory Experimental Physics</td>
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<td></td>
</tr>
<tr>
<td>PHYS 6B</td>
<td>Introductory Physics</td>
<td>3.00</td>
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<td>And</td>
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<tr>
<td>PHYS 6BL</td>
<td>Introductory Experimental Physics</td>
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<td>And</td>
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<td></td>
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<tr>
<td>PHYS 6C</td>
<td>Introductory Physics</td>
<td>3.00</td>
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<td>And</td>
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<tr>
<td>PHYS 6CL</td>
<td>Introductory Experimental Physics</td>
<td>1.00</td>
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<tr>
<td>PHYS 150A</td>
<td>Introductory Physics I</td>
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<tr>
<td>PHYS 150AC</td>
<td>Introductory Physics I-Calculus</td>
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<td>PHYS 150B</td>
<td>Introductory Physics II</td>
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<tr>
<td>PHYS 150BC</td>
<td>Introductory Physics II-Calculus</td>
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</table>

**END OF AGREEMENT**
Articulation Agreement
by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
From: Santiago Canyon College

General Catalog, Quarter
General Catalog, Semester

ECONOMICS AND ACCOUNTING, B.A.

GENERAL INFORMATION FOR ALL MAJORS

All transfer applicants must satisfy University of California admissions eligibility requirements as well as meeting campus admission selection criteria. Completing the UC transfer admission requirements in English and mathematics by the end of the fall term prior to the fall application quarter makes an applicant more competitive for admission to UCSB. All admission requirements must be completed by the end of spring prior to transfer. For more information on UC admissions eligibility requirements and admission to UCSB, please visit the Admissions website: www.admissions.ucsb.edu

This articulation agreement lists course-to-course or sequence-to-sequence substitutions for preparation in the major. Transfer students are strongly encouraged to complete as many major preparatory courses as possible prior to enrolling at UCSB. Completion of all major preparatory courses is not an admissions requirement, but some majors require certain courses to be completed prior to transfer with a specified GPA, and completion or near completion of major preparatory courses will help students move more efficiently toward graduation after transfer.

Please note that the course “equivalencies” do not necessarily apply to UCSB general education. For information concerning satisfaction of UCSB general education requirements, please refer to the General Education/Breadth articulation agreement.

ECONOMICS AND ACCOUNTING, B.A.

Please visit the department's website to learn more about this major: www.econ.ucsb.edu

PRE-MAJOR INFORMATION

Students are admitted initially to Pre-Economics and Accounting, not directly to the major. Admission to the full major is contingent upon completion of ECON 1, 2, 3A, 3B, and 10A with a grade point average of 2.85 or above in those courses completed at the University of California and with no grade lower than C. (Only UC grades go into the pre-major GPA. Grades in courses taken outside of UC are used in the admission decision, and the courses may satisfy pre-major requirements, but they are not part of the pre-major GPA.) In addition, any remaining major preparation courses must be completed with grades of C or higher; the grades in these courses will not be used in computing the pre-major GPA but will apply to the overall major GPA. Only the first repeat of any pre-major course will be accepted by the Department of Economics in determining admission into the full major. Admission to the pre-major does not guarantee admission to full major status.
ADMISSION SELECTION CRITERIA

To be admitted to the Pre-Economics and Accounting major, transfer applicants must complete the following courses with a 2.75 or better grade point average, with no individual grade lower than C:

1. **Microeconomics** (the Advanced Placement Microeconomics exam will not satisfy this requirement)
2. **Macroeconomics** (the Advanced Placement Macroeconomics exam will not satisfy this requirement)
3. **Calculus courses articulating with UCSB’s MATH 3A-3B or MATH 34A-34B** (a single course articulating with both MATH 34A and 34B is acceptable) MATH 3A-3B is recommended over MATH 34A-34B

NOTE: Applicants may be admitted to Pre-Economics and Accounting without completing Financial Accounting, but it is highly recommended that students complete the equivalent of UCSB's ECON 3A and 3B prior to transfer.

PRE-MAJOR COURSES:

Economics 1 and 2 (required prior to transfer, see Admission Selection Criteria above)

Economics 3A and 3B

Economics 10A (must be taken at UCSB)

PREPARATION FOR THE MAJOR:

Math 3A-3B or Math 34A-34B (required prior to transfer, see Admission Selection Criteria above)

PSTAT 109 or 120A

Writing 105AA-ZZ or 107AA-ZZ or 109AA-ZZ (one course)
### MATH 180H - Honors Single Variable Calculus I (4.00)

And

### MATH 185 - Single Variable Calculus II (4.00)

### Or

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
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<tbody>
<tr>
<td>MATH 34A</td>
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<tr>
<td>And</td>
<td>MATH 34B - Calculus for Social and Life Sciences (4.00)</td>
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</table>

### MATH 150 - Calculus for the Biological, Management and Social Sciences (5.00)

### ADDITIONAL MAJOR PREPARATION COURSES

<table>
<thead>
<tr>
<th>Course</th>
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<tr>
<td>ECON 3A</td>
<td>Financial Accounting (4.00)</td>
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<tr>
<td>ECON 3B - Financial Accounting (4.00)</td>
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<tr>
<td>ECON 10A - Intermediate Microeconomic Theory (4.00)</td>
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<td>PSTAT 109 - Statistics for Economics (5.00)</td>
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<tr>
<td>PSTAT 120A - Probability and Statistics (4.00)</td>
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<tr>
<td>Upper-division writing course</td>
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</table>

### End of Agreement

This course must be taken at the university after transfer.

This course is never articulated.

This course is never articulated.

This course is never articulated.

This course is never articulated.
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

ECONOMICS, B.A.

GENERAL INFORMATION FOR ALL MAJORS

All transfer applicants must satisfy University of California admissions eligibility requirements as well as meeting campus admission selection criteria. Completing the UC transfer admission requirements in English and mathematics by the end of the fall term prior to the fall application quarter makes an applicant more competitive for admission to UCSB. All admission requirements must be completed by the end of spring prior to transfer. For more information on UC admissions eligibility requirements and admission to UCSB, please visit the Admissions website: www.admissions.ucsb.edu

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Please note that the course "equivalencies" do not necessarily apply to UCSB general education. For information concerning satisfaction of UCSB general education requirements, please refer to the General Education/Breadth articulation agreement.

ECONOMICS, B.A.

Please visit the department's website to learn more about this major: www.econ.ucsb.edu

PRE-MAJOR INFORMATION

Students are admitted initially to Pre-Economics, not directly to the major. Admission to the full major is contingent upon completion of ECON 1, 2, and 10A with a grade point average of 2.85 or above in those courses completed at the University of California and with no grade lower than C. **(Only UC grades go into the pre-major GPA. Grades in courses taken outside of UC are used in the admission decision, and the courses may satisfy pre-major requirements, but they are not part of the pre-major GPA.)** In addition, any remaining major preparation courses must be completed with grades of C or higher; the grades in these courses will not be used in computing the pre-major GPA but will apply to the overall major GPA. Only the first repeat of any pre-major course will be accepted by the Department of Economics in determining admission into the full major. Because the criteria are subject to annual review and revision, transfer students should consult the department directly to obtain current information regarding specific additional criteria for admission to the full major. **Admission to the pre-major does not guarantee admission to full major status.**
ADMISSION SELECTION CRITERIA

To be admitted to the Pre-Economics major, transfer applicants must complete the following courses with a 2.75 or better grade point average, with no individual grade lower than C:

1. Microeconomics (the Advanced Placement Microeconomics exam will not satisfy this requirement)
2. Macroeconomics (the Advanced Placement Macroeconomics exam will not satisfy this requirement)
3. Calculus courses articulating with UCSB’s MATH 3A-3B or MATH 34A-34B (a single course articulating with both MATH 34A and 34B is acceptable) MATH 3A-3B is recommended over MATH 34A-34B

PRE-MAJOR COURSES:

Economics 1 and 2 (required prior to transfer, see Admission Selection Criteria above)

Economics 10A (must be taken at UCSB)

PREPARATION FOR THE MAJOR:

Math 3A-3B or Math 34A-34B (required prior to transfer, see Admission Selection Criteria above)

PSTAT 109 or 120A

Writing 105AA-ZZ or 107AA-ZZ or 109AA-ZZ (one course)

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

**REFER TO TOP OF AGREEMENT**
**Required for admission**

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<td>ECON 1</td>
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<td>An AP exam cannot be used to satisfy this course requirement</td>
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<tr>
<td>ECON 101</td>
<td>Principles/Micro</td>
<td>3.00</td>
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**REFER TO TOP OF AGREEMENT**
**Required for admission**

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<tr>
<td>ECON 102</td>
<td>Principles/Macro</td>
<td>3.00</td>
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**REFER TO TOP OF AGREEMENT**
**Required for admission**

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<tr>
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<td>And</td>
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<td>MATH 3B</td>
<td>Calculus with Applications, Second Course</td>
<td>4.00</td>
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<tr>
<td>MATH 180</td>
<td>Single Variable Calculus I</td>
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<td>MATH 185</td>
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<td>MATH 180H</td>
<td>Honors Single Variable Calculus I</td>
<td>4.00</td>
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<tr>
<td>MATH 185</td>
<td>Single Variable Calculus II</td>
<td>4.00</td>
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</table>
**MATH 34A** - Calculus for Social and Life Sciences (4.00)  
**MATH 34B** - Calculus for Social and Life Sciences (4.00)  

**Or**

**MATH 150** - Calculus for the Biological, Management and Social Sciences (5.00)

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**ADDITIONAL MAJOR PREPARATION COURSES**

**ECON 10A** - Intermediate Microeconomic Theory (4.00)  
This course must be taken at the university after transfer

**PSTAT 109** - Statistics for Economics (5.00)  
This course is never articulated

**PSTAT 120A** - Probability and Statistics (4.00)  
This course is never articulated

Upper-division writing course  
This course is never articulated

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**END OF AGREEMENT**
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
From: Santiago Canyon College
General Catalog, Quarter
General Catalog, Semester

ELECTRICAL ENGINEERING, B.S.

GENERAL INFORMATION FOR ALL MAJORS

All transfer applicants must satisfy University of California admissions eligibility requirements as well as meeting campus admission selection criteria. Completing the UC transfer admission requirements in English and mathematics by the end of the fall term prior to the fall application quarter makes an applicant more competitive for admission to UCSB. All admission requirements must be completed by the end of spring prior to transfer. For more information on UC admissions eligibility requirements and admission to UCSB, please visit the Admissions website: www.admissions.ucsb.edu

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Please note that the course "equivalencies" do not necessarily apply to UCSB general education. For information concerning satisfaction of UCSB general education requirements, please refer to the General Education/Breadth articulation agreement.

GENERAL EDUCATION FOR THE COLLEGE OF ENGINEERING

General Education Information: Students should focus on completing major preparation requirements. If time permits, students may also take courses to fulfill either UCSB General Education requirements or IGETC (Intersegmental General Education Transfer Curriculum). Students who will not complete IGETC prior to transfer should refer to the College of Engineering General Education articulation agreement. UCSB's General Education requirements do not need to be completed prior to transfer, but students who choose to follow College of Engineering General Education should complete two to three General Education courses prior to transfer. For more information concerning satisfaction of UCSB General Education requirements, student may also refer to the General Engineering Academic Requirements (GEAR) publicaton at https://engineering.ucsb.edu/undergraduate/academic-advising/gear-publications

ELECTRICAL ENGINEERING, B.S.
Please visit the department's website to learn more about this major: www.ece.ucsb.edu

**ADMISSION SELECTION CRITERIA:** Applicants to the Electrical Engineering major who complete the equivalent of all the **REQUIRED** UCSB major preparation courses and as many of the **STRONGLY RECOMMENDED** courses as possible with a major GPA of 3.6 or higher are the most competitive for admission.

Applicants without all of the **REQUIRED** courses will be reviewed for admission, but will have less competitive applications.

Courses for the major taken prior to admission must be completed with no grades lower than "C".

**REQUIRED** base preparation courses:
- Math 3A, 3B, 4A, 4B
- Physics 1, 2, 3, 3L
- Engineering 3*
- Computer Science 16*

*Both Engineering 3 and Computer Science 16 are required for the major and should be completed prior to transfer. For students who are unable to complete both, we will require one of them to be completed to meet admission selection criteria. It is strongly recommended that students complete both prior to transfer.*

**STRONGLY RECOMMENDED** advanced preparation courses:
- Electrical and Computer Engineering 15A
- Math 6A, 6B
- Chemistry 1A, 1AL

Additional major preparation courses:
- Physics 4, 4L, 5, 5L
- Electrical and Computer Engineering 5, 10A, 10AL, 10B, 10BL, 10C, 10CL

You may attend more than one California community college to earn credit for the required major preparation courses if the courses are not offered or if your schedule constrains you from completing them at your own campus. However, it is better to complete the physics series at a single school.
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<th>Title</th>
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<tbody>
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<td>MATH 295</td>
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<td>Or</td>
<td>MATH 287 - Introduction to Linear Algebra</td>
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<td>And</td>
<td>and Differential Equations (5.00)</td>
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<table>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>PHYS 1</td>
<td>Basic Physics (4.00)</td>
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<tr>
<td>PHYS 2</td>
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</tr>
<tr>
<td>PHYS 3</td>
<td>Basic Physics (3.00)</td>
<td></td>
</tr>
<tr>
<td>PHYS 3L</td>
<td>Physics Laboratory (1.00)</td>
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<tr>
<td>PHYS 250A</td>
<td>Physics for Scientists and Engineering I</td>
<td>(5.00)</td>
</tr>
<tr>
<td>And</td>
<td>PHYS 250B - Physics for Scientists and</td>
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<tr>
<td>And</td>
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<tr>
<td>PHYS 250C</td>
<td>Physics for Scientists and Engineering III</td>
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**REFER TO TOP OF AGREEMENT**

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<td>ENGR 3</td>
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<tr>
<td>CMPSC 16</td>
<td>Problem Solving with Computers I (4.00)</td>
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<tr>
<td>Or</td>
<td>CMPR 121 - Programming Concepts (3.00)</td>
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<tr>
<td>Or</td>
<td>CMPR 132 - Programming Concepts and Methodology II (3.00)</td>
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**STRONGLY RECOMMENDED ADVANCED PREPARATION COURSES**

<table>
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<tr>
<td>ECE 15A</td>
<td>Fundamentals of Logic Design (4.00)</td>
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<td>MATH 6A</td>
<td>Vector Calculus with Applications, First Course (4.00)</td>
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<tr>
<td>MATH 6B</td>
<td>Vector Calculus with Applications, Second Course (4.00)</td>
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<tr>
<td>CHEM 1A</td>
<td>General Chemistry (3.00)</td>
<td></td>
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<tr>
<td>And</td>
<td>CHEM 1AL - General Chemistry Laboratory (2.00)</td>
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</tr>
<tr>
<td></td>
<td>An AP exam cannot be used to satisfy this course requirement</td>
<td></td>
</tr>
<tr>
<td></td>
<td>An IB exam cannot be used to satisfy this course requirement</td>
<td></td>
</tr>
<tr>
<td>Or</td>
<td>CHEM 200A - General Chemistry A (5.00)</td>
<td></td>
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<tr>
<td>Or</td>
<td>CHEM 200AH - Honors General Chemistry AH (5.00)</td>
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<tr>
<td>MATH 280</td>
<td>Intermediate Calculus (4.00)</td>
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An AP exam cannot be used to satisfy this course requirement
An IB exam cannot be used to satisfy this course requirement
### ADDITIONAL MAJOR PREPARATION COURSES

<table>
<thead>
<tr>
<th>PHYS 4 - Basic Physics (3.00)</th>
<th>PHYS 250B - Physics for Scientists and Engineering II (5.00)</th>
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<td>PHYS 4L - Physics Laboratory (1.00)</td>
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<table>
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<tr>
<th>PHYS 5 - Basic Physics (3.00)</th>
<th>PHYS 250C - Physics for Scientist and Engineering III (5.00)</th>
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<td>PHYS 5L - Physics Laboratory (1.00)</td>
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<table>
<thead>
<tr>
<th>ECE 5 - Introduction to Electrical &amp; Computer Engineering (4.00)</th>
<th>ENGR 230 - Network Analysis (5.00)</th>
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<tr>
<th>ECE 10A - Foundations of Analog and Digital Circuits and Systems (3.00)</th>
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<tr>
<th>ECE 10B - Foundations of Analog and Digital Circuits and Systems (3.00)</th>
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<tbody>
<tr>
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</table>

<table>
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<tr>
<th>ECE 10C - Foundations of Analog and Digital Circuits and Systems (3.00)</th>
<th>No Course Articulated</th>
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</thead>
<tbody>
<tr>
<td>ECE 10CL - Foundations of Analog and Digital Circuits and Systems Lab (2.00)</td>
<td>And</td>
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### END OF AGREEMENT
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
    General Catalog, Quarter

From: Santiago Canyon College
    General Catalog, Semester

ENGLISH, B.A.

GENERAL INFORMATION FOR ALL MAJORS

All transfer applicants must satisfy University of California admissions eligibility requirements as well as meeting campus admission selection criteria. Completing the UC transfer admission requirements in English and mathematics by the end of the fall term prior to the fall application quarter makes an applicant more competitive for admission to UCSB. All admission requirements must be completed by the end of spring prior to transfer. For more information on UC admissions eligibility requirements and admission to UCSB, please visit the Admissions website: www.admissions.ucsb.edu

This articulation agreement lists course-to-course or sequence-to-sequence substitutions for preparation in the major. Transfer students are strongly encouraged to complete as many major preparatory courses as possible prior to enrolling at UCSB. Completion of all major preparatory courses is not an admissions requirement, but some majors require certain courses to be completed prior to transfer with a specified GPA, and completion or near completion of major preparatory courses will help students move more efficiently toward graduation after transfer.

Please note that the course "equivalencies" do not necessarily apply to UCSB general education. For information concerning satisfaction of UCSB general education requirements, please refer to the General Education/Breadth articulation agreement.

ENGLISH, B.A.

Please visit the department's website to learn more about this major: www.english.ucsb.edu

PREPARATION FOR THE MAJOR:

English 10

English 15

Elective lower-division English course (optional)

FOREIGN LANGUAGE REQUIREMENT: Students must complete either Option 1 or Option 2 below. Option 1 is strongly recommended.

Option 1: Completion of the 5th quarter (or 4th semester) or its equivalent in any foreign language currently taught at UCSB. Other languages may be considered by petition.
**Option 2:** Complete A and B below.

A. Quarter 3 (or semester 2) or equivalent of a foreign language as specified in Option 1 above.

B. Three upper-division foreign literature in translation courses (see departmental advisor for list of options.) These would be taken at UCSB after transfer.

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**NOTE FOR NATIVE SPEAKERS**

Students who were educated through grade 9 or above in a school where a language other than English was the primary language of instruction will not get transfer credit for lower-division college courses teaching that language. Please contact the department about a language proficiency exam. **Performance on language proficiency exams may satisfy major requirements.**

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**PREPARATION FOR THE MAJOR**

ENGL 10 - Introduction to Literary Study (4.00)

ENGL 102 - Literature and Composition (4.00)

Or

ENGL 102H - Honors Literature and Composition (4.00)

ENGL 15 - Introduction to Shakespeare (4.00)

ENGL 233A - Shakespeare's Comedies and Romances (3.00)

Or

ENGL 233B - Shakespeare's Tragedies and History Plays (3.00)

Select 1 Course(s) from the following

One lower-division English elective (optional)

ENGL 220 - Survey of the Bible as Literature (3.00)
ENGL 231 - Survey of English Literature I (3.00)
ENGL 232 - Survey of English Literature II (3.00)
ENGL 241 - Survey of American Literature, 1600-1860 (3.00)
ENGL 242 - Survey of American Literature, 1860 - Present (3.00)
ENGL 246 - Survey of Chicano Literature (3.00)
ENGL 271 - Survey of World Literature I (3.00)
ENGL 272 - Survey of World Literature II (3.00)
ENGL 278 - Survey of Literature by Women (3.00)

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**REFER TO TOP OF AGREEMENT**
Foreign Language Requirement (options for satisfying this requirement are listed above)

END OF AGREEMENT
Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
From: Santiago Canyon College

GENERAL INFORMATION FOR ALL MAJORS

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ENVIRONMENTAL STUDIES, B.A.

Please visit the department's website to learn more about this major: www.es.ucsb.edu

PREPARATION FOR THE MAJOR:

Environmental Studies 1 and 2 and 3

MCDB 20 or EEMB 22 or MCDB 1A-1AL plus EEMB 2

Economics 1 or 2 or 9

One course from: Earth Science 2, 4, 20, or Geography 3A or 3B

One course from: Philosophy 3, 4, or Political Science 1

One course from: Anthropology 2; Geography 5; Global Studies 1, 2; Psychology 1; Religious Studies 1, 14; Sociology 1
One course from: Geography 7; History 5, 7; Political Science 6, 7, 12

One course from: PSTAT 5A, 5LS, 109

Mathematics 3A or 34A

Environmental Studies 25 or Mathematics 3B or 34B

Chemistry 1A-1AL-1B or Environmental Studies 15A-15B

### PREPARATION FOR THE MAJOR

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ENV S 1</td>
<td>Introduction to Environmental Studies</td>
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<tr>
<td>ENV S 2</td>
<td>Introduction to Environmental Science</td>
<td>4.00</td>
</tr>
<tr>
<td>ENV S 3</td>
<td>Introduction to the Social and Cultural Environment</td>
<td>4.00</td>
</tr>
<tr>
<td>MCDB 20</td>
<td>Concepts of Biology</td>
<td>4.00</td>
</tr>
<tr>
<td>EEMB 22</td>
<td>Concepts and Controversies in the Biological Sciences</td>
<td>4.00</td>
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<tr>
<td>MCDB 1A</td>
<td>Introductory Biology I</td>
<td>4.00</td>
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<td>MCDB 1AL</td>
<td>Introductory Biology Laboratory I</td>
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<tr>
<td>EEMB 2</td>
<td>Introductory Biology II - Ecology and Evolution</td>
<td>3.00</td>
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<tr>
<td>ECON 1</td>
<td>Principles of Economics-Micro</td>
<td>4.00</td>
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<tr>
<td>ECON 2</td>
<td>Principles of Economics-Macro</td>
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<td>Introduction to Economics</td>
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<tr>
<td>ERTH 100</td>
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Select 1 Course(s) from the following:

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<td>Environment of Man</td>
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<td>BIOL 259</td>
<td>Environmental Biology</td>
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<td>BIOL 109</td>
<td>Fundamentals of Biology</td>
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<td>Honors Fundamentals of Biology</td>
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Or

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<td>BIOL 212</td>
<td>Animal Diversity and Ecology</td>
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<td>BIOL 214</td>
<td>Plant Diversity and Evolution</td>
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Or

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<th>Credits</th>
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<td>ECON 102</td>
<td>Principles/ Macro</td>
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Or

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<td>ERTH 100</td>
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<tr>
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<td>Units</td>
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<tr>
<td>EARTH 2</td>
<td>Principles of Physical Geology</td>
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<td>EARTH 4</td>
<td>Introduction to Oceanography</td>
<td>4.00</td>
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<tr>
<td>EARTH 20</td>
<td>Geological Catastrophes</td>
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<td>Oceans and Atmosphere</td>
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<tr>
<td>GEOG 3B</td>
<td>Land, Water and Life</td>
<td>4.00</td>
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<tr>
<td>PHIL 3</td>
<td>Critical Thinking</td>
<td>4.00</td>
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<tr>
<td>PHIL 4</td>
<td>Introduction to Ethics</td>
<td>4.00</td>
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<tr>
<td>POL S 1</td>
<td>Introduction to Political Philosophy</td>
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<td>ANTH 2</td>
<td>Introductory Cultural Anthropology</td>
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<td>GEOG 5</td>
<td>People, Place and Environment</td>
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<td>GLOBL 1</td>
<td>Global History, Culture and Ideology</td>
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<td>GLOBL 2</td>
<td>Global Socioeconomic and Political Processes</td>
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<td>PSY 1</td>
<td>Introduction to Psychology</td>
<td>4.00</td>
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<td>RG ST 1</td>
<td>Introduction to the Study of Religion</td>
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<td>RG ST 14</td>
<td>Introduction to Native American Religious Studies</td>
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<td>SOC 1</td>
<td>Introduction to Sociology</td>
<td>4.00</td>
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<tr>
<td>GEOG 7</td>
<td>Energy, Water, and Climate</td>
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<tr>
<td>HIST 5</td>
<td>The History of the Present</td>
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<tr>
<td>HIST 7</td>
<td>Great Issues in the History of Public Policy</td>
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<td>ERTH 100L</td>
<td>Physical Geology Laboratory</td>
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<td>ERTH 160</td>
<td>Oceanography</td>
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<td>GEOG 101</td>
<td>Physical Geography</td>
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<tr>
<td>PHIL 111</td>
<td>Introductory Logic</td>
<td>4.00</td>
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<tr>
<td>PHIL 108</td>
<td>Ethics</td>
<td>3.00</td>
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<tr>
<td>POLT 230</td>
<td>Political Theory</td>
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<tr>
<td>ANTH 100</td>
<td>Introduction to Cultural Anthropology</td>
<td>3.00</td>
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<td>ANTH 100H</td>
<td>Honors Introduction to Cultural Anthropology</td>
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<td>Cultural Geography</td>
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<td>PSYC 100</td>
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<td>SOC 100H</td>
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</table>

Select 1 Course(s) from the following:

- ANTH 100 - Introduction to Cultural Anthropology (3.00)
- ANTH 100H - Honors Introduction to Cultural Anthropology (3.00)
- GLOBL 1 - Global History, Culture and Ideology (4.00)
- GLOBL 2 - Global Socioeconomic and Political Processes (4.00)
- PSYC 100 - Introduction to Psychology (3.00)
- PSYC 100H - Honors Introduction to Psychology (3.00)
- SOC 100 - Introduction to Sociology (3.00)
- SOC 100H - Honors Introduction to Sociology (3.00)

Select 1 Course(s) from the following:

- GEOG 7 - Energy, Water, and Climate (4.00)
- HIST 5 - The History of the Present (4.00)
- HIST 7 - Great Issues in the History of Public Policy (4.00)
- GEOG 3A - Oceans and Atmosphere (4.00)
- GEOG 3B - Land, Water and Life (4.00)
- PHIL 3 - Critical Thinking (4.00)
- PHIL 4 - Introduction to Ethics (4.00)
- PHIL 108 - Ethics (3.00)
- POLT 230 - Political Theory (3.00)
- ANTH 2 - Introductory Cultural Anthropology (4.00)
- ANTH 100 - Introduction to Cultural Anthropology (3.00)
- ANTH 100H - Honors Introduction to Cultural Anthropology (3.00)
- GEOG 5 - People, Place and Environment (4.00)
- GLOBL 1 - Global History, Culture and Ideology (4.00)
- GLOBL 2 - Global Socioeconomic and Political Processes (4.00)
- PSY 1 - Introduction to Psychology (4.00)
- PSYC 100 - Introduction to Psychology (3.00)
- PSYC 100H - Honors Introduction to Psychology (3.00)
- RG ST 1 - Introduction to the Study of Religion (4.00)
- RG ST 14 - Introduction to Native American Religious Studies (4.00)
- SOC 1 - Introduction to Sociology (4.00)
- SOC 100 - Introduction to Sociology (3.00)
- SOC 100H - Honors Introduction to Sociology (3.00)
- HIST 5 - The History of the Present (4.00)
- HIST 7 - Great Issues in the History of Public Policy (4.00)
<table>
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<tr>
<th>Course Code</th>
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<th>Course Title</th>
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<tr>
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<td>Introduction to Comparative Politics</td>
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<td>POLT 201</td>
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<tr>
<td>POL S 7</td>
<td>Introduction to International Relations</td>
<td>4.00</td>
<td>POLT 201</td>
<td>Introduction to Comparative Politics</td>
<td>3.00</td>
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<tr>
<td>POL S 12</td>
<td>American Government and Politics</td>
<td>4.00</td>
<td>POLT 101</td>
<td>Introduction to American Government</td>
<td>3.00</td>
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<td>POLT 101H</td>
<td>Honors Introduction to American Government</td>
<td>3.00</td>
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<td>PSTAT 5A</td>
<td>Statistics</td>
<td>5.00</td>
<td>MATH 219</td>
<td>Statistics and Probability</td>
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<td>MATH 219H</td>
<td>Honors Statistics and Probability</td>
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<td>PSTAT 5LS</td>
<td>Statistics for Life Sciences</td>
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<td>PSTAT 109</td>
<td>Statistics for Economics</td>
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<td>MATH 180</td>
<td>Single Variable Calculus I</td>
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<td>MATH 180H</td>
<td>Honors Single Variable Calculus I</td>
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<td>MATH 34A</td>
<td>Calculus for Social and Life Sciences</td>
<td>4.00</td>
<td>MATH 150</td>
<td>Calculus for the Biological, Management and Social Sciences</td>
<td>5.00</td>
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<tr>
<td>ENV S 25</td>
<td>Quantitative Thinking in Environmental Studies</td>
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<td>MATH 3B</td>
<td>Calculus with Applications, Second Course</td>
<td>4.00</td>
<td>MATH 185</td>
<td>Single Variable Calculus II</td>
<td>4.00</td>
</tr>
<tr>
<td>MATH 34B</td>
<td>Calculus for Social and Life Sciences</td>
<td>4.00</td>
<td>MATH 150</td>
<td>Calculus for the Biological, Management and Social Sciences</td>
<td>5.00</td>
</tr>
<tr>
<td>CHEM 1A</td>
<td>General Chemistry</td>
<td>3.00</td>
<td>CHEM 200A</td>
<td>General Chemistry A</td>
<td>5.00</td>
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<tr>
<td>CHEM 1AL</td>
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<td>2.00</td>
<td>CHEM 200B</td>
<td>General Chemistry B</td>
<td>5.00</td>
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<tr>
<td>CHEM 1B</td>
<td>General Chemistry</td>
<td>3.00</td>
<td>CHEM 200AH</td>
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<tr>
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<td></td>
<td></td>
<td>CHEM 200B</td>
<td>General Chemistry B</td>
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</tr>
</tbody>
</table>

Or
ENV S 15A - Environmental Chemistry (4.00) 
And 
ENV S 15B - Environmental Chemistry (5.00)

END OF AGREEMENT
Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
   General Catalog, Quarter
From: Santiago Canyon College
   General Catalog, Semester

ENVIRONMENTAL STUDIES, B.S.

GENERAL INFORMATION FOR ALL MAJORS

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ENVIRONMENTAL STUDIES, B.S.

Please visit the departments website to learn more about this major: www.es.ucsb.edu

PREPARATION FOR THE MAJOR:

Environmental Studies 1 and 2 and 3

Economics 1 or 2 or 9

One course from: Earth Science 2, 4, 20, or Geography 3A or 3B

Mathematics 3A and 3B and 4A

One course from: PSTAT 5A, 5LS, 109

Chemistry 1A-1AL-1B-1BL-1C-1CL
MCDB 1A-1AL, MCDB 1B, EEMB 2-3-3L, and either MCDB 1BL or EEMB 2L

Physics 1-2-3-3L or Physics 6A-6AL-6B-6BL-6C-6CL

One course from: Philosophy 3, 4, or Political Science 1

One course from: Anthropology 2; Geography 5, 7; Global Studies 1, 2; History 5, 7; Political Science 6, 7, 12; Psychology 1; Religious Studies 1, 14; Sociology 1

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### PREPARATION FOR THE MAJOR

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Articulated To</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENV S 1</td>
<td>Introduction to Environmental Studies</td>
<td>4.00</td>
<td>BIOL 200 - Environment of Man (3.00)</td>
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<tr>
<td>ENV S 2</td>
<td>Introduction to Environmental Science</td>
<td>4.00</td>
<td>BIOL 259 - Environmental Biology (4.00)</td>
</tr>
<tr>
<td>ENV S 3</td>
<td>Introduction to the Social and Cultural Environment</td>
<td>4.00</td>
<td>No Course Articulated</td>
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<tr>
<td>ECON 1</td>
<td>Principles of Economics-Micro</td>
<td>4.00</td>
<td>ECON 101 - Principles/ Micro (3.00)</td>
</tr>
<tr>
<td>ECON 2</td>
<td>Principles of Economics-Macro</td>
<td>4.00</td>
<td>ECON 102 - Principles/ Macro (3.00)</td>
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<td>ECON 9</td>
<td>Introduction to Economics</td>
<td>4.00</td>
<td>No Course Articulated</td>
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</table>

Select 1 Course(s) from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tr>
<td>EARTH 2</td>
<td>Principles of Physical Geology</td>
<td>4.00</td>
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<tr>
<td>EARTH 4</td>
<td>Introduction to Oceanography</td>
<td>4.00</td>
<td>ERTH 160 - Oceanography (3.00)</td>
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<td>EARTH 20</td>
<td>Geological Catastrophes</td>
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<td>No Course Articulated</td>
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<tr>
<td>GEOG 3A</td>
<td>Oceans and Atmosphere</td>
<td>4.00</td>
<td>No Course Articulated</td>
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<td>GEOG 3B</td>
<td>Land, Water and Life</td>
<td>4.00</td>
<td>GEOG 101 - Physical Geography (3.00)</td>
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<tr>
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<td>Calculus with Applications, Second Course</td>
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<td>MATH 185 - Single Variable Calculus II (4.00)</td>
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<tr>
<td>MATH 290</td>
<td>Linear Algebra</td>
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Or

Or

<table>
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<td><strong>MATH 287</strong> - Introduction to Linear Algebra and Differential Equations</td>
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<td><strong>PSTAT 5A</strong> - Statistics</td>
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<td><strong>MATH 219</strong> - Statistics and Probability</td>
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<td><strong>Or</strong></td>
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<td></td>
<td><strong>MATH 219H</strong> - Honors Statistics and Probability</td>
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<tr>
<td><strong>PSTAT 5LS</strong> - Statistics for Life Sciences</td>
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<td></td>
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<tr>
<td><strong>PSTAT 109</strong> - Statistics for Economics</td>
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<td><strong>Or</strong></td>
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<tr>
<td></td>
<td></td>
<td>This course is never articulated</td>
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<td>And</td>
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<td><strong>CHEM 200B</strong> - General Chemistry B</td>
<td>5.00</td>
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<tr>
<td><strong>CHEM 1AL</strong> - General Chemistry Laboratory</td>
<td>2.00</td>
<td><strong>Or</strong></td>
<td></td>
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<tr>
<td>And</td>
<td></td>
<td><strong>CHEM 200AH</strong> - Honors General Chemistry AH</td>
<td>5.00</td>
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<tr>
<td><strong>CHEM 1B</strong> - General Chemistry</td>
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<td><strong>And</strong></td>
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<tr>
<td>And</td>
<td></td>
<td><strong>CHEM 200B</strong> - General Chemistry B</td>
<td>5.00</td>
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<tr>
<td><strong>CHEM 1BL</strong> - General Chemistry Laboratory</td>
<td>2.00</td>
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<td>And</td>
<td></td>
<td></td>
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<tr>
<td><strong>CHEM 1C</strong> - General Chemistry</td>
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<td>And</td>
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<tr>
<td><strong>CHEM 1CL</strong> - General Chemistry Laboratory</td>
<td>2.00</td>
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<tr>
<td><strong>BIOL 211</strong> - Cellular and Molecular Biology</td>
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<td></td>
<td></td>
<td><strong>BIOL 212</strong> - Animal Diversity and Ecology</td>
<td>5.00</td>
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<td></td>
<td><strong>And</strong></td>
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<tr>
<td></td>
<td></td>
<td><strong>BIOL 214</strong> - Plant Diversity and Evolution</td>
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</table>
EEMB 2 - Introductory Biology II - Ecology and Evolution (3.00)

And

MCDB 1BL - Introductory Biology Laboratory II (1.00)
Same-As: EEMB 2L

And

EEMB 3 - Introductory Biology III (3.00)

And

EEMB 3L - Introductory Biology Laboratory III (1.00)

And

MCDB 1A - Introductory Biology I (4.00)

And

MCDB 1AL - Introductory Biology Laboratory I (1.00)

And

MCDB 1B - Introductory Biology II - Physiology (3.00)
- Articulates as a sequence only
- If the entire sequence is not completed prior to transfer, students must consult the department advisor prior to enrollment

PHYS 6A - Introductory Physics (3.00)

And

PHYS 6AL - Introductory Experimental Physics (1.00)

And

PHYS 6B - Introductory Physics (3.00)

And

PHYS 6BL - Introductory Experimental Physics (1.00)

And

PHYS 6C - Introductory Physics (3.00)

And

PHYS 6CL - Introductory Experimental Physics (1.00)

Select 1 Course(s) from the following

PHIL 3 - Critical Thinking (4.00)  PHIL 111 - Introductory Logic (4.00)

PHIL 4 - Introduction to Ethics (4.00)  PHIL 108 - Ethics (3.00)

POL S 1 - Introduction to Political Philosophy (4.00)  POLT 230 - Political Theory (3.00)
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<th>Equivalent Course</th>
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<td>ANTH 2</td>
<td>Introductory Cultural Anthropology</td>
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<td>ANTH 100 - Introduction to Cultural Anthropology</td>
<td>3.00</td>
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<tr>
<td>GEOG 5</td>
<td>People, Place and Environment</td>
<td>4.00</td>
<td>GEOG 102 - Cultural Geography</td>
<td>3.00</td>
</tr>
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<td>GEOG 7</td>
<td>Energy, Water, and Climate</td>
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<td>GLOBL 1</td>
<td>Global History, Culture and Ideology</td>
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<td>GLOBL 2</td>
<td>Global Socioeconomic and Political Processes</td>
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<td>HIST 5</td>
<td>The History of the Present</td>
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<tr>
<td>HIST 7</td>
<td>Great Issues in the History of Public Policy</td>
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<td>POL S 6</td>
<td>Introduction to Comparative Politics</td>
<td>4.00</td>
<td>POLT 201 - Introduction to Comparative Politics</td>
<td>3.00</td>
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<td>POL S 7</td>
<td>Introduction to International Relations</td>
<td>4.00</td>
<td>POLT 220 - International Politics</td>
<td>3.00</td>
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<tr>
<td>POL S 12</td>
<td>American Government and Politics</td>
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<td>POLT 101 - Introduction to American Government</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 1</td>
<td>Introduction to Psychology</td>
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<td>PSYC 100 - Introduction to Psychology</td>
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<td>RG ST 1</td>
<td>Introduction to the Study of Religion</td>
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<td>RG ST 14</td>
<td>Introduction to Native American Religious Studies</td>
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<tr>
<td>SOC 1</td>
<td>Introduction to Sociology</td>
<td>4.00</td>
<td>SOC 100 - Introduction to Sociology</td>
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</table>

END OF AGREEMENT
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

FEMINIST STUDIES, B.A.

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FEMINIST STUDIES, B.A.

Please visit the department's website to learn more about this major: www.femst.ucsb.edu

PREPARATION FOR THE MAJOR:

Area A: Introduction to Feminist Studies: Feminist Studies 20
Area B: Intersectionalities: Feminist Studies 60 and 80
Area C: Additional Key Concepts: Feminist Studies 30 or 40 or 50
### FEMST 20 - Gender and Power:
Introduction to Feminist Studies (4.00)

### WMNS 101 - Introduction to Women’s Studies (3.00)

### AREA B: INTERSECTIONALITIES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
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<td>Women of Color: Race, Class, and Ethnicity (4.00)</td>
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<td>FEMST 80</td>
<td>Introduction to LGBTQ Studies (4.00)</td>
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### AREA C: ADDITIONAL KEY CONCEPTS

**Select 1 Course(s) from the following**

<table>
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<tr>
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<tbody>
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<td>Women, Development, and Globalization (4.00)</td>
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<td>FEMST 40</td>
<td>Women, Representation, and Cultural Production (5.00)</td>
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<td>FEMST 50</td>
<td>Global Feminisms and Social Justice (4.00)</td>
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**END OF AGREEMENT**
Articulation Agreement
by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
   General Catalog, Quarter

From: Santiago Canyon College
   General Catalog, Semester

FILM AND MEDIA STUDIES, B.A.

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FILM AND MEDIA STUDIES, B.A.

Please visit the department's website to learn more about this major: www.filmandmedia.ucsb.edu

PREPARATION FOR THE MAJOR:

Film and Media Studies 46 and 70 and 96

One literature course from: Asian American Studies 5; Black Studies 38A, 38B; Classics 40; Comparative Literature 30A, 30B, 30C, 35; English 25, 50; French 50AX, 50BX, 50CX; German 31, 43A; Theater 1

One history or culture course from: Asian American Studies 1, 2, 4; Black Studies 1, 3, 5, 6, 7, 50; Chicana/o Studies 1A, 1B, 1C; German 43C; History 2C, 4C, 7, 8, 17B, 17C, 46, 49B, 80, 87; Philosophy 1, 3, 4, 6, 20C; Religious Studies 1, 7, 9, 15, 80C

One visual or performing arts course from: Art 1A, 7A; Art History 6C, 6F, 6G; Black Studies 14, 45; Dance 35, 45; Music 15, 17
### PREPARATION FOR THE MAJOR

<table>
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<tr>
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<th>Course Title</th>
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<td>Introduction to Cinema (4.00)</td>
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<tr>
<td>FAMST 70</td>
<td>Media Criticism (4.00)</td>
<td>This course must be taken at the university after transfer</td>
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<tr>
<td>FAMST 96</td>
<td>Advanced Film Analysis (5.00)</td>
<td>This course must be taken at the university after transfer</td>
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**Select 1 Course(s) from the following**

<table>
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<th>Course Code</th>
<th>Course Title</th>
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<td>Introduction to Asian American Literature (4.00)</td>
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<tr>
<td>BL ST 38A</td>
<td>Introduction to African-American Literature (Part I) (4.00)</td>
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<tr>
<td>BL ST 38B</td>
<td>Introduction to African-American Literature (Part II) (4.00)</td>
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<tr>
<td>CLASS 40</td>
<td>Greek Mythology (4.00)</td>
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<tr>
<td>C LIT 30A</td>
<td>Major Works in European Literature (4.00)</td>
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<tr>
<td>C LIT 30B</td>
<td>Major Works in European Literature (4.00)</td>
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<tr>
<td>C LIT 30C</td>
<td>Major Works in European Literature (4.00)</td>
<td>No Course Articulated</td>
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<td>ENGL 25</td>
<td>Literature and the Information, Media, and Communication Revolutions (4.00)</td>
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<td>Introduction to U.S. Minority Literature (4.00)</td>
<td>ENGL 246 - Survey of Chicano Literature (3.00)</td>
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<tr>
<td>FR 50BX</td>
<td>Tales of Love in the Western Tradition (4.00)</td>
<td>No Course Articulated</td>
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<td>FR 50CX</td>
<td>Tales of Love in the Western Tradition (4.00)</td>
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<td>Dreaming Revolutions: Introduction to Marx, Nietzsche and Freud (4.00)</td>
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<td>THTR 1</td>
<td>Play Analysis (4.00)</td>
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**Select 1 Course(s) from the following**

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<td>American Migration Since 1965: Asians and Others in the United States (4.00)</td>
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<td>The Civil Rights Movement (4.00)</td>
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<td>HIST 17B</td>
<td>The American People (4.00)</td>
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<td>Survey of Middle Eastern History (4.00)</td>
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<td>Survey of African History (4.00) Same-As: BL ST 49B</td>
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<td>East Asian Civilization (4.00) Same-As: EACS 80</td>
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<td>HIST 87</td>
<td>Japanese History Through Art and Literature (4.00)</td>
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<td>Religion and Psychology (4.00)</td>
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<td>Religion and Western Civilization III: Modern (4.00)</td>
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Select 1 Course(s) from the following

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<td>ART 7A</td>
<td>The Intersections of Art and Life (5.00)</td>
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<td>ARTHI 6C</td>
<td>Art Survey III: Modern-Contemporary Art (4.00)</td>
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<td>Survey: Architecture and Planning (4.00)</td>
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<td>ARTHI 6G</td>
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<td>The History of Jazz (4.00)</td>
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<td>Black Arts Expressions (4.00)</td>
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<td>DANCE 35</td>
<td>History and Appreciation of World Dance (4.00)</td>
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<td>MUS 102 - World Music (3.00)</td>
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**END OF AGREEMENT**
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara General Catalog, Quarter
From: Santiago Canyon College General Catalog, Semester

FINANCIAL MATHEMATICS AND STATISTICS, B.S.

GENERAL INFORMATION FOR ALL MAJORS

All transfer applicants must satisfy University of California admissions eligibility requirements as well as meeting campus admission selection criteria. Completing the UC transfer admission requirements in English and mathematics by the end of the fall term prior to the fall application quarter makes an applicant more competitive for admission to UCSB. All admission requirements must be completed by the end of spring prior to transfer. For more information on UC admissions eligibility requirements and admission to UCSB, please visit the Admissions website: www.admissions.ucsb.edu

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Please note that the course "equivalencies" do not necessarily apply to UCSB general education. For information concerning satisfaction of UCSB general education requirements, please refer to the General Education/Breadth articulation agreement.

FINANCIAL MATHEMATICS AND STATISTICS, B.S.

Please visit the departments' websites to learn more about this major: www.math.ucsb.edu and www.pstat.ucsb.edu

PRE-MAJOR INFORMATION

Students are admitted initially to Pre-Financial Mathematics and Statistics, not directly to the major. Admission to the full major is contingent upon completion of all pre-major courses with a grade point average of 2.50 or higher in courses completed at the University of California and with no grade lower than "C". (Only UC grades go into the pre-major GPA. Transfer courses taken outside of UC may satisfy pre-major requirements, but they are not part of the pre-major GPA.) Computer Science 8 or 16 or Engineering 3 must also be completed with a grade of "C" or better. Preparation courses are excluded from the pre-major GPA but will apply to the overall major GPA.

Because the criteria are subject to annual review and revision, transfer students should consult the department directly to obtain current information regarding specific additional criteria for admission to the full major.

Admission to the pre-major does not guarantee admission to full major status.

PRE-MAJOR REQUIREMENTS:
Economics 1 and 2
Mathematics 3A, 3B, 4A, 4B, 6A, 6B, 8*

* Either MATH 4A, 4B, 6A, or 6B must be completed with a grade of "B" or better in order to take MATH 8 at UCSB.

PREPARATION FOR THE MAJOR:
One course from Computer Science 8, 16, or Engineering 3
Economics 10A
PSTAT 10

PRE-MAJOR REQUIREMENTS

| ECON 1 - Principles of Economics-Micro (4.00) | ECON 101 - Principles/ Micro (3.00) |
| ECON 2 - Principles of Economics-Macro (4.00) | ECON 102 - Principles/ Macro (3.00) |
| MATH 3A - Calculus with Applications, First Course (4.00) | MATH 180 - Single Variable Calculus I (4.00) |
| Or MATH 180H - Honors Single Variable Calculus I (4.00) |
| MATH 3B - Calculus with Applications, Second Course (4.00) | MATH 185 - Single Variable Calculus II (4.00) |
| MATH 4A - Linear Algebra with Applications (4.00) | MATH 290 - Linear Algebra (3.00) |
| Or MATH 287 - Introduction to Linear Algebra and Differential Equations (5.00) |
| MATH 4B - Differential Equations (4.00) | MATH 295 - Differential Equations (3.00) |
| Or MATH 287 - Introduction to Linear Algebra and Differential Equations (5.00) |
| MATH 6A - Vector Calculus with Applications, First Course (4.00) | MATH 280 - Intermediate Calculus (4.00) |
| MATH 6B - Vector Calculus with Applications, Second Course (4.00) | MATH 280 - Intermediate Calculus (4.00) |

**REFER TO TOP OF AGREEMENT**

| MATH 8 - Transition to Higher Mathematics (5.00) | No Course Articulated |

PREPARATION FOR THE MAJOR
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<td>CMPR 120</td>
<td>Introduction to Programming</td>
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<td>CMPR 122</td>
<td>Programming Concepts and Methodology I</td>
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<td>CMPSC 16</td>
<td>Problem Solving with Computers I</td>
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<td>CMPR 132</td>
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<td></td>
<td>This course must be taken at the university</td>
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<tr>
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<td>after transfer</td>
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<td>ECON 10A</td>
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<td>This course must be taken at the university</td>
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<td>after transfer</td>
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<td>PSTAT 10</td>
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END OF AGREEMENT
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
From: Santiago Canyon College

GENERAL INFORMATION FOR ALL MAJORS

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FRENCH, B.A.

Please visit the department's website to learn more about this major: www.frit.ucsb.edu

PREPARATION FOR THE MAJOR:

French 1, 2, 3, 4, 5, 6 (or equivalent)

Note: Native and near-native French speakers are required to consult with the Undergraduate Advisor before enrolling for the first time in any French course in order to verify placement.

NOTE FOR NATIVE SPEAKERS

Students who were educated through grade 9 or above in a school where a language other than English was the primary language of instruction will not get transfer credit for lower-division college courses teaching that
language. Please contact the department about a language proficiency exam. Performance on language proficiency exams may satisfy major requirements.

### PREPARATION FOR THE MAJOR

| FR 1 - Elementary French (5.00) | ← | FREN 101 - Elementary French I (5.00) |
| FR 2 - Elementary French (5.00) | And | FREN 102 - Elementary French II (5.00) |
| FR 3 - Elementary French (5.00) | And | |
| | Or equivalent | |

| FR 4 - Intermediate French (5.00) | ← | FREN 201 - Intermediate French I (5.00) |
| FR 5 - Intermediate French (5.00) | And | FREN 202 - Intermediate French II (5.00) |
| FR 6 - Intermediate French (5.00) | And | |
| | Or equivalent | |

### END OF AGREEMENT
# Articulation Agreement by Major

**Effective during the 2017-2018 Academic Year**

**To: University of California, Santa Barbara**  
**General Catalog, Quarter**

**From: Santiago Canyon College**  
**General Catalog, Semester**

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## GEOGRAPHY, B.A. - GEOGRAPHIC INFORMATION SCIENCE EMPHASIS

### GENERAL INFORMATION FOR ALL MAJORS

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## GEOGRAPHY, B.A. - GEOGRAPHIC INFORMATION SCIENCE EMPHASIS

Please visit the department's website to learn more about this major: [www.geog.ucsb.edu](http://www.geog.ucsb.edu)

### PREPARATION FOR THE MAJOR:

Geography 3A and 3B and 5 and 12

One course from: Chemistry 1A-1AL; EEMB 2-2L; MCDB 20; Environmental Studies 2; Earth Science 2 or 4; Physics 6A-6AL

One course from: Anthropology 2 or 5; Communication 1; Economics 1 or 2; Environmental Studies 3; Linguistics 20; Political Science 7; Psychology 1; Sociology 1

Computer Science 8

One course from: Communication 87; PSTAT 5A, 5LS; Psychology 5
## PREPARATION FOR THE MAJOR

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<td>GEOG 3B</td>
<td>Land, Water and Life</td>
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<td>GEOG 101</td>
<td>Physical Geography</td>
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<td>GEOG 5</td>
<td>People, Place and Environment</td>
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<td>GEOG 102</td>
<td>Cultural Geography</td>
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<td>GEOG 12</td>
<td>Maps and Spatial Reasoning</td>
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<tr>
<td>CMPR 122</td>
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**Select 1 Course(s) from the following**

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<td>CHEM 200A</td>
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<td>CHEM 200AH</td>
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<tr>
<td>BIOL 211</td>
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<td>BIOL 214</td>
<td>Plant Diversity and Evolution</td>
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<td>BIOL 109</td>
<td>Fundamentals of Biology</td>
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<td>BIOL 109H</td>
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<td>Principles of Physical Geology</td>
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**Strongly recommended:** Math 3A
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<td>PHYS 6A</td>
<td>Introductory Physics (3.00)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYS 6AL</td>
<td>Introductory Experimental Physics (1.00)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYS 150AC</td>
<td>Introductory Physics I-Calculus (1.00)</td>
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</table>

**Select 1 Course(s) from the following**

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<thead>
<tr>
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<th>Course Title</th>
<th>Units</th>
<th>Acceptable substitute</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 2</td>
<td>Introductory Cultural Anthropology (4.00)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTH 100</td>
<td>Introduction to Cultural Anthropology (3.00)</td>
<td>Or</td>
<td>ANTH 100H - Honors Introduction to Cultural Anthropology (3.00)</td>
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<tr>
<td>ANTH 5</td>
<td>Introductory Biological Anthropology (4.00)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTH 101</td>
<td>Introduction to Physical Anthropology (3.00)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMM 1</td>
<td>Introduction to Communication (5.00)</td>
<td></td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ECON 1</td>
<td>Principles of Economics-Micro (4.00)</td>
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<td>ECON 101 - Principles/ Micro (3.00)</td>
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<tr>
<td>ECON 2</td>
<td>Principles of Economics-Macro (4.00)</td>
<td></td>
<td>ECON 102 - Principles/ Macro (3.00)</td>
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<td>ENV S 3</td>
<td>Introduction to the Social and Cultural Environment (4.00)</td>
<td></td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>LING 20</td>
<td>Language and Linguistics (4.00)</td>
<td></td>
<td>ANTH 104 - Language and Culture (3.00)</td>
</tr>
<tr>
<td>POL S 7</td>
<td>Introduction to International Relations (4.00)</td>
<td></td>
<td>POLT 220 - International Politics (3.00)</td>
</tr>
<tr>
<td>PSY 1</td>
<td>Introduction to Psychology (4.00)</td>
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<td>PSYC 100 - Introduction to Psychology (3.00)</td>
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<tr>
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<td>Introduction to Sociology (4.00)</td>
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<td>SOC 100 - Introduction to Sociology (3.00)</td>
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<tbody>
<tr>
<td>COMM 87</td>
<td>Statistical Analysis for Communication (5.00)</td>
<td></td>
<td>MATH 219 - Statistics and Probability (4.00)</td>
</tr>
<tr>
<td>PSTAT 5A</td>
<td>Statistics (5.00)</td>
<td></td>
<td>MATH 219 - Statistics and Probability (4.00)</td>
</tr>
<tr>
<td>PSTAT 5LS</td>
<td>Statistics for Life Sciences (5.00)</td>
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<td>No Course Articulated</td>
</tr>
<tr>
<td>PSY 5</td>
<td>Introductory Statistics (5.00)</td>
<td></td>
<td>MATH 219 - Statistics and Probability (4.00)</td>
</tr>
<tr>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

3/4
MATH 219H - Honors Statistics and Probability (4.00)
  ▪ Acceptable substitute

STRONGLY RECOMMENDED

MATH 3A - Calculus with Applications, First Course (4.00)

MATH 180 - Single Variable Calculus I (4.00)

MATH 180H - Honors Single Variable Calculus I (4.00)

END OF AGREEMENT
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
   General Catalog, Quarter

From: Santiago Canyon College
   General Catalog, Semester

GEOGRAPHY, B.A.

GENERAL INFORMATION FOR ALL MAJORS

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GEOGRAPHY, B.A.

Please visit the department's website to learn more about this major: www.geog.ucsb.edu

PREPARATION FOR THE MAJOR:

Geography 3A and 3B

Geography 5

Geography 12

At least one course from Area A or B or C, below:

A. Chemistry 1A-1AL; EEMB 2-2L, MCDB 20, EEMB 21; Environmental Studies 2; Earth Science 2, 4; Physics 6A-6AL

B. Anthropology 2 or 5; Communication 1; Economics 1 or 2; Environmental Studies 3; Linguistics 20; Political Science 7; Psychology 1; Sociology 1
**PREPARATION FOR THE MAJOR**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 3A</td>
<td>Oceans and Atmosphere</td>
<td>4.00</td>
<td>No Course</td>
</tr>
<tr>
<td>GEOG 3B</td>
<td>Land, Water and Life</td>
<td>4.00</td>
<td>GEOG 101</td>
</tr>
<tr>
<td>GEOG 5</td>
<td>People, Place and Environment</td>
<td>4.00</td>
<td>GEOG 102</td>
</tr>
<tr>
<td>GEOG 12</td>
<td>Maps and Spatial Reasoning</td>
<td>4.00</td>
<td>GEOG 150</td>
</tr>
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Select 1 Course(s) from the following:

<table>
<thead>
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<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>CHEM 1A</td>
<td>General Chemistry</td>
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<td>CHEM 200A</td>
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<tr>
<td>CHEM 1AL</td>
<td>General Chemistry Laboratory</td>
<td>2.00</td>
<td>CHEM 200AH</td>
</tr>
<tr>
<td>EEMB 2</td>
<td>Introductory Biology II - Ecology and Evolution</td>
<td>3.00</td>
<td>BIOL 211</td>
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<tr>
<td>EEMB 2L</td>
<td>Introductory Biology Laboratory II</td>
<td>1.00</td>
<td>BIOL 212</td>
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<tr>
<td>MCDB 20</td>
<td>Concepts of Biology</td>
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<td>BIOL 214</td>
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<tr>
<td>EEMB 21</td>
<td>General Botany</td>
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<tr>
<td>ENV S 2</td>
<td>Introduction to Environmental Science</td>
<td>4.00</td>
<td>BIOL 109</td>
</tr>
<tr>
<td>EARTH 2</td>
<td>Principles of Physical Geology</td>
<td>4.00</td>
<td>BIOL 109H</td>
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<tr>
<td>EARTH 4</td>
<td>Introduction to Oceanography</td>
<td>4.00</td>
<td>No Course</td>
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<tr>
<td>PHYS 150A</td>
<td>Introductory Physics I</td>
<td>4.00</td>
<td>ERTH 160</td>
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C. Geography 7, 8, 20

One statistics course from: PSTAT 5A, 5LS; Communication 87; Psychology 5

**Strongly recommended:** Math 3A and one course in computer programming
<table>
<thead>
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<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>PHYS 6A</td>
<td>Introductory Physics (3.00)</td>
<td></td>
<td>And</td>
</tr>
<tr>
<td>PHYS 6AL</td>
<td>Introductory Experimental Physics (1.00)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTH 2</td>
<td>Introductory Cultural Anthropology (4.00)</td>
<td></td>
<td>← ANTH 100 - Introduction to Cultural Anthropology (3.00)</td>
</tr>
<tr>
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<td>Introductory Biological Anthropology (4.00)</td>
<td></td>
<td>← ANTH 101 - Introduction to Physical Anthropology (3.00)</td>
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<tr>
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<td>Introduction to Communication (5.00)</td>
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<tr>
<td>ENV S 3</td>
<td>Introduction to the Social and Cultural Environment (4.00)</td>
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<td>← No Course Articulated</td>
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<tr>
<td>LING 20</td>
<td>Language and Linguistics (4.00)</td>
<td></td>
<td>← ANTH 104 - Language and Culture (3.00)</td>
</tr>
<tr>
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<td>Introduction to International Relations (4.00)</td>
<td></td>
<td>← POLT 220 - International Politics (3.00)</td>
</tr>
<tr>
<td>PSY 7</td>
<td>Introduction to Experimental Psychology (3.00)</td>
<td></td>
<td>← PSYC 219 - Introduction to Research Methods in Psychology (4.00)</td>
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<tr>
<td>SOC 1</td>
<td>Introduction to Sociology (4.00)</td>
<td></td>
<td>← SOC 100 - Introduction to Sociology (3.00)</td>
</tr>
<tr>
<td>GEOG 7</td>
<td>Energy, Water, and Climate (4.00)</td>
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<td>← No Course Articulated</td>
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<tr>
<td>GEOG 8</td>
<td>Living with Global Warming (4.00)</td>
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<td>← No Course Articulated</td>
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<tr>
<td>GEOG 20</td>
<td>Geography of Surfing (4.00)</td>
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<td>← No Course Articulated</td>
</tr>
<tr>
<td>PSTAT 5A</td>
<td>Statistics (5.00)</td>
<td></td>
<td>← MATH 219 - Statistics and Probability (4.00)</td>
</tr>
<tr>
<td>PSTAT 5LS</td>
<td>Statistics for Life Sciences (5.00)</td>
<td></td>
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<td>COMM 87</td>
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<td>← MATH 219 - Statistics and Probability (4.00)</td>
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<td>Statistics and Probability (4.00)</td>
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<tr>
<td>MATH 219H</td>
<td>Honors Statistics and Probability (4.00)</td>
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<td>← Acceptable substitute</td>
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<tr>
<td>MATH 219</td>
<td>Statistics and Probability (4.00)</td>
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Acceptable substitute
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<tr>
<td>MATH 219H</td>
<td>Honors Statistics and Probability</td>
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**STRONGLY RECOMMENDED**

<table>
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<tr>
<th>Course</th>
<th>Description</th>
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<tr>
<td>MATH 3A</td>
<td>Calculus with Applications, First Course</td>
<td>4.00</td>
</tr>
<tr>
<td>Or</td>
<td>MATH 180</td>
<td>Single Variable Calculus I</td>
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<tr>
<td>Or</td>
<td>MATH 180H</td>
<td>Honors Single Variable Calculus I</td>
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<th>Course</th>
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<tr>
<td>CMPSC 8</td>
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<td>Or</td>
<td>CMPR 120</td>
<td>Introduction to Programming</td>
</tr>
<tr>
<td>Or</td>
<td>CMPR 122</td>
<td>Programming Concepts and Methodology I</td>
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**END OF AGREEMENT**
Articulation Agreement  
by Major  
Effective during the 2017-2018 Academic Year  

To: University of California, Santa Barbara  
General Catalog, Quarter  

From: Santiago Canyon College  
General Catalog, Semester  

GERMAN, B.A.  

GENERAL INFORMATION FOR ALL MAJORS  

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GERMAN, B.A.  

Please visit the department's website to learn more about this major: www.gss.ucsb.edu  

PREPARATION FOR THE MAJOR:  

German 1, 2, 3, 4, 5, 6 or placement beyond level 6 in departmental placement examination  

Recommended: German 8A-B-C  

NOTE FOR NATIVE SPEAKERS  

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language. Please contact the department about a language proficiency exam. Performance on language proficiency exams may satisfy major requirements.

**PREPARATION FOR THE MAJOR**

<table>
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<th>Course</th>
<th>Description</th>
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<tr>
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<td>And</td>
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<tr>
<td>GER 2</td>
<td>Elementary German (5.00)</td>
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<td>And</td>
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</tr>
<tr>
<td>GER 3</td>
<td>Elementary German (5.00)</td>
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<tr>
<td>GER 4</td>
<td>Intermediate German (5.00)</td>
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<td>And</td>
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<td>Articulated</td>
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<tr>
<td>GER 5</td>
<td>Intermediate German (5.00)</td>
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<td>And</td>
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<tr>
<td>GER 6</td>
<td>Intermediate German (5.00)</td>
<td>Or equivalent</td>
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**RECOMMENDED**

<table>
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<tbody>
<tr>
<td>GER 8A</td>
<td>Beginning German Conversation (2.00)</td>
<td>No Course</td>
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<tr>
<td>And</td>
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<td>Articulated</td>
</tr>
<tr>
<td>GER 8B</td>
<td>Beginning German Conversation (2.00)</td>
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<td>And</td>
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</tr>
<tr>
<td>GER 8C</td>
<td>Beginning German Conversation (2.00)</td>
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**END OF AGREEMENT**
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

GLOBAL STUDIES, B.A.

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GLOBAL STUDIES, B.A.

Please visit the department's website to learn more about this major: www.global.ucsb.edu

PREPARATION FOR THE MAJOR:

I. Global Studies 1 and 2 (these courses may be taken after transfer)

II. One course from the following: Anthropology 2; Economics 1, 2; Environmental Studies 1, 3; Feminist Studies 20, 30; Geography 5; Political Science 6, 7; Religious Studies 1; Sociology 1

III. One course from the following: Art History 6C, 6E, 6K; East Asian Cultural Studies 3, 4B, 80; History 4C, 8, 17C, 46, 49B; Middle East Studies 45

IV. Completion of quarter 6 or semester 4 (or equivalent) of a modern foreign language (ASL and Latin cannot be used for this requirement)

V. Completion of one additional year of a modern foreign language (Option a or b below)
a) SAME language as Area IV: Advanced and/or upper division courses in that language

b) DIFFERENT language: Beginning year of a language (the third year of high school foreign language accepted by UCSB for General Education Area B might also satisfy this requirement, ASL and Latin cannot be used for this requirement)

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### AREA I

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<tr>
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<th>Course Title</th>
<th>Articulated Course</th>
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<tbody>
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<td>GLOBL 1</td>
<td>Global History, Culture and Ideology (4.00)</td>
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</tr>
<tr>
<td>GLOBL 2</td>
<td>Global Socioeconomic and Political Processes (4.00)</td>
<td>No Course Articulated</td>
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### AREA II

**Select 1 Course(s) from the following**

<table>
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<td>ECON 102 - Principles/ Macro (3.00)</td>
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<tr>
<td>ENV S 1</td>
<td>Introduction to Environmental Studies (4.00)</td>
<td>BIOL 200 - Environment of Man (3.00)</td>
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<tr>
<td>ENV S 3</td>
<td>Introduction to the Social and Cultural Environment (4.00)</td>
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<tr>
<td>FEMST 20</td>
<td>Gender and Power: Introduction to Feminist Studies (4.00)</td>
<td>WMNS 101 - Introduction to Women’s Studies (3.00)</td>
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<td>FEMST 30</td>
<td>Women, Development, and Globalization (4.00)</td>
<td>No Course Articulated</td>
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<td>GEOG 5</td>
<td>People, Place and Environment (4.00)</td>
<td>GEOG 102 - Cultural Geography (3.00)</td>
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<td>Course Title</td>
<td>Credits</td>
</tr>
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</tr>
<tr>
<td>POL S 6</td>
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<td>POL S 7</td>
<td>Introduction to International Relations</td>
<td>4.00</td>
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<td>RG ST 1</td>
<td>Introduction to the Study of Religion</td>
<td>4.00</td>
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<tr>
<td>SOC 1</td>
<td>Introduction to Sociology</td>
<td>4.00</td>
</tr>
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**AREA III**

**Select 1 Course(s) from the following**

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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ARTHI 6C</td>
<td>Art Survey III: Modern-Contemporary Art</td>
<td>4.00</td>
<td>ART 102 - Survey of Western Art History II: Renaissance through the Twentieth Century (3.00)</td>
</tr>
<tr>
<td>ARTHI 6E</td>
<td>Survey: Arts of Africa, Oceania, and Native North America</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ARTHI 6K</td>
<td>Survey: Islamic Art and Architecture</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>EACS 3</td>
<td>Introduction to Asian Religious Traditions</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>EACS 4B</td>
<td>East Asian Traditions: Modern</td>
<td>4.00</td>
<td>This course is never articulated</td>
</tr>
<tr>
<td>EACS 80</td>
<td>East Asian Civilization</td>
<td>4.00</td>
<td>HIST 162 - Asian Civilizations (3.00)</td>
</tr>
<tr>
<td>HIST 4C</td>
<td>Western Civilization</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>HIST 8</td>
<td>Introduction to History of Latin America</td>
<td>4.00</td>
<td>HIST 152 - Latin American History (3.00)</td>
</tr>
<tr>
<td>HIST 17C</td>
<td>The American People</td>
<td>4.00</td>
<td>HIST 121 - The United States since 1877 (3.00) Or HIST 121H - Honors The United States since 1877 (3.00)</td>
</tr>
<tr>
<td>HIST 46</td>
<td>Survey of Middle Eastern History</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>HIST 49B</td>
<td>Survey of African History</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>MES 45</td>
<td>Introduction to Middle East Studies</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
</tbody>
</table>

**AREA IV**
**REFER TO TOP OF AGREEMENT**
Two years of a modern foreign language ← No Course Articulated

**AREA V**

**REFER TO TOP OF AGREEMENT**
One additional year of a modern foreign language ← No Course Articulated

END OF AGREEMENT
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

HISTORY, B.A.

GENERAL INFORMATION FOR ALL MAJORS

All transfer applicants must satisfy University of California admissions eligibility requirements as well as meeting campus admission selection criteria. Completing the UC transfer admission requirements in English and mathematics by the end of the fall term prior to the fall application quarter makes an applicant more competitive for admission to UCSB. All admission requirements must be completed by the end of spring prior to transfer. For more information on UC admissions eligibility requirements and admission to UCSB, please visit the Admissions website: www.admissions.ucsb.edu

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HISTORY, B.A.

Please visit the department's website to learn more about this major: www.history.ucsb.edu

PREPARATION FOR THE MAJOR:

A. One of the following three sequences: History 2A-B-C, 2A or 4A and 4B-C, 17A-B-C

B. 8 lower-division quarter units (2 courses) selected from any historical field in History

**Breadth Requirement:** The breadth requirement may be fulfilled at the lower-division and/or upper-division level, and the same course may fulfill a chronological and regional requirement simultaneously. Articulated community college courses are all lower-division, so only the lower-division options are listed here. There are many upper-division options at UCSB. The breadth requirement can be fulfilled prior to transfer, or it can be partially fulfilled prior to transfer and completed after transfer.

**Breadth Requirement Part 1:** Three courses focusing before 1800 selected from the following courses: History 2A, 2B, 4A, 4B, 17A, 49A, 87
Breadth Requirement Part 2 - At least one course in at least four of the following six categories:

A. **Africa and the Middle East**: History 46, 46MI, 49A, 49B
B. **Asia**: History 25, 80, 87, 88
C. **Europe**: History 4A, 4B, 4C
D. **Latin America**: History 8, 56
E. **United States**: History 17A, 17B, 17C
F. **World History and Comparative History**: History 2A, 2B, 2C, 49A, 49B

---

**AREA A**

**Select 1 Sequence(s) from the following**

| HIST 2A - World History (4.00) | ← | HIST 101 - World Civilizations to the 16th Century (3.00) |
| HIST 2B - World History (4.00) | And | And |
| HIST 2C - World History (4.00) | And | And |

Or

| HIST 4A - Western Civilization (4.00) | ← | No Course Articulated |
| HIST 4B - Western Civilization (4.00) | And | And |
| HIST 4C - Western Civilization (4.00) | And | And |

Or

| HIST 17A - The American People (4.00) | ← | HIST 120 - The United States to 1877 (3.00) |
| HIST 17B - The American People (4.00) | And | And |
| HIST 17C - The American People (4.00) | And | And |

Or

| HIST 120 - The United States to 1877 (3.00) | ← | No Course Articulated |
| HIST 121 - The United States since 1877 (3.00) |

Or

| HIST 120H - Honors The United States to 1877 (3.00) |
| HIST 121H - Honors The United States since 1877 (3.00) | And | And |
### AREA B

#### Select 2 Course(s) from the following

<table>
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<tr>
<th>Course Code</th>
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<th>Articulation</th>
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<tbody>
<tr>
<td>HIST 5</td>
<td>The History of the Present (4.00)</td>
<td>No Course Articulated</td>
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<tr>
<td>HIST 7</td>
<td>Great Issues in the History of Public Policy (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>HIST 8</td>
<td>Introduction to History of Latin America (4.00)</td>
<td>HIST 152 - Latin American History (3.00)</td>
</tr>
<tr>
<td>HIST 11A</td>
<td>History of America's Racial and Ethnic Minorites (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>HIST 11B</td>
<td>History of America's Racial and Ethnic Minorites (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>HIST 20</td>
<td>Science, Technology, and Medicine in Modern Society (4.00)</td>
<td>No Course Articulated</td>
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<tr>
<td>HIST 25</td>
<td>Violence and the Japanese State (4.00)</td>
<td>No Course Articulated</td>
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<td>Same-As: JAPAN 25</td>
<td></td>
</tr>
<tr>
<td>HIST 46</td>
<td>Survey of Middle Eastern History (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>HIST 46MI</td>
<td>Modern Iran (4.00)</td>
<td>No Course Articulated</td>
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<tr>
<td></td>
<td>Same-As: RG ST 81</td>
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<tr>
<td>HIST 49A</td>
<td>Survey of African History (4.00)</td>
<td>No Course Articulated</td>
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<td></td>
<td>Same-As: BL ST 49A</td>
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<tr>
<td>HIST 49B</td>
<td>Survey of African History (4.00)</td>
<td>No Course Articulated</td>
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<td>Same-As: BL ST 49B</td>
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<tr>
<td>HIST 56</td>
<td>Introduction to Mexican History (4.00)</td>
<td>No Course Articulated</td>
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<tr>
<td>HIST 80</td>
<td>East Asian Civilization (4.00)</td>
<td>HIST 162 - Asian Civilizations (3.00)</td>
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<td></td>
<td>Same-As: EACS 80</td>
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<tr>
<td>HIST 87</td>
<td>Japanese History Through Art and Literature (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>HIST 88</td>
<td>Survey of South Asian History (4.00)</td>
<td>No Course Articulated</td>
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#### BREADTH REQUIREMENT PART ONE

#### Select 3 Course(s) from the following

**REFER TO TOP OF AGREEMENT**

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<th>Articulation</th>
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<tbody>
<tr>
<td>HIST 2A</td>
<td>World History (4.00)</td>
<td>HIST 101 - World Civilizations to the 16th Century (3.00)</td>
</tr>
<tr>
<td></td>
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<td>Or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HIST 101H - Honors World Civilizations to the 16th Century (3.00)</td>
</tr>
<tr>
<td>HIST 2B</td>
<td>World History (4.00)</td>
<td>HIST 101 - World Civilizations to the 16th Century (3.00)</td>
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<tr>
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<td>And</td>
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<td></td>
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<td>Course Title</td>
<td>Credits</td>
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<tr>
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<tr>
<td>HIST 102</td>
<td>World Civilizations since the 16th Century (3.00)</td>
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<tr>
<td>Or</td>
<td>HIST 101H - Honors World Civilizations to the 16th Century (3.00)</td>
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<tr>
<td>And</td>
<td>HIST 102H - Honors World Civilizations since the 16th Century (3.00)</td>
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<tr>
<td>HIST 4A</td>
<td>Western Civilization (4.00)</td>
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<tr>
<td></td>
<td>HIST 4B - Western Civilization (4.00)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>HIST 17A - The American People (4.00)</td>
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</tr>
<tr>
<td></td>
<td>HIST 120 - The United States to 1877 (3.00)</td>
<td></td>
</tr>
<tr>
<td>Or</td>
<td>HIST 120H - Honors The United States to 1877 (3.00)</td>
<td></td>
</tr>
<tr>
<td>HIST 49A</td>
<td>Survey of African History (4.00)</td>
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<td>Same-As:</td>
<td>BL ST 49A</td>
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<tr>
<td>HIST 87</td>
<td>Japanese History Through Art and Literature (4.00)</td>
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<td>BREADTH REQUIREMENT PART TWO A-AFRICA AND THE MIDDLE EAST</td>
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<tr>
<td>HIST 46 - Survey of Middle Eastern History (4.00)</td>
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<td>HIST 46MI - Modern Iran (4.00)</td>
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<td>No Course Articulated</td>
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<td>Same-As:</td>
<td>RG ST 81</td>
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<tr>
<td>HIST 49A   - Survey of African History (4.00)</td>
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<td>No Course Articulated</td>
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<td>Same-As:</td>
<td>BL ST 49A</td>
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<td>HIST 49B   - Survey of African History (4.00)</td>
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<td>Same-As:</td>
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<td>BREADTH REQUIREMENT PART TWO B-ASIA</td>
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<tr>
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</tr>
<tr>
<td>HIST 80 - East Asian Civilization (4.00)</td>
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<td>HIST 162 - Asian Civilizations (3.00)</td>
</tr>
<tr>
<td>Same-As:</td>
<td>EACS 80</td>
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</tr>
<tr>
<td>HIST 87 - Japanese History Through Art and Literature (4.00)</td>
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<td>No Course Articulated</td>
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<tr>
<td>HIST 88 - Survey of South Asian History (4.00)</td>
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## BREADTH REQUIREMENT PART TWO C-EUROPE

**Select up to 1 Course(s) from the following**

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<th>Articulated</th>
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</thead>
<tbody>
<tr>
<td>HIST 4A</td>
<td>Western Civilization (4.00)</td>
<td></td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>HIST 4B</td>
<td>Western Civilization (4.00)</td>
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<td>No Course Articulated</td>
</tr>
<tr>
<td>HIST 4C</td>
<td>Western Civilization (4.00)</td>
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## BREADTH REQUIREMENT PART TWO D-LATIN AMERICA

**Select up to 1 Course(s) from the following**

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<th>Course Title</th>
<th>Units</th>
<th>Articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 8</td>
<td>Introduction to History of Latin America (4.00)</td>
<td></td>
<td><strong>HIST 152</strong> - Latin American History (3.00)</td>
</tr>
<tr>
<td>HIST 56</td>
<td>Introduction to Mexican History (4.00)</td>
<td></td>
<td>No Course Articulated</td>
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## BREADTH REQUIREMENT PART TWO E-UNITED STATES

**Select up to 1 Course(s) from the following**

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<th>Course Title</th>
<th>Units</th>
<th>Articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 17A</td>
<td>The American People (4.00)</td>
<td></td>
<td><strong>HIST 120</strong> - The United States to 1877 (3.00)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Or <strong>HIST 120H</strong> - Honors The United States to 1877 (3.00)</td>
</tr>
<tr>
<td>HIST 17B</td>
<td>The American People (4.00)</td>
<td></td>
<td><strong>HIST 121</strong> - The United States since 1877 (3.00)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>And <strong>HIST 120H</strong> - Honors The United States to 1877 (3.00)</td>
</tr>
<tr>
<td>HIST 17C</td>
<td>The American People (4.00)</td>
<td></td>
<td><strong>HIST 121H</strong> - Honors The United States since 1877 (3.00)</td>
</tr>
</tbody>
</table>

**Or**

**HIST 121** - The United States since 1877 (3.00)
### BREADTH REQUIREMENT PART TWO F-WORLD HISTORY AND COMPARATIVE HISTORY

Select up to 1 Course(s) from the following

**REFER TO TOP OF AGREEMENT**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>HIST 2A</td>
<td>World History (4.00)</td>
<td></td>
<td>HIST 101 - World Civilizations to the 16th Century (3.00) Or HIST 101H - Honors World Civilizations to the 16th Century (3.00)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Or</td>
</tr>
<tr>
<td>HIST 2B</td>
<td>World History (4.00)</td>
<td></td>
<td>HIST 101 - World Civilizations to the 16th Century (3.00) And HIST 102 - World Civilizations since the 16th Century (3.00) Or HIST 101H - Honors World Civilizations to the 16th Century (3.00) And HIST 102H - Honors World Civilizations since the 16th Century (3.00)</td>
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<tr>
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<td></td>
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<td>And</td>
</tr>
<tr>
<td>HIST 2C</td>
<td>World History (4.00)</td>
<td></td>
<td>HIST 102 - World Civilizations since the 16th Century (3.00) Or HIST 102H - Honors World Civilizations since the 16th Century (3.00)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Or</td>
</tr>
<tr>
<td>HIST 49A</td>
<td>Survey of African History (4.00)</td>
<td></td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>Same-As: BL ST 49A</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>HIST 49B</td>
<td>Survey of African History (4.00)</td>
<td></td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>Same-As: BL ST 49B</td>
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END OF AGREEMENT
Articulation Agreement by Major  
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

HISTORY OF ART AND ARCHITECTURE, B.A. - ARCHITECTURE AND ENVIRONMENT EMPHASIS

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HISTORY OF ART AND ARCHITECTURE, B.A. - ARCHITECTURE AND ENVIRONMENT EMPHASIS

Please visit the department's website to learn more about this major: [www.arthistory.ucsb.edu](http://www.arthistory.ucsb.edu)

PREPARATION FOR THE MAJOR:

A. **Art History 5A** and **Art History 6F** or **6J**

B. Three courses from **Art History 5B, 6A-B-C-DS-DW-E-G-H-K; Anthropology 2; Art 1A; Environmental Studies 1, 3; Geography 5; Sociology 1**

**At least one course in Area B must come from Art History**
## AREA A

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Articulated Course</th>
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<tbody>
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<td>Introduction to Architecture and Environment</td>
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</tr>
<tr>
<td>ARTHI 6F</td>
<td>Survey: Architecture and Planning</td>
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</tr>
<tr>
<td>ARTHI 6J</td>
<td>Survey: Contemporary Architecture</td>
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</table>

Or

## AREA B

**Select 3 Course(s) from the following**

**REFER TO TOP OF AGREEMENT**

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Articulated Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTHI 5B</td>
<td>Introduction to Museum Studies</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ARTHI 6A</td>
<td>Art Survey I: Ancient-Medieval Art</td>
<td>ART 101</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Survey of Western Art History I: Prehistory through the Middle Ages (3.00)</td>
</tr>
<tr>
<td>ARTHI 6B</td>
<td>Art Survey II: Renaissance-Baroque Art</td>
<td>ART 102</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Survey of Western Art History II: Renaissance through the Twentieth Century (3.00)</td>
</tr>
<tr>
<td>ARTHI 6C</td>
<td>Art Survey III: Modern-Contemporary Art</td>
<td>ART 102</td>
</tr>
<tr>
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<td></td>
<td>Survey of Western Art History II: Renaissance through the Twentieth Century (3.00)</td>
</tr>
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<td>ARTHI 6DS</td>
<td>Survey: History of Art in China</td>
<td>No Course Articulated</td>
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<td>ARTHI 6DW</td>
<td>Survey: Art of Japan and Korea</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ARTHI 6E</td>
<td>Survey: Arts of Africa, Oceania, and Native North America</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ARTHI 6G</td>
<td>Survey: History of Photography</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ARTHI 6H</td>
<td>Survey: Pre-Columbian Art</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ARTHI 6K</td>
<td>Survey: Islamic Art and Architecture</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ANTH 2</td>
<td>Introductory Cultural Anthropology</td>
<td>ANTH 100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Introduction to Cultural Anthropology (3.00)</td>
</tr>
<tr>
<td>ART 1A</td>
<td>Visual Literacy</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ANTH 100H</td>
<td>Honors Introduction to Cultural Anthropology</td>
<td>No Course Articulated</td>
</tr>
</tbody>
</table>

Or
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Equivalent Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENV S 1</td>
<td>Introduction to Environmental Studies (4.00)</td>
<td></td>
<td>BIOL 200 - Environment of Man (3.00)</td>
</tr>
<tr>
<td>ENV S 3</td>
<td>Introduction to the Social and Cultural Environment (4.00)</td>
<td></td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>GEOG 5</td>
<td>People, Place and Environment (4.00)</td>
<td></td>
<td>GEOG 102 - Cultural Geography (3.00)</td>
</tr>
<tr>
<td>SOC 1</td>
<td>Introduction to Sociology (4.00)</td>
<td></td>
<td>SOC 100 - Introduction to Sociology (3.00) Or SOC 100H - Honors Introduction to Sociology (3.00)</td>
</tr>
</tbody>
</table>

END OF AGREEMENT
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

HISTORY OF ART AND ARCHITECTURE, B.A. - MUSEUM STUDIES EMPHASIS

GENERAL INFORMATION FOR ALL MAJORS

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HISTORY OF ART AND ARCHITECTURE, B.A. - MUSEUM STUDIES EMPHASIS

Please visit the department's website to learn more about this major: www.arthistory.ucsb.edu

PREPARATION FOR THE MAJOR:

A. Art History 5B

B. Four courses from Art History 5A, 6A-B-C-DS-DW-E-F-G-H-J-K

AREA A

ARTHI 5B - Introduction to Museum Studies (4.00)        No Course Articulated
### AREA B

**Select 4 Course(s) from the following**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Articulated Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTHI 5A</td>
<td>Introduction to Architecture and Environment (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ARTHI 6A</td>
<td>Art Survey I: Ancient-Medieval Art (4.00)</td>
<td>ART 101 - Survey of Western Art History I: Prehistory through the Middle Ages (3.00)</td>
</tr>
<tr>
<td>ARTHI 6B</td>
<td>Art Survey II: Renaissance-Baroque Art (4.00)</td>
<td>ART 101 - Survey of Western Art History I: Prehistory through the Middle Ages (3.00)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ART 102 - Survey of Western Art History II: Renaissance through the Twentieth Century (3.00)</td>
</tr>
<tr>
<td>ART 101</td>
<td>Survey of Western Art History I: Prehistory through the Middle Ages (3.00)</td>
<td></td>
</tr>
<tr>
<td>ART 102</td>
<td>Survey of Western Art History II: Renaissance through the Twentieth Century (3.00)</td>
<td></td>
</tr>
<tr>
<td>ARTHI 6C</td>
<td>Art Survey III: Modern-Contemporary Art (4.00)</td>
<td>ART 102 - Survey of Western Art History II: Renaissance through the Twentieth Century (3.00)</td>
</tr>
<tr>
<td>ARTHI 6DS</td>
<td>Survey: History of Art in China (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ARTHI 6DW</td>
<td>Survey: Art of Japan and Korea (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ARTHI 6E</td>
<td>Survey: Arts of Africa, Oceania, and Native North America (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ARTHI 6F</td>
<td>Survey: Architecture and Planning (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ARTHI 6G</td>
<td>Survey: History of Photography (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ARTHI 6H</td>
<td>Survey: Pre-Columbian Art (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ARTHI 6J</td>
<td>Survey: Contemporary Architecture (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ARTHI 6K</td>
<td>Survey: Islamic Art and Architecture (4.00)</td>
<td>No Course Articulated</td>
</tr>
</tbody>
</table>

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Articulation Agreement by Major
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From: Santiago Canyon College General Catalog, Semester

HISTORY OF ART AND ARCHITECTURE, B.A.

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HISTORY OF ART AND ARCHITECTURE, B.A.

Please visit the department's website to learn more about this major: www.arthistory.ucsb.edu

PREPARATION FOR THE MAJOR:

A. Two courses from the European Tradition: Art History 6A-B-C
B. Two courses from World Cultures: Art History 6DS-DW-E-H-K
C. One course from Architecture, Museum Studies, or Photography: Art History 5A-B, 6F-G-J

AREA A

Select 2 Course(s) from the following
<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ARTHI 6A</strong></td>
<td>Art Survey I: Ancient-Medieval Art</td>
<td>4.00</td>
<td><strong>ART 101</strong> - Survey of Western Art History I: Prehistory through the Middle Ages (3.00)</td>
</tr>
<tr>
<td><strong>ARTHI 6B</strong></td>
<td>Art Survey II: Renaissance-Baroque Art</td>
<td>4.00</td>
<td><strong>ART 101</strong> - Survey of Western Art History I: Prehistory through the Middle Ages (3.00) <strong>ART 102</strong> - Survey of Western Art History II: Renaissance through the Twentieth Century (3.00)</td>
</tr>
<tr>
<td><strong>ARTHI 6C</strong></td>
<td>Art Survey III: Modern-Contemporary Art</td>
<td>4.00</td>
<td><strong>ART 102</strong> - Survey of Western Art History II: Renaissance through the Twentieth Century (3.00)</td>
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**AREA B**

Select 2 Course(s) from the following

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ARTHI 6DS</strong></td>
<td>Survey: History of Art in China</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td><strong>ARTHI 6DW</strong></td>
<td>Survey: Art of Japan and Korea</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td><strong>ARTHI 6E</strong></td>
<td>Survey: Arts of Africa, Oceania, and Native North America</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td><strong>ARTHI 6H</strong></td>
<td>Survey: Pre-Columbian Art</td>
<td>4.00</td>
<td>No Course Articulated</td>
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<tr>
<td><strong>ARTHI 6K</strong></td>
<td>Survey: Islamic Art and Architecture</td>
<td>4.00</td>
<td>No Course Articulated</td>
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</tbody>
</table>

**AREA C**

Select 1 Course(s) from the following

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ARTHI 5A</strong></td>
<td>Introduction to Architecture and Environment</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td><strong>ARTHI 5B</strong></td>
<td>Introduction to Museum Studies</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td><strong>ARTHI 6F</strong></td>
<td>Survey: Architecture and Planning</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td><strong>ARTHI 6G</strong></td>
<td>Survey: History of Photography</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td><strong>ARTHI 6J</strong></td>
<td>Survey: Contemporary Architecture</td>
<td>4.00</td>
<td>No Course Articulated</td>
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</tbody>
</table>

END OF AGREEMENT
Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

HISTORY OF PUBLIC POLICY, B.A.

GENERAL INFORMATION FOR ALL MAJORS

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HISTORY OF PUBLIC POLICY, B.A.

Please visit the department's website to learn more about this major: www.history.ucsb.edu

PREPARATION FOR THE MAJOR:

History 5 or 7

One of the following three sequences: History 2A-B-C, 2A or 4A and 4B-C, 17A-B-C

1 course in History selected from cultures outside the U.S. and Europe

4 courses from the following cognate disciplines, with at least 1 course in 3 different disciplines: Anthropology 2; Black Studies 5, 6; Economics 1, 2, 9; Environmental Studies 1, 3; Feminist Studies 20, 60; Global Studies 2; Philosophy 3, 4; Political Science 1, 6, 7, 12; Sociology 1

Recommended for students who intend graduate study in the field:
PSTAT 5A or 109

Foreign Language: Completion through quarter 5 or equivalent in a language appropriate to area of historical emphasis in the major

## PREPARATION FOR THE MAJOR

<table>
<thead>
<tr>
<th>HIST 5 - The History of the Present (4.00)</th>
<th>←</th>
<th>No Course Articulated</th>
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<tbody>
<tr>
<td>HIST 7 - Great Issues in the History of Public Policy (4.00)</td>
<td>←</td>
<td>No Course Articulated</td>
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### Select 1 Sequence(s) from the following

<table>
<thead>
<tr>
<th>HIST 2A - World History (4.00)</th>
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<tbody>
<tr>
<td>HIST 2B - World History (4.00)</td>
<td>And</td>
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<tr>
<td>HIST 2C - World History (4.00)</td>
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</table>

<table>
<thead>
<tr>
<th>HIST 101 - World Civilizations to the 16th Century (3.00)</th>
<th>And</th>
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</thead>
<tbody>
<tr>
<td>HIST 102 - World Civilizations since the 16th Century (3.00)</td>
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<td>HIST 101H - Honors World Civilizations to the 16th Century (3.00)</td>
<td>Or</td>
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<tr>
<td>HIST 102H - Honors World Civilizations since the 16th Century (3.00)</td>
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<table>
<thead>
<tr>
<th>HIST 4A - Western Civilization (4.00)</th>
<th>And</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 4B - Western Civilization (4.00)</td>
<td>And</td>
</tr>
<tr>
<td>HIST 4C - Western Civilization (4.00)</td>
<td></td>
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<table>
<thead>
<tr>
<th>HIST 120 - The United States to 1877 (3.00)</th>
<th>And</th>
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</thead>
<tbody>
<tr>
<td>HIST 121 - The United States since 1877 (3.00)</td>
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</tr>
<tr>
<td>HIST 120H - Honors The United States to 1877 (3.00)</td>
<td>Or</td>
</tr>
<tr>
<td>HIST 121H - Honors The United States since 1877 (3.00)</td>
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</tbody>
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### Select 1 Course(s) from the following

- One lower-division course in Asian, African, Latin American, or Middle Eastern history
- HIST 152 - Latin American History (3.00)
- HIST 162 - Asian Civilizations (3.00)
<table>
<thead>
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<th>Course Title</th>
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<tbody>
<tr>
<td>ANTH 2</td>
<td>Introductory Cultural Anthropology</td>
<td>4.00</td>
<td>ANTH 100</td>
</tr>
<tr>
<td></td>
<td>(4.00)</td>
<td></td>
<td>ANTH 100H</td>
</tr>
<tr>
<td></td>
<td>Or</td>
<td></td>
<td>Or</td>
</tr>
<tr>
<td>BL ST 5</td>
<td>Blacks and Western Civilization</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>BL ST 6</td>
<td>The Civil Rights Movement</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ECON 1</td>
<td>Principles of Economics-Micro</td>
<td>4.00</td>
<td>ECON 101</td>
</tr>
<tr>
<td>ECON 2</td>
<td>Principles of Economics-Macro</td>
<td>4.00</td>
<td>ECON 102</td>
</tr>
<tr>
<td>ECON 9</td>
<td>Introduction to Economics</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ENV S 1</td>
<td>Introduction to Environmental Studies</td>
<td>4.00</td>
<td>BIOL 200</td>
</tr>
<tr>
<td>ENV S 3</td>
<td>Introduction to the Social and Cultural Environment</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>FEMST 20</td>
<td>Gender and Power: Introduction to Feminist Studies</td>
<td>4.00</td>
<td>WMNS 101</td>
</tr>
<tr>
<td>FEMST 60</td>
<td>Women of Color: Race, Class, and Ethnicity</td>
<td>4.00</td>
<td>No Course Articulated</td>
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<tr>
<td>GLOBL 2</td>
<td>Global Socioeconomic and Political Processes</td>
<td>4.00</td>
<td>No Course Articulated</td>
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<td>PHIL 3</td>
<td>Critical Thinking</td>
<td>4.00</td>
<td>PHIL 111</td>
</tr>
<tr>
<td>PHIL 4</td>
<td>Introduction to Ethics</td>
<td>4.00</td>
<td>PHIL 108</td>
</tr>
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<td>POL S 1</td>
<td>Introduction to Political Philosophy</td>
<td>4.00</td>
<td>POLT 230</td>
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<td>POL S 6</td>
<td>Introduction to Comparative Politics</td>
<td>4.00</td>
<td>POLT 201</td>
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<td>POL S 7</td>
<td>Introduction to International Relations</td>
<td>4.00</td>
<td>POLT 220</td>
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<td>POL S 12</td>
<td>American Government and Politics</td>
<td>4.00</td>
<td>POLT 101</td>
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<td>Or</td>
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<td>POLT 101H</td>
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<td></td>
<td>Or</td>
<td></td>
<td>Or</td>
</tr>
<tr>
<td>SOC 1</td>
<td>Introduction to Sociology</td>
<td>4.00</td>
<td>SOC 100</td>
</tr>
<tr>
<td></td>
<td>Or</td>
<td></td>
<td>SOC 100H</td>
</tr>
<tr>
<td></td>
<td>Or</td>
<td></td>
<td>Or</td>
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</table>

**RECOMMENDED IF CONSIDERING GRADUATE OR PROFESSIONAL STUDIES**
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PSTAT 5A</td>
<td>Statistics</td>
<td>5.00</td>
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<tr>
<td>MATH 219</td>
<td>Statistics and Probability</td>
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<td>MATH 219H</td>
<td>Honors Statistics and Probability</td>
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<tr>
<td>PSTAT 109</td>
<td>Statistics for Economics</td>
<td>5.00</td>
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</table>

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No Course Articulated

END OF AGREEMENT
Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
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HYDROLOGIC SCIENCES AND POLICY, B.S.

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HYDROLOGIC SCIENCES AND POLICY, B.S.

Please visit the department's website to learn more about this major: www.es.ucsb.edu

Hydrologic Sciences and Policy students must select one of three emphases: Biology and Ecology Emphasis, Physical and Chemical Emphasis, or Policy Emphasis. The preparation for the major listed below is the same for each emphasis.

PREPARATION FOR THE MAJOR:

Economics 1 or 2 or 9

Mathematics 3A, 3B, 4A, 4B

Chemistry 1A-1AL-1B-1BL-1C-1CL

Physics 1-2-3-3L (recommended) or Physics 6A-6AL-6B-6BL-6C-6CL (acceptable but not recommended)
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 1</td>
<td>Principles of Economics-Micro</td>
<td>4.00</td>
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<tr>
<td>ECON 101</td>
<td>Principles/ Micro</td>
<td>3.00</td>
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<tr>
<td>Or</td>
<td>ECON 2</td>
<td>Principles of Economics-Macro</td>
</tr>
<tr>
<td>ECON 102</td>
<td>Principles/ Macro</td>
<td>3.00</td>
</tr>
<tr>
<td>Or</td>
<td>ECON 9</td>
<td>Introduction to Economics</td>
</tr>
<tr>
<td>No Course Articulated</td>
<td></td>
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</tr>
<tr>
<td>MATH 3A</td>
<td>Calculus with Applications, First Course</td>
<td>4.00</td>
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<tr>
<td>MATH 180</td>
<td>Single Variable Calculus I</td>
<td>4.00</td>
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<td>MATH 180H</td>
<td>Honors Single Variable Calculus I</td>
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<tr>
<td>MATH 3B</td>
<td>Calculus with Applications, Second Course</td>
<td>4.00</td>
</tr>
<tr>
<td>MATH 185</td>
<td>Single Variable Calculus II</td>
<td>4.00</td>
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<tr>
<td>MATH 4A</td>
<td>Linear Algebra with Applications</td>
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<tr>
<td>MATH 290</td>
<td>Linear Algebra</td>
<td>3.00</td>
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<td>Or</td>
<td>MATH 287</td>
<td>Introduction to Linear Algebra and Differential Equations</td>
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<td>MATH 4B</td>
<td>Differential Equations</td>
<td>4.00</td>
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<tr>
<td>MATH 295</td>
<td>Differential Equations</td>
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<tr>
<td>Or</td>
<td>MATH 287</td>
<td>Introduction to Linear Algebra and Differential Equations</td>
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<td>CHEM 200A</td>
<td>General Chemistry A</td>
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<td>And</td>
<td>CHEM 200B</td>
<td>General Chemistry B</td>
</tr>
<tr>
<td>Or</td>
<td>CHEM 200AH</td>
<td>Honors General Chemistry AH</td>
</tr>
<tr>
<td>And</td>
<td>CHEM 200B</td>
<td>General Chemistry B</td>
</tr>
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</table>
CHEM 1A - General Chemistry (3.00) 
And 
CHEM 1AL - General Chemistry Laboratory (2.00) 
And 
CHEM 1B - General Chemistry (3.00) 
And 
CHEM 1BL - General Chemistry Laboratory (2.00) 
And 
CHEM 1C - General Chemistry (3.00) 
And 
CHEM 1CL - General Chemistry Laboratory (2.00) 

PHYS 1 - Basic Physics (4.00) ← PHYS 250A - Physics for Scientists and Engineering I (5.00)

And 

PHYS 2 - Basic Physics (4.00) ← PHYS 250A - Physics for Scientists and Engineering I (5.00) 
And 
PHYS 250B - Physics for Scientists and Engineering II (5.00) 

And 

PHYS 3 - Basic Physics (3.00) ← PHYS 250B - Physics for Scientists and Engineering II (5.00) 
And 
PHYS 3L - Physics Laboratory (1.00) 
And 
PHYS 250C - Physics for Scientist and Engineering III (5.00) 

Or

Acceptable; Not recommended

PHYS 6A - Introductory Physics (3.00) ← PHYS 150A - Introductory Physics I (4.00) 
And 
PHYS 6AL - Introductory Experimental Physics (1.00) 
And 
PHYS 150AC - Introductory Physics I-Calculus (1.00) 
And 
PHYS 6B - Introductory Physics (3.00) 
And 
PHYS 150B - Introductory Physics II (4.00) 
And 
PHYS 6BL - Introductory Experimental Physics (1.00) 
And 
PHYS 150BC - Introductory Physics II-Calculus (1.00) 
And 
PHYS 6C - Introductory Physics (3.00) 
And 
PHYS 6CL - Introductory Experimental Physics (1.00)
GEOG 3B - Land, Water and Life (4.00)

PSTAT 5A - Statistics (5.00)

MATH 219 - Statistics and Probability (4.00)

Or

MATH 219H - Honors Statistics and Probability (4.00)

PSTAT 5LS - Statistics for Life Sciences (5.00)

No Course Articulated

EARTH 2 - Principles of Physical Geology (4.00)

ERTH 100 - Physical Geology (3.00)

And

ERTH 100L - Physical Geology Laboratory (1.00)

EEMB 2 - Introductory Biology II - Ecology and Evolution (3.00)

And

EEMB 2L - Introductory Biology Laboratory II (1.00)

Same-As: MCDB 1BL

And

EEMB 3 - Introductory Biology III (3.00)

And

EEMB 3L - Introductory Biology Laboratory III (1.00)

And

MCDB 1A - Introductory Biology I (4.00)

And

MCDB 1AL - Introductory Biology Laboratory I (1.00)

And

MCDB 1B - Introductory Biology II - Physiology (3.00)

- Articulates as a sequence only
- If the entire sequence is not completed prior to transfer, students must consult the department advisor prior to enrollment

BIOL 211 - Cellular and Molecular Biology (5.00)

And

BIOL 212 - Animal Diversity and Ecology (5.00)

And

BIOL 214 - Plant Diversity and Evolution (5.00)

ENV S 3 - Introduction to the Social and Cultural Environment (4.00)

No Course Articulated

Or

POL S 12 - American Government and Politics (4.00)

POLT 101 - Introduction to American Government (3.00)

Or

POLT 101H - Honors Introduction to American Government (3.00)
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Articulated</th>
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<tr>
<td>HIST 5</td>
<td>The History of the Present</td>
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<tr>
<td>Or</td>
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</tr>
<tr>
<td>HIST 7</td>
<td>Great Issues in the History of Public Policy</td>
<td>4.00</td>
<td>No</td>
</tr>
</tbody>
</table>

END OF AGREEMENT
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Please note that the course "equivalencies" do not necessarily apply to UCSB general education. For information concerning satisfaction of UCSB general education requirements, please refer to the General Education/Breadth articulation agreement.

Please visit the department's website to learn more about this major: www.frit.ucsb.edu

**PREPARATION FOR THE MAJOR:**

Italian 1, 2, 3, 4, 5, 6 (or equivalent)

Italian 20X

**NOTE FOR NATIVE SPEAKERS**

Students who were educated through grade 9 or above in a school where a language other than English was the primary language of instruction will not get transfer credit for lower-division college courses teaching that
language. Please contact the department about a language proficiency exam. **Performance on language proficiency exams may satisfy major requirements.**

### PREPARATION FOR THE MAJOR

| ITAL 1 - Elementary Italian (5.00) And | ITAL 101 - Elementary Italian I (5.00) And |
| ITAL 2 - Elementary Italian (5.00) And | ITAL 102 - Elementary Italian II (5.00) |
| ITAL 3 - Elementary Italian (5.00) And Or equivalent | |

| ITAL 4 - Intermediate Italian (5.00) And | ITAL 201 - Intermediate Italian I (5.00) And |
| ITAL 5 - Intermediate Italian (5.00) And | ITAL 202 - Intermediate Italian II (5.00) |
| ITAL 6 - Intermediate Italian (5.00) And Or equivalent | |

| ITAL 20X - Introduction to Italian Culture (4.00) | No Course Articulated |

### END OF AGREEMENT
Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

JAPANESE, B.A.

GENERAL INFORMATION FOR ALL MAJORS

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JAPANESE, B.A.

Please visit the department's website to learn more about this major: [www.eastasian.ucsb.edu](http://www.eastasian.ucsb.edu)

PREPARATION FOR THE MAJOR:

*Japanese 1, 2, 3, 4, 5, 6 (or equivalent)*

- **UCSB's Japanese language courses are not automatically articulated**, even if community college courses are listed in the course articulation area. **Students must verify their language proficiency with a placement exam**. If a student has taken college courses in Japanese, and their score on the placement exam requires them to take a UCSB course that is at the same level as the college course taken elsewhere, then only subject credit will be awarded for UCSB courses that duplicate the courses taken elsewhere.

*East Asian Cultural Studies 4A, 4B*

Note: Many upper-division Japanese courses require a C or higher in each of their prerequisite courses. See the General Catalog for details.
NOTE FOR NATIVE SPEAKERS

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HIGH PROFICIENCY TRACK

A High Proficiency Track is available for students who want to pursue the Japanese, B.A. and whose Japanese language proficiency is beyond the JAPAN 1-6 level. Please contact the department for more information.

PREPARATION FOR THE MAJOR

**REFER TO TOP OF AGREEMENT**
Articulation is subject to placement by proficiency exam

| JAPAN 1 - First-Year Japanese I (5.00) And JAPAN 2 - First-Year Japanese II (5.00) And JAPAN 3 - First-Year Japanese III (5.00) Or equivalent | No Course Articulated |

**REFER TO TOP OF AGREEMENT**
Articulation is subject to placement by proficiency exam

| JAPAN 4 - Second-Year Japanese I (5.00) And JAPAN 5 - Second-Year Japanese II (5.00) And JAPAN 6 - Second-Year Japanese III (5.00) Or equivalent | No Course Articulated |

| EACS 4A - East Asian Traditions: Pre-Modern (4.00) | This course is never articulated |

| EACS 4B - East Asian Traditions: Modern (4.00) | This course is never articulated |

END OF AGREEMENT
Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara General Catalog, Quarter

From: Santiago Canyon College General Catalog, Semester

LANGUAGE, CULTURE, AND SOCIETY, B.A.

GENERAL INFORMATION FOR ALL MAJORS

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LANGUAGE, CULTURE, AND SOCIETY, B.A.

Please visit the department's website to learn more about this major: www.linguistics.ucsb.edu

PREPARATION FOR THE MAJOR:

I. Linguistics 20

II. Two courses from the following: Anthropology 2; Communication 1; Linguistics 50, 70; Sociology 1

III. Completion of the third quarter or second semester (or equivalent) of a foreign language (Look up articulations for languages offered at your school. If the articulation is for UCSB's level 3 or higher, that may satisfy this requirement. Chinese and Japanese courses are not articulated at UCSB - a language proficiency exam is required.)

NOTE FOR NATIVE SPEAKERS
Students who were educated through grade 9 or above in a school where a language other than English was the primary language of instruction will not get transfer credit for lower-division college courses teaching that language. Please contact the department about a language proficiency exam. **Performance on language proficiency exams may satisfy major requirements.**

### AREA I

| LING 20 - Language and Linguistics (4.00) | ANTH 104 - Language and Culture (3.00) |

### AREA II

**Select 2 Course(s) from the following**

| ANTH 2 - Introductory Cultural Anthropology (4.00) | ANTH 100 - Introduction to Cultural Anthropology (3.00) |
| COMM 1 - Introduction to Communication (5.00) | No Course Articulated |
| LING 50 - Language and Power (4.00) | No Course Articulated |
| LING 70 - Language in Society (4.00) | No Course Articulated |
| SOC 1 - Introduction to Sociology (4.00) | SOC 100 - Introduction to Sociology (3.00) |
| | Or SOC 100H - Honors Introduction to Sociology (3.00) |

### AREA III

****REFER TO TOP OF AGREEMENT****

Completion of the third quarter or second semester (or equivalent) of a foreign language

- ****REFER TO TOP OF AGREEMENT****

### END OF AGREEMENT
Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
   General Catalog, Quarter

From: Santiago Canyon College
   General Catalog, Semester

LATIN AMERICAN & IBERIAN STUDIES, B.A.

GENERAL INFORMATION FOR ALL MAJORS

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LATIN AMERICAN AND IBERIAN STUDIES, B.A.

Please visit the department's website to learn more about this major: www.lais.ucsb.edu

PREPARATION FOR THE MAJOR:

Spanish 6 or Portuguese 6 (or a written translation test from Spanish or Portuguese into English) - Equivalents are defined as native-speaking knowledge of one of these languages or credit in courses demanding a comparable level of proficiency, such as a grade of "C" or higher in Spanish 25.

History 8 or LAIS 10

NOTE FOR NATIVE SPEAKERS

To: University of California, Santa Barbara
   General Catalog, Quarter

From: Santiago Canyon College
   General Catalog, Semester
Students who were educated through grade 9 or above in a school where a language other than English was the primary language of instruction will not get transfer credit for lower-division college courses teaching that language. Please contact the department about a language proficiency exam. **Performance on language proficiency exams may satisfy major requirements.**

## PREPARATION FOR THE MAJOR

<table>
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<tr>
<th>Course Code</th>
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<td>SPAN 6</td>
<td>Intermediate Spanish III (4.00)</td>
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<tr>
<td></td>
<td>Or equivalent</td>
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<td>Intermediate Spanish II (5.00)</td>
</tr>
<tr>
<td>PORT 6</td>
<td>Intermediate Portuguese (4.00)</td>
<td>4.00</td>
<td>No Course Articulated</td>
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<tr>
<td></td>
<td>Or equivalent</td>
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<td></td>
</tr>
<tr>
<td>HIST 8</td>
<td>Introduction to History of Latin America (4.00)</td>
<td>4.00</td>
<td>HIST 152</td>
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<td></td>
<td>Or equivalent</td>
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<td>Latin American History (3.00)</td>
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<tr>
<td>LAIS 10</td>
<td>Introduction to the Latin American and Iberian World (4.00)</td>
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<td>No Course Articulated</td>
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## END OF AGREEMENT
Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

LINGUISTICS, B.A.

GENERAL INFORMATION FOR ALL MAJORS

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LINGUISTICS, B.A.

Please visit the department's website to learn more about this major: www.linguistics.ucsb.edu

Optional emphases: Students pursuing a Bachelor of Arts in Linguistics may choose one of the following emphases - Chinese, English, French, German, Japanese, Slavic, Spanish, Language and Speech Technologies, or Speech-Language Sciences and Disorders.

PREPARATION FOR THE MAJOR:

Linguistics 20

Completion of the sixth quarter or fourth semester (or equivalent) in one foreign language* plus the completion of the third quarter or second semester (or equivalent) in another foreign language. Students are encouraged to take at least one language outside the Indo-European family; however, the study of two Indo-European languages will satisfy this requirement provided both are not members of either the Germanic, Slavic, or Romance families. Native speakers of languages other than English may petition to count either English or their native language as fulfilling
one of the language requirements. (Look up articulations for languages offered at your school. If the articulation is for UCSB's level 6, that may satisfy the first requirement. If the articulation is for UCSB's level 3 or higher, that may satisfy the second requirement. Chinese and Japanese courses are not articulated at UCSB - a language proficiency exam is required.)

* To pursue an emphasis in Chinese, French, German, Japanese, Slavic, or Spanish, the two years of foreign language must be in the corresponding language. Some language emphases require additional advanced work in the language.

**NOTE FOR NATIVE SPEAKERS**

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**PREPARATION FOR THE MAJOR**

LING 20 - Language and Linguistics (4.00) ← ANTH 104 - Language and Culture (3.00)

**REFER TO TOP OF AGREEMENT**

- Completion of the sixth quarter or fourth semester (or equivalent) of a foreign language ← No Course Articulated
  **REFER TO TOP OF AGREEMENT**

**REFER TO TOP OF AGREEMENT**

- Completion of the third quarter or second semester (or equivalent) of a foreign language ← No Course Articulated
  **REFER TO TOP OF AGREEMENT**

**END OF AGREEMENT**
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

MATHEMATICAL SCIENCES, B.S.

GENERAL INFORMATION FOR ALL MAJORS

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MATHEMATICAL SCIENCES, B.S.

Please visit the department's website to learn more about this major: www.math.ucsb.edu

PRE-MAJOR INFORMATION

Students are admitted initially to Pre-Mathematical Sciences, not directly to the major. Admission to the full major is contingent upon completion of pre-major mathematics courses with a grade point average of 2.50 or higher in courses completed at the University of California and with no grade lower than "C". (Only UC grades go into the pre-major GPA. Transfer courses taken outside of UC may satisfy pre-major requirements, but they are not part of the pre-major GPA.) Computer Science 8 or 16 or Engineering 3 must also be completed with a grade of "C" or better. Preparation courses are excluded from the pre-major GPA, but will apply to the overall major GPA. Because the criteria are subject to annual review and revision, transfer students should consult the department directly to obtain current information regarding additional, specific criteria for admission to the full major.

Admission to the pre-major does not guarantee admission to full major status.

PRE-MAJOR REQUIREMENTS:
Mathematics 3A, 3B, 4A, 4B, 6A, 6B, 8* (these courses must be completed with grades of "C" or better)

* Note: Either Math 4A, 4B, 6A, or 6B must be completed with a grade of "B" or better in order to take MATH 8 at UCSB

**PREPARATION FOR THE MAJOR:**

One course from Computer Science 8, 16, or Engineering 3 (must be completed with a grade of "C" or better)

Physics 1 or 6A or 21

**ADVISORY NOTE FOR FALL 2019 APPLICANTS**

Advisory note for fall 2019 applicants to Mathematical Sciences, B.S.; Mathematics, B.A.; and Mathematics, B.S. (November 2018 application filing period)

NEW ADMISSION SELECTION CRITERIA FOR FALL 2019:

To be admitted to the Pre-Mathematical Sciences major or Pre-Mathematics major for fall 2019, all transfer applicants must complete the following (in addition to general admission requirements):

1. Calculus course articulating with UCSB's MATH 3A
2. Calculus course articulating with UCSB's MATH 3B
3. A cumulative GPA of 2.75 or better in the required courses listed above with no individual grade lower than "C"

This is a minimum requirement - students are advised to take as many pre-major and major preparation courses as possible prior to transfer to ensure timely progress to graduation.

**PRE-MAJOR REQUIREMENTS**

**REFER TO TOP OF AGREEMENT**

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<th>MATH 3A - Calculus with Applications, First Course (4.00)</th>
<th>MATH 180 - Single Variable Calculus I (4.00)</th>
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</thead>
<tbody>
<tr>
<td>MATH 3B - Calculus with Applications, Second Course (4.00)</td>
<td>MATH 185 - Single Variable Calculus II (4.00)</td>
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<td>MATH 4A - Linear Algebra with Applications (4.00)</td>
<td>MATH 290 - Linear Algebra (3.00)</td>
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<td>MATH 297 - Introduction to Linear Algebra and Differential Equations (5.00)</td>
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<td>MATH 4B - Differential Equations (4.00)</td>
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<td>Course Code</td>
<td>Course Title</td>
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<tr>
<td>MATH 287</td>
<td>Introduction to Linear Algebra and Differential</td>
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<td>Equations (5.00)</td>
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<tr>
<td>MATH 6A</td>
<td>Vector Calculus with Applications, First Course</td>
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<td>MATH 6B</td>
<td>Vector Calculus with Applications, Second Course</td>
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<td>Transition to Higher Mathematics (5.00)</td>
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<td>Introductory Physics (3.00)</td>
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<td>PHYS 250A</td>
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<td>Introductory Physics I (4.00)</td>
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<td>PHYS 150AC</td>
<td>Introductory Physics I-Calculus (1.00)</td>
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**PREPARATION FOR THE MAJOR**

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<td>CMPR 121</td>
<td>Programming Concepts (3.00)</td>
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<td>CMPR 122</td>
<td>Programming Concepts and Methodology I (3.00)</td>
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<td>CMPR 132</td>
<td>Programming Concepts and Methodology II (3.00)</td>
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<td>ENGR 3</td>
<td>Introduction to Programming (3.00)</td>
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<tr>
<td>PHYS 250A</td>
<td>Physics for Scientists and Engineering I (5.00)</td>
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</tr>
<tr>
<td>PHYS 150A</td>
<td>Introductory Physics I (4.00)</td>
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<tr>
<td>PHYS 150AC</td>
<td>Introductory Physics I-Calculus (1.00)</td>
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</tr>
</tbody>
</table>

**REFER TO TOP OF AGREEMENT**

END OF AGREEMENT
Articulation Agreement
by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

MATHEMATICS, B.A.

GENERAL INFORMATION FOR ALL MAJORS

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Please note that the course "equivalencies" do not necessarily apply to UCSB general education. For information concerning satisfaction of UCSB general education requirements, please refer to the General Education/Breadth articulation agreement.

MATHEMATICS, B.A.

Please visit the department's website to learn more about this major: www.math.ucsb.edu

PRE-MAJOR INFORMATION

Students are admitted initially to Pre-Mathematics, not directly to the major. Admission to the full major is contingent upon completion of pre-major mathematics courses with a grade point average of 2.50 or higher in courses completed at the University of California and with no grade lower than "C". (Only UC grades go into the pre-major GPA. Transfer courses taken outside of UC may satisfy pre-major requirements, but they are not part of the pre-major GPA.) Preparation courses are excluded from the pre-major GPA, but will apply to the overall major GPA. Because the criteria are subject to annual review and revision, transfer students should consult the department directly to obtain current information regarding additional, specific criteria for admission to the full major. Admission to the pre-major does not guarantee admission to full major status.

PRE-MAJOR REQUIREMENTS:
Mathematics 3A, 3B, 4A, 4B, 8* (these courses must be completed with grades of "C" or better)

* Note: Either Math 4A, 4B, 6A, or 6B must be completed with a grade of "B" or better in order to take MATH 8 at UCSB.

Note: Math 6A is a prerequisite for several upper-division mathematics courses. See the General Catalog.

PREPARATION FOR THE MAJOR:

One course from Computer Science 8, 16, or Engineering 3

Physics 1 or 6A or 21

---

Advisory note for fall 2019 applicants to Mathematical Sciences, B.S.; Mathematics, B.A.; and Mathematics, B.S. (November 2018 application filing period)

NEW ADMISSION SELECTION CRITERIA FOR FALL 2019:

To be admitted to the Pre-Mathematical Sciences major or Pre-Mathematics major for fall 2019, all transfer applicants must complete the following (in addition to general admission requirements):

1. Calculus course articulating with UCSB’s MATH 3A
2. Calculus course articulating with UCSB’s MATH 3B
3. A cumulative GPA of 2.75 or better in the required courses listed above with no individual grade lower than "C"

This is a minimum requirement - students are advised to take as many pre-major and major preparation courses as possible prior to transfer to ensure timely progress to graduation.

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PRE-MAJOR REQUIREMENTS

**REFER TO TOP OF AGREEMENT**

<table>
<thead>
<tr>
<th>MATH 3A - Calculus with Applications, First Course (4.00)</th>
<th>MATH 180 - Single Variable Calculus I (4.00)</th>
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<tr>
<td></td>
<td>Or</td>
</tr>
<tr>
<td></td>
<td>MATH 180H - Honors Single Variable Calculus I (4.00)</td>
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**REFER TO TOP OF AGREEMENT**

<table>
<thead>
<tr>
<th>MATH 3B - Calculus with Applications, Second Course (4.00)</th>
<th>MATH 185 - Single Variable Calculus II (4.00)</th>
</tr>
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</table>

**REFER TO TOP OF AGREEMENT**

<p>| MATH 4A - Linear Algebra with Applications (4.00) | MATH 290 - Linear Algebra (3.00) |
| Or |
| MATH 287 - Introduction to Linear Algebra and Differential Equations (5.00) |</p>
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Options/Notes</th>
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<tbody>
<tr>
<td>MATH 4B</td>
<td>Differential Equations</td>
<td>4.00</td>
<td>MATH 295 or MATH 287</td>
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<tr>
<td>MATH 295</td>
<td>Differential Equations</td>
<td>3.00</td>
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</tr>
<tr>
<td>MATH 287</td>
<td>Introduction to Linear Algebra and Differential Equations</td>
<td>5.00</td>
<td></td>
</tr>
<tr>
<td>MATH 8</td>
<td>Transition to Higher Mathematics</td>
<td>5.00</td>
<td></td>
</tr>
<tr>
<td>CMPSC 8</td>
<td>Introduction to Computer Science</td>
<td>4.00</td>
<td>CMPR 120 or CMPR 122</td>
</tr>
<tr>
<td>CMPR 120</td>
<td>Introduction to Programming</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>CMPR 122</td>
<td>Programming Concepts and Methodology I</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>CMPSC 16</td>
<td>Problem Solving with Computers</td>
<td>4.00</td>
<td>CMPR 121 or CMPR 132</td>
</tr>
<tr>
<td>CMPR 121</td>
<td>Programming Concepts (3.00)</td>
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</tr>
<tr>
<td>CMPR 132</td>
<td>Programming Concepts and Methodology II</td>
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</tr>
<tr>
<td>ENGR 3</td>
<td>Introduction to Programming</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>PHYS 1</td>
<td>Basic Physics</td>
<td>4.00</td>
<td>PHYS 250A or PHYS 150A</td>
</tr>
<tr>
<td>PHYS 250A</td>
<td>Physics for Scientists and Engineering I</td>
<td>5.00</td>
<td></td>
</tr>
<tr>
<td>PHYS 6A</td>
<td>Introductory Physics</td>
<td>3.00</td>
<td>PHYS 150A or PHYS 150AC</td>
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<tr>
<td>PHYS 150A</td>
<td>Introductory Physics I</td>
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<td></td>
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<tr>
<td>PHYS 150AC</td>
<td>Introductory Physics I- Calculus</td>
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**RECOMMENDED**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MATH 6A</td>
<td>Vector Calculus with Applications, First Course</td>
<td>4.00</td>
</tr>
<tr>
<td>MATH 280</td>
<td>Intermediate Calculus</td>
<td>4.00</td>
</tr>
</tbody>
</table>

**END OF AGREEMENT**
Articulation Agreement by Major

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General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

MATHEMATICS, B.S.

GENERAL INFORMATION FOR ALL MAJORS

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Please visit the department's website to learn more about this major: www.math.ucsb.edu

PRE-MAJOR INFORMATION

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* Note: Either Math 4A, 4B, 6A, or 6B must be completed with a grade of "B" or better in order to take MATH 8 at UCSB.

**PREPARATION FOR THE MAJOR:**

One course from Computer Science 8, 16, or Engineering 3

Physics 1 or 6A or 21

---

### ADVISORY NOTE FOR FALL 2019 APPLICANTS

Advisory note for fall 2019 applicants to Mathematical Sciences, B.S.; Mathematics, B.A.; and Mathematics, B.S. (November 2018 application filing period)

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<tr>
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<tr>
<td><strong>MATH 3A</strong> - Calculus with Applications, First Course (4.00)</td>
<td><strong>MATH 180</strong> - Single Variable Calculus I (4.00)</td>
</tr>
<tr>
<td><strong>MATH 3B</strong> - Calculus with Applications, Second Course (4.00)</td>
<td><strong>MATH 185</strong> - Single Variable Calculus II (4.00)</td>
</tr>
<tr>
<td><strong>MATH 4A</strong> - Linear Algebra with Applications (4.00)</td>
<td><strong>MATH 290</strong> - Linear Algebra (3.00)</td>
</tr>
<tr>
<td><strong>MATH 4B</strong> - Differential Equations (4.00)</td>
<td><strong>MATH 295</strong> - Differential Equations (3.00)</td>
</tr>
<tr>
<td><strong>MATH 290H</strong> - Honors Single Variable Calculus I (4.00)</td>
<td><strong>MATH 287</strong> - Introduction to Linear Algebra and Differential Equations (5.00)</td>
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<tr>
<td><strong>MATH 295</strong> - Differential Equations (3.00)</td>
<td><strong>MATH 295</strong> - Differential Equations (3.00)</td>
</tr>
</tbody>
</table>

*Note: Either Math 4A, 4B, 6A, or 6B must be completed with a grade of "B" or better in order to take MATH 8 at UCSB.*
<table>
<thead>
<tr>
<th>Course Code</th>
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<tr>
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<tr>
<td>CMPR 121</td>
<td>Programming Concepts (3.00)</td>
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<tr>
<td>CMPR 132</td>
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<td>PHYS 1</td>
<td>Basic Physics (4.00)</td>
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<tr>
<td>PHYS 250A</td>
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<tr>
<td>PHYS 6A</td>
<td>Introductory Physics (3.00)</td>
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<td>Introductory Physics I (4.00)</td>
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<tr>
<td>PHYS 150AC</td>
<td>Introductory Physics I-Calculus (1.00)</td>
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**PREPARATION FOR THE MAJOR**

Or

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Articulation Agreement by Major
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To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

MECHANICAL ENGINEERING, B.S.

GENERAL INFORMATION FOR ALL MAJORS

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GENERAL EDUCATION FOR THE COLLEGE OF ENGINEERING

**General Education Information:** Students should focus on completing major preparation requirements. If time permits, students may also take courses to fulfill either UCSB General Education requirements or IGETC (Intersegmental General Education Transfer Curriculum). Students who will not complete IGETC prior to transfer should refer to the College of Engineering General Education articulation agreement. UCSB's General Education requirements do not need to be completed prior to transfer, but students who choose to follow College of Engineering General Education should complete two to three General Education courses prior to transfer. For more information concerning satisfaction of UCSB General Education requirements, student may also refer to the General Engineering Academic Requirements (GEAR) publication at https://engineering.ucsb.edu/undergraduate/academic-advising/gear-publications

MECHANICAL ENGINEERING, B.S.
Please visit the department's website to learn more about this major: [www.me.ucsb.edu](http://www.me.ucsb.edu)

**ADMISSION SELECTION CRITERIA:** Applicants to the Mechanical Engineering major who complete the equivalent of all the **REQUIRED** UCSB major preparation courses and as many of the **STRONGLY RECOMMENDED** courses as possible with a major GPA of 3.6 or higher are the most competitive for admission.

Applicants without all of the **REQUIRED** courses will be reviewed for admission, but will have less competitive applications.

Courses for the major taken prior to admission must be completed with no grades lower than "C".

**REQUIRED** base preparation courses:

- Math 3A, 3B, 4A, 4B
- Physics 1, 2, 3, 3L
- Chemistry 1A, 1AL
- Engineering 3*
- Mechanical Engineering 14

*For students who are unable to complete a course articulating with Engineering 3, we will accept a course articulating with Computer Science 16 instead of Engineering 3, for admission purposes only. Computer Science 16 does not satisfy a major requirement and the student would still need to take Engineering 3 at UCSB if admitted.

**STRONGLY RECOMMENDED** advanced preparation courses:

- Chemistry 1B, 1BL
- Math 6A, 6B
- Mechanical Engineering 6, 10, 15, 16*

*Admitted applicants who have also completed the equivalent to ME 16 "Dynamics" can complete their degree in 2 years rather than 3.

Additional major preparation courses:

- Mechanical Engineering 12S, 17
- Physics 4, 4L

You may attend more than one California community college to earn credit for the required major preparation courses if the courses are not offered or if your schedule constrains you from completing them at your own campus. However, it is better to complete a series (such as general chemistry or physics) at a single school.

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### REQUIRED BASE PREPARATION COURSES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Unit(s)</th>
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<tbody>
<tr>
<td>MATH 3A</td>
<td>Calculus with Applications, First Course (4.00)</td>
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<tr>
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<td>Calculus with Applications, Second Course (4.00)</td>
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<tr>
<td>MATH 180</td>
<td>Single Variable Calculus I (4.00)</td>
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</tr>
<tr>
<td>MATH 180H</td>
<td>Honors Single Variable Calculus I (4.00)</td>
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</tr>
<tr>
<td>MATH 185</td>
<td>Single Variable Calculus II (4.00)</td>
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</tbody>
</table>
MATH 4A - Linear Algebra with Applications
(4.00)

MATH 4B - Differential Equations (4.00)

PHYS 1 - Basic Physics (4.00)

PHYS 2 - Basic Physics (4.00)

PHYS 3 - Basic Physics (3.00)

PHYS 3L - Physics Laboratory (1.00)

PHYS 3 - Basic Physics (3.00)

PHYS 3L - Physics Laboratory (1.00)

**REFER TO TOP OF AGREEMENT**

ENGR 3 - Introduction to Programming (3.00)

ME 14 - Statics (4.00)

CHEM 1A - General Chemistry (3.00)

CHEM 1AL - General Chemistry Laboratory (2.00)
  - An AP exam cannot be used to satisfy this course requirement
  - An IB exam cannot be used to satisfy this course requirement

CHEM 200A - General Chemistry A (5.00)

CHEM 200AH - Honors General Chemistry AH (5.00)

**STRONGLY RECOMMENDED ADVANCED PREPARATION COURSES**

MATH 6A - Vector Calculus with Applications,
First Course (4.00)

MATH 6B - Vector Calculus with Applications,
Second Course (4.00)

ME 6 - Basic Electrical and Electronic Circuits
(4.00)

MATH 280 - Intermediate Calculus (4.00)

MATH 280 - Intermediate Calculus (4.00)

ENGR 230 - Network Analysis (5.00)
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<tbody>
<tr>
<td>ME 10</td>
<td>Engineering Graphics: Sketching, CAD, and Conceptual Design</td>
<td>4.00</td>
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<td>ME 15</td>
<td>Strength of Materials</td>
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<tr>
<td>ME 16</td>
<td>Engineering Mechanics: Dynamics</td>
<td>4.00</td>
<td>ENGR 225 - Dynamics (3.00)</td>
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<tr>
<td>CHEM 1B</td>
<td>General Chemistry</td>
<td>3.00</td>
<td>CHEM 200A - General Chemistry A (5.00)</td>
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<tr>
<td>CHEM 1BL</td>
<td>General Chemistry Laboratory</td>
<td>2.00</td>
<td>CHEM 200B - General Chemistry B (5.00)</td>
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<td>Or</td>
</tr>
<tr>
<td>CHEM 1B</td>
<td>General Chemistry</td>
<td>3.00</td>
<td>CHEM 200AH - Honors General Chemistry AH (5.00)</td>
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<td>CHEM 1BL</td>
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<td>An AP exam cannot be used to satisfy this course requirement</td>
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<td>Basic Physics</td>
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<td>PHYS 4L</td>
<td>Physics Laboratory</td>
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<td>And</td>
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<tr>
<td></td>
<td>An IB exam cannot be used to satisfy this course requirement</td>
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**ADDITIONAL MAJOR PREPARATION COURSES**

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<tbody>
<tr>
<td>ME 12S</td>
<td>Introduction to Machine Shop</td>
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</tr>
<tr>
<td>ME 17</td>
<td>Mathematics of Engineering</td>
<td>3.00</td>
<td>No Course Articulated</td>
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<td>PHYS 4</td>
<td>Basic Physics</td>
<td>3.00</td>
<td>PHYS 250B - Physics for Scientists and Engineering II (5.00)</td>
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<tr>
<td>PHYS 4L</td>
<td>Physics Laboratory</td>
<td>1.00</td>
<td>And</td>
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<tr>
<td></td>
<td>Physic for Scientist and Engineering III (5.00)</td>
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MEDIEVAL STUDIES, B.A.

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MEDIEVAL STUDIES, B.A.

Please visit the department's website to learn more about this major: www.medievalstudies.ucsb.edu

PREPARATION FOR THE MAJOR:

History 4A and 4B or History 2A and 4B

A reading knowledge of Latin and a modern European language will be necessary for those who plan to continue their studies on the graduate level. However, it is not required for the major.

PREPARATION FOR THE MAJOR

<p>| HIST 2A - World History (4.00) | HIST 101 - World Civilizations to the 16th Century (3.00) |</p>
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
<th>Articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 101H</td>
<td>Honors World Civilizations to the 16th Century</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>HIST 4A</td>
<td>Western Civilization</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>HIST 4B</td>
<td>Western Civilization</td>
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Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

MICROBIOLOGY, B.S.

GENERAL INFORMATION FOR ALL MAJORS

All transfer applicants must satisfy University of California admissions eligibility requirements as well as meeting campus admission selection criteria. Completing the UC transfer admission requirements in English and mathematics by the end of the fall term prior to the fall application quarter makes an applicant more competitive for admission to UCSB. All admission requirements must be completed by the end of spring prior to transfer. For more information on UC admissions eligibility requirements and admission to UCSB, please visit the Admissions website: www.admissions.ucsb.edu

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Please note that the course "equivalencies" do not necessarily apply to UCSB general education. For information concerning satisfaction of UCSB general education requirements, please refer to the General Education/Breadth articulation agreement.

MAJORS IN THE BIOLOGICAL SCIENCES

Department of Ecology, Evolution, and Marine Biology (EEMB) majors: **Aquatic Biology, B.S.; Biological Sciences, B.A. & B.S.; Ecology and Evolution, B.S.; Physiology, B.S.; Zoology, B.S.**

Department of Molecular, Cellular, and Developmental Biology (MCDB) majors: **Biochemistry-Molecular Biology, B.S.; Biological Sciences, B.A. & B.S.; Cell and Developmental Biology, B.S.; Microbiology, B.S.; Pharmacology, B.S.**

**PRE-MAJOR INFORMATION** - Students are admitted initially to Pre-Biological Sciences, not directly to the major. Admission to the full major is contingent upon achievement of a grade point average of 2.0 or better in pertinent courses completed at the University of California. Because the criteria are subject to annual review and revision, interested students should consult the department directly to obtain current information regarding specific additional criteria for admission to the full major. **Admission to the pre-major does not guarantee admission to full major status.**

**ADMISSION SELECTION CRITERIA** - To be admitted to the Pre-Biological Sciences major, all transfer students must complete the following:
1. One year sequence of General Chemistry with laboratory, with no individual grade lower than "C"
2. Complete sequence of major-applicable General Biology with laboratory, with no individual grade lower than "C"
3. A cumulative GPA of 2.7 or better in the required courses listed above

For students to graduate within two years of transferring, we strongly recommend the completion of one year of organic chemistry with laboratory, one year of general physics with laboratory, and one year of calculus (or one semester each of calculus and statistics). Any of these courses completed with a grade lower than "C" might not satisfy course prerequisites at UCSB.

MICROBIOLOGY, B.S.

Please visit the department's website to learn more about this major: www.lifesci.ucsb.edu

PREPARATION FOR THE MAJOR:
Chemistry 1A-1AL-1B-1BL-1C-1CL (required prior to transfer, see Admission Selection Criteria above)
MCDB 1A-1AL-1B and EEMB 2-2L-3-3L (required prior to transfer, see Admission Selection Criteria above)
Chemistry 6AL-6BL and 109A-109B-109C
Mathematics 3A-3B or 34A-34B
One of the following: PSTAT 5LS or PSTAT 5A or Mathematics 4A
Physics 6A-6AL-6B-6BL-6C-6CL

PREPARATION FOR THE MAJOR

**REFER TO TOP OF AGREEMENT**
Complete entire sequence prior to transfer
Required for admission

Chemistry 1A - General Chemistry (3.00)
    And
Chemistry 1AL - General Chemistry Laboratory (2.00)
    And
Chemistry 1B - General Chemistry (3.00)
    And
Chemistry 1BL - General Chemistry Laboratory (2.00)
    And
Chemistry 1C - General Chemistry (3.00)
    And
Chemistry 1CL - General Chemistry Laboratory (2.00)

Chemistry 200A - General Chemistry A (5.00)
    And
Chemistry 200B - General Chemistry B (5.00)
    Or
Chemistry 200AH - Honors General Chemistry AH (5.00)
    And
Chemistry 200B - General Chemistry B (5.00)
**REFER TO TOP OF AGREEMENT**

Complete entire sequence prior to transfer

Required for admission

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<tr>
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<tr>
<td>EEMB 2</td>
<td>Introductory Biology II - Ecology and Evolution</td>
<td>3.00</td>
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<tr>
<td>EEMB 2L</td>
<td>Introductory Biology Laboratory II</td>
<td>1.00</td>
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<tr>
<td>Same-As: MCDB 1BL</td>
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<td>Introductory Biology III</td>
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<td>EEMB 3L</td>
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<tr>
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<td>MCDB 1AL</td>
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<tr>
<td>MCDB 1B</td>
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<td>BIOL 211</td>
<td>Cellular and Molecular Biology</td>
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<td>BIOL 212</td>
<td>Animal Diversity and Ecology</td>
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<td>And</td>
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<tr>
<td>BIOL 214</td>
<td>Plant Diversity and Evolution</td>
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<td>CHEM 6BL</td>
<td>Laboratory Methods of Organic Chemistry</td>
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<td>CHEM 109A</td>
<td>Organic Chemistry</td>
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<td>CHEM 109B</td>
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<tr>
<td>CHEM 109C</td>
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<tr>
<td>MATH 3B</td>
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<tr>
<td>MATH 185</td>
<td>Single Variable Calculus II</td>
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<tr>
<td>MATH 180H</td>
<td>Honors Single Variable Calculus I</td>
<td>4.00</td>
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<tr>
<td>MATH 185</td>
<td>Single Variable Calculus II</td>
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</table>
MATH 34A - Calculus for Social and Life Sciences (4.00)
And
MATH 34B - Calculus for Social and Life Sciences (4.00)

MATH 150 - Calculus for the Biological, Management and Social Sciences (5.00)

PSTAT 5LS - Statistics for Life Sciences (5.00)
No Course Articulated

Or
PSTAT 5A - Statistics (5.00)

Or
MATH 219 - Statistics and Probability (4.00)
Or
MATH 219H - Honors Statistics and Probability (4.00)

Or
MATH 4A - Linear Algebra with Applications (4.00)

Or
MATH 290 - Linear Algebra (3.00)
Or
MATH 287 - Introduction to Linear Algebra and Differential Equations (5.00)

PHYS 6A - Introductory Physics (3.00)
And
PHYS 6AL - Introductory Experimental Physics (1.00)
And
PHYS 6B - Introductory Physics (3.00)
And
PHYS 6BL - Introductory Experimental Physics (1.00)
And
PHYS 6C - Introductory Physics (3.00)
And
PHYS 6CL - Introductory Experimental Physics (1.00)

PHYS 150A - Introductory Physics I (4.00)
And
PHYS 150AC - Introductory Physics I-Calculus (1.00)
And
PHYS 150B - Introductory Physics II (4.00)
And
PHYS 150BC - Introductory Physics II-Calculus (1.00)

END OF AGREEMENT
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
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From: Santiago Canyon College
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MIDDLE EAST STUDIES, B.A.

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MIDDLE EAST STUDIES, B.A.

Please visit the department's website to learn more about this major: www.religion.ucsb.edu

PREPARATION FOR THE MAJOR:

Middle East Studies 45

One course from the following: History 46; Religious Studies 2, 8; Art History 6K; Comparative Literature 32

One of the following language sequences:

- Arabic (Religious Studies 10A-F)
- Modern Hebrew (Hebrew 1-6)
- Persian (Religious Studies 57A-F)
- Turkish (Religious Studies 65A-F)
- Biblical Hebrew and Modern Hebrew (Religious Studies 17A-C plus Hebrew 1-3)
NOTE FOR NATIVE SPEAKERS

Students who were educated through grade 9 or above in a school where a language other than English was the primary language of instruction will not get transfer credit for lower-division college courses teaching that language. Please contact the department about a language proficiency exam. Performance on language proficiency exams may satisfy major requirements.

PREPARATION FOR THE MAJOR

**LANGUAGE REQUIREMENT**

**REFER TO TOP OF AGREEMENT**

And

**Select 1 Course(s) from the following**

- MES 45 - Introduction to Middle East Studies (4.00) ← No Course Articulated
- HIST 46 - Survey of Middle Eastern History (4.00) ← No Course Articulated
- RG ST 2 - Islam and the West from 700-1850 (4.00) ← No Course Articulated
- RG ST 8 - Islam, Gender, and Modernity (4.00) ← No Course Articulated
- ARTHI 6K - Survey: Islamic Art and Architecture (4.00) ← No Course Articulated
- C LIT 32 - Major Works of Middle Eastern Literatures (4.00) ← No Course Articulated

And

- RG ST 10A - Elementary Arabic I (5.00) ← No Course Articulated
- RG ST 10B - Elementary Arabic II (5.00)
- RG ST 10C - Elementary Arabic III (5.00)
- RG ST 10D - Intermediate Arabic IV (5.00)
- RG ST 10E - Intermediate Arabic V (5.00)
- RG ST 10F - Intermediate Arabic VI (5.00) ← No Course Articulated
HEB 1 - Elementary Hebrew (4.00)
HEB 2 - Elementary Hebrew (4.00)
HEB 3 - Elementary Hebrew (4.00)

And

No Course Articulated

HEB 4 - Intermediate Modern Hebrew (4.00)
HEB 5 - Intermediate Modern Hebrew (4.00)
HEB 6 - Intermediate Modern Hebrew (4.00)

And

No Course Articulated

RG ST 57A - Persian I (5.00)
RG ST 57B - Elementary Persian II (5.00)
RG ST 57C - Elementary Persian III (5.00)

And

No Course Articulated

RG ST 57D - Intermediate Persian IV (5.00)
RG ST 57E - Intermediate Persian V (5.00)
RG ST 57F - Intermediate Persian VI (5.00)

And

No Course Articulated

RG ST 65A - Introduction to the Turkish Language I (4.00)
RG ST 65B - Introduction to the Turkish Language II (4.00)
RG ST 65C - Introduction to the Turkish Language III (4.00)

And

No Course Articulated

**REFER TO TOP OF AGREEMENT**
RG ST 65D - Intermediate Turkish Language IV (4.00)
And
RG ST 65E - Intermediate Turkish Language V (4.00)
And
RG ST 65F - Intermediate Turkish Language VI (4.00)

Or

**REFER TO TOP OF AGREEMENT**

RG ST 17A - Introduction to Biblical Hebrew I (4.00)
And
RG ST 17B - Introduction to Biblical Hebrew II (4.00)
And
RG ST 17C - Introduction to Biblical Hebrew III (4.00)

And

HEB 1 - Elementary Hebrew (4.00)
And
HEB 2 - Elementary Hebrew (4.00)
And
HEB 3 - Elementary Hebrew (4.00)

END OF AGREEMENT
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MUSIC, B.M.

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BACHELOR OF MUSIC PROGRAM

The Department of Music offers two undergraduate degrees: the Bachelor of Arts in Music Studies (B.A.) and the Bachelor of Music (B.M.), which is a professional degree in performance. **The Bachelor of Music degree is open by audition to highly-qualified performance applicants only.**

All incoming Music, B.M. majors must take a placement test in written theory skills, aural skills, and a placement audition in class piano. In addition, students must audition for admission to performance classes. All Music, B.M. students are required to register for the Music 3 series (Music 3A-B-C) and encouraged to enroll in French, German, or Italian courses. Students studying orchestral instruments must enroll in orchestra or another appropriate large ensemble (such as wind ensemble).

Performance ensembles are available for all qualified students (including non-majors) pending audition. Ensembles include Wind Ensemble, Chamber Music, several ethnomusicology ensembles, as well as Choirs, Chamber Orchestra, Opera and Piano Ensembles.

For further information about UCSB's Music major, please contact:
EMPHASES

The Bachelor of Music degree is awarded in the following emphases: Bassoon, Cello, Clarinet, Composition, Double Bass, Flute, French Horn, Oboe, Percussion, Piano, Trombone, Trumpet, Tuba, Viola, Violin, Voice (Audition required)

All emphases include the major preparation listed below. A year of French, German or Italian is recommended for most emphases and required for some. Additional requirements vary by emphasis. Please contact the department for more information.

MUSIC, B.M.

Please visit the department’s website to learn more about this major: www.music.ucsb.edu

PREPARATION FOR THE MAJOR:

Music 3A-B-C

Music 4A-B-C-D-E-F (placement determined by exam)*

Music 5A-B-C (placement determined by exam)**

Music 10A-B-C

Piano proficiency required - either by successful completion of a piano proficiency audition or by completing Music 31A-B-C (placement by audition)

Additional requirements vary by emphasis - please contact the department for more information

Note: A grade of C- or better is required to advance in the Music 3, Music 4, and Music 5 series.

*Community college courses are not exact equivalents to UCSB’s MUS 4A-B-C-D-E-F series. Music students must take a musicianship placement test after transfer. The test will determine students’ placement in, or out of, the appropriate level of UCSB’s MUS 4A-B-C-D-E-F series. Music students are advised to take UC-transferable courses in musicianship.

**Community college courses are not exact equivalents to UCSB’s MUS 5A-B-C series. Music students must take a written theory placement test after transfer. The test will determine students’ placement in, or out of, the appropriate level of UCSB’s MUS 5A-B-C series. Music students are advised to take UC-transferable courses in music theory.
<table>
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<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>MUS 3A</td>
<td>Introduction to Music Studies</td>
<td>4.00</td>
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<tr>
<td>MUS 3B</td>
<td>Writing about Music</td>
<td>4.00</td>
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<tr>
<td>MUS 3C</td>
<td>Structures of Music</td>
<td>4.00</td>
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<tr>
<td>MUS 4A</td>
<td>Musicianship (1.00)</td>
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<td>MUS 5A</td>
<td>Theory of Western Art Music: Fundamentals (4.00)</td>
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<td>Theory of Western Art Music: Harmonic Practices and Analysis II (4.00)</td>
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<td>MUS 10A</td>
<td>History of Music from Early Modern Culture through Modernism (4.00)</td>
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<td>MUS 10B</td>
<td>History of Music from Early Modern Culture through Modernism (4.00)</td>
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<td>MUS 10C</td>
<td>History of Music from Early Modern Culture through Modernism (4.00)</td>
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<td>Successful completion of piano proficiency audition</td>
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MUS 31A - Class Piano (1.00)
And
MUS 31B - Class Piano (1.00)
And
MUS 31C - Class Piano (1.00)
- Placement by audition

END OF AGREEMENT
Articulation Agreement by Major
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MUSIC STUDIES, B.A. - ETHNOMUSICOLOGY EMPHASIS

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MUSIC STUDIES PROGRAM

The Department of Music offers two undergraduate degree programs: the Bachelor of Arts in Music Studies (B.A.) and the Bachelor of Music (B.M.). The Bachelor of Arts in Music Studies is an innovative program focusing on the academic study of music as a social, cultural and historical practice. The degree includes a required performance component in addition to advanced coursework in Music History, Ethnomusicology, and Music Theory.

All incoming Music Studies, B.A. majors must take a placement test in written theory skills and aural skills. In addition, students must audition for admission to performance classes. All Music Studies, B.A. students are required to register for the Music 3 series (Music 3A-B-C) and encouraged to enroll in French, German, or Italian courses.

Performance ensembles are available for all qualified students (including non-majors) pending audition. Ensembles include Wind Ensemble, Chamber Music, several ethnomusicology ensembles, as well as Choirs, Chamber Orchestra, Opera and Piano Ensembles.

For further information about UCSB's Music Studies major, please contact:
MUSIC STUDIES, B.A. - ETHNOMUSICOLOGY EMPHASIS

Please visit the department's website to learn more about this major: www.music.ucsb.edu

PREPARATION FOR THE MAJOR:

Music 3A and 3B and 3C

Music 4A (placement exam required)

Music 5A or 11 (placement exam required)

Music 10 (at least one class from A-B-C sequence)

Music 17

Three courses from: Music 8, 20-33, 88, A34 through A70AA-ZZ

Note: A grade of C- or better is required to advance in the Music 3, Music 4, and Music 5 series.

Note: Most performance and ensemble classes at UCSB are open by audition only. Auditions for classes should be taken at the Entrance Auditions before admission (information and dates are available from the program advisor in the music department) or at the beginning of each quarter.
Placement exam required if used for major

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<th>Course</th>
<th>Description</th>
<th>Articulation</th>
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<tbody>
<tr>
<td>MUS 10A</td>
<td>History of Music from Early Modern Culture through Modernism (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>MUS 10B</td>
<td>History of Music from Early Modern Culture through Modernism (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>MUS 10C</td>
<td>History of Music from Early Modern Culture through Modernism (4.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>MUS 17</td>
<td>World Music (4.00)</td>
<td>MUS 102 - World Music (3.00)</td>
</tr>
</tbody>
</table>

Select 3 Course(s) from the following

**REFER TO TOP OF AGREEMENT**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Articulation</th>
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</thead>
<tbody>
<tr>
<td>MUS 8</td>
<td>Class Composition (2.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>MUS 88</td>
<td>Intermediate Composition (2.00)</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>Other music courses (lessons, performance, ensembles)</td>
<td>No Course Articulated</td>
<td></td>
</tr>
</tbody>
</table>

**REFER TO TOP OF AGREEMENT**

END OF AGREEMENT
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

MUSIC STUDIES, B.A. - INTERDISCIPLINARY STUDIES OF MUSIC EMPHASIS

GENERAL INFORMATION FOR ALL MAJORS

All transfer applicants must satisfy University of California admissions eligibility requirements as well as meeting campus admission selection criteria. Completing the UC transfer admission requirements in English and mathematics by the end of the fall term prior to the fall application quarter makes an applicant more competitive for admission to UCSB. All admission requirements must be completed by the end of spring prior to transfer. For more information on UC admissions eligibility requirements and admission to UCSB, please visit the Admissions website: www.admissions.ucsb.edu

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Please note that the course "equivalencies" do not necessarily apply to UCSB general education. For information concerning satisfaction of UCSB general education requirements, please refer to the General Education/Breadth articulation agreement.

MUSIC STUDIES PROGRAM

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All incoming Music Studies, B.A. majors must take a placement test in written theory skills and aural skills. In addition, students must audition for admission to performance classes. All Music Studies, B.A. students are required to register for the Music 3 series (Music 3A-B-C) and encouraged to enroll in French, German, or Italian courses.

Performance ensembles are available for all qualified students (including non-majors) pending audition. Ensembles include Wind Ensemble, Chamber Music, several ethnomusicology ensembles, as well as Choirs, Chamber Orchestra, Opera and Piano Ensembles.

For further information about UCSB's Music Studies major, please contact:
Department of Music  
Room 1314 Music Building  
University of California  
Santa Barbara, CA 93106-6070  
(805) 893-5672  
Website: www.music.ucsb.edu

MUSIC STUDIES, B.A. - INTERDISCIPLINARY STUDIES OF MUSIC EMPHASIS

Please visit the department's website to learn more about this major: www.music.ucsb.edu

PREPARATION FOR THE MAJOR:

Music 3A and 3B and 3C

Music 4A (placement exam required)

Music 5A or 11 (placement exam required)

Music 10 (at least one class from A-B-C sequence)

Music 17

Three courses from: Music 8, 20-33, 88, A34 through A70AA-ZZ

Note: A grade of C- or better is required to advance in the Music 3, Music 4, and Music 5 series.

Note: Most performance and ensemble classes at UCSB are open by audition only. Auditions for classes should be taken at the Entrance Auditions before admission (information and dates are available from the program advisor in the music department) or at the beginning of each quarter.

PREPARATION FOR THE MAJOR

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Course Articulated</th>
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<tbody>
<tr>
<td>MUS 3A</td>
<td>Introduction to Music Studies (4.00)</td>
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<td>No Course Articulated</td>
</tr>
<tr>
<td>MUS 3B</td>
<td>Writing about Music (4.00)</td>
<td></td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>MUS 3C</td>
<td>Structures of Music (4.00)</td>
<td></td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>MUS 4A</td>
<td>Musicianship (1.00)</td>
<td></td>
<td>Placement exam required</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>MUS 5A</td>
<td>Theory of Western Art Music: Fundamentals (4.00)</td>
<td></td>
<td>Placement exam required</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>MUS 11</td>
<td>Fundamentals of Music (4.00)</td>
<td></td>
<td>No Course Articulated</td>
</tr>
</tbody>
</table>

Or

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MUS 5A</td>
<td>Theory of Western Art Music: Fundamentals (4.00)</td>
<td></td>
<td>Placement exam required</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>No Course Articulated</td>
</tr>
</tbody>
</table>
Placement exam required if used for major

**MUS 10A** - History of Music from Early Modern Culture through Modernism (4.00)  
No Course Articulated

**MUS 10B** - History of Music from Early Modern Culture through Modernism (4.00)  
No Course Articulated

**MUS 10C** - History of Music from Early Modern Culture through Modernism (4.00)  
No Course Articulated

**MUS 17** - World Music (4.00)  
MUS 102 - World Music (3.00)

Select 3 Course(s) from the following

**REFER TO TOP OF AGREEMENT**

**MUS 8** - Class Composition (2.00)  
No Course Articulated

**MUS 88** - Intermediate Composition (2.00)  
No Course Articulated

Other music courses (lessons, performance, ensembles)  
**REFER TO TOP OF AGREEMENT**

END OF AGREEMENT
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

MUSIC STUDIES, B.A. - WESTERN ART MUSIC EMPHASIS

GENERAL INFORMATION FOR ALL MAJORS

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Performance ensembles are available for all qualified students (including non-majors) pending audition. Ensembles include Wind Ensemble, Chamber Music, several ethnomusicology ensembles, as well as Choirs, Chamber Orchestra, Opera and Piano Ensembles.

For further information about UCSB's Music Studies major, please contact:
MUSIC STUDIES, B.A. - WESTERN ART MUSIC EMPHASIS

Please visit the department's website to learn more about this major: www.music.ucsb.edu

PREPARATION FOR THE MAJOR:

Music 3A and 3B and 3C

Music 4A and 4B and 4C (placement determined by exam)*

Music 5A and 5B and 5C (placement determined by exam)**

Music 10A and 10B and 10C

Six courses from: Music 8, 20-33, 88, A34 through A70AA-ZZ

Note: A grade of C- or better is required to advance in the Music 3, Music 4, and Music 5 series.

Note: Most performance and ensemble classes at UCSB are open by audition only. Auditions for classes should be taken at the Entrance Auditions before admission (information and dates are available from the program advisor in the music department) or at the beginning of each quarter.

* Community college courses are not exact equivalents to UCSB's MUS 4A-B-C series. Music students must take a musicianship placement test after transfer. The test will determine students' placement in, or out of, the appropriate level of UCSB's MUS 4A-B-C series. Music students are advised to take UC-transferable courses in musicianship.

** Community college courses are not exact equivalents to UCSB's MUS 5A-B-C series. Music students must take a written theory placement test after transfer. The test will determine students' placement in, or out of, the appropriate level of UCSB's MUS 5A-B-C series. Music students are advised to take UC-transferable courses in music theory.

PREPARATION FOR THE MAJOR

<table>
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<tr>
<th>Course</th>
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</tr>
<tr>
<td>MUS 3C</td>
<td>Structures of Music (4.00)</td>
<td></td>
<td>No Course Articulated</td>
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</table>

**REFER TO TOP OF AGREEMENT**
**MUS 4A - Musicianship (1.00)**  
**And**  
**MUS 4B - Musicianship (1.00)**  
**And**  
**MUS 4C - Musicianship (1.00)**  
- Placement exam required  

**MUS 5A - Theory of Western Art Music: Fundamentals (4.00)**  
**And**  
**MUS 5B - Theory of Western Art Music: Harmonic Practices and Analysis I (4.00)**  
**And**  
**MUS 5C - Theory of Western Art Music: Harmonic Practices and Analysis II (4.00)**  
- Placement exam required  

**MUS 10A - History of Music from Early Modern Culture through Modernism (4.00)**  
**And**  
**MUS 10B - History of Music from Early Modern Culture through Modernism (4.00)**  
**And**  
**MUS 10C - History of Music from Early Modern Culture through Modernism (4.00)**  

**Select 6 Course(s) from the following**  
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<table>
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<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MUS 8</td>
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<td>No Course Articulated</td>
</tr>
<tr>
<td>MUS 88</td>
<td>2.00</td>
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**END OF AGREEMENT**
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

MUSIC STUDIES, B.A.

GENERAL INFORMATION FOR ALL MAJORS

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MUSIC STUDIES, B.A.

Please visit the department's website to learn more about this major: www.music.ucsb.edu

PREPARATION FOR THE MAJOR:

Music 3A and 3B and 3C

Music 4A (placement exam required)

Music 5A or 11 (placement exam required)

Music 10 (at least one class from A-B-C sequence)

Music 17

Three courses from: Music 8, 20-33, 88, A34 through A70AA-ZZ

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<th>Course</th>
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<tbody>
<tr>
<td><strong>MUS 10A</strong> - History of Music from Early Modern Culture through Modernism (4.00)</td>
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<td>No Course Articulated</td>
</tr>
<tr>
<td><strong>MUS 10B</strong> - History of Music from Early Modern Culture through Modernism (4.00)</td>
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<td>No Course Articulated</td>
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<tr>
<td><strong>MUS 10C</strong> - History of Music from Early Modern Culture through Modernism (4.00)</td>
<td>←</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td><strong>MUS 17</strong> - World Music (4.00)</td>
<td>←</td>
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</table>

Select 3 Course(s) from the following

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END OF AGREEMENT
Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

PHARMACOLOGY, B.S.

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MAJORS IN THE BIOLOGICAL SCIENCES

Department of Ecology, Evolution, and Marine Biology (EEMB) majors: Aquatic Biology, B.S.; Biological Sciences, B.A. & B.S.; Ecology and Evolution, B.S.; Physiology, B.S.; Zoology, B.S.

Department of Molecular, Cellular, and Developmental Biology (MCDB) majors: Biochemistry-Molecular Biology, B.S.; Biological Sciences, B.A. & B.S.; Cell and Developmental Biology, B.S.; Microbiology, B.S.; Pharmacology, B.S.

PRE-MAJOR INFORMATION - Students are admitted initially to Pre-Biological Sciences, not directly to the major. Admission to the full major is contingent upon achievement of a grade point average of 2.0 or better in pertinent courses completed at the University of California. Because the criteria are subject to annual review and revision, interested students should consult the department directly to obtain current information regarding specific additional criteria for admission to the full major. Admission to the pre-major does not guarantee admission to full major status.

ADMISSION SELECTION CRITERIA - To be admitted to the Pre-Biological Sciences major, all transfer students must complete the following:
1. One year sequence of General Chemistry with laboratory, with no individual grade lower than "C"
2. Complete sequence of major-applicable General Biology with laboratory, with no individual grade lower than "C"
3. A cumulative GPA of 2.7 or better in the required courses listed above

For students to graduate within two years of transferring, we strongly recommend the completion of one year of organic chemistry with laboratory, one year of general physics with laboratory, and one year of calculus (or one semester each of calculus and statistics). Any of these courses completed with a grade lower than "C" might not satisfy course prerequisites at UCSB.

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PHARMACOLOGY, B.S.

Please visit the department's website to learn more about this major: www.lifesci.ucsb.edu

PREPARATION FOR THE MAJOR:

Chemistry 1A-1AL-1B-1BL-1C-1CL (required prior to transfer, see Admission Selection Criteria above)

MCDB 1A-1AL-1B and EEMB 2-2L-3-3L (required prior to transfer, see Admission Selection Criteria above)

Chemistry 6AL-6BL and 109A-109B-109C

Mathematics 3A-3B or 34A-34B

One of the following: PSTAT 5LS or PSTAT 5A or Mathematics 4A or Psychology 5

Physics 6A-6AL-6B-6BL-6C-6CL

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PREPARATION FOR THE MAJOR

**REFER TO TOP OF AGREEMENT**

Complete entire sequence prior to transfer

Required for admission

<table>
<thead>
<tr>
<th>CHEM 1A - General Chemistry (3.00)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1AL - General Chemistry Laboratory (2.00)</td>
<td>And</td>
</tr>
<tr>
<td>CHEM 1B - General Chemistry (3.00)</td>
<td>And</td>
</tr>
<tr>
<td>CHEM 1BL - General Chemistry Laboratory (2.00)</td>
<td>And</td>
</tr>
<tr>
<td>CHEM 1C - General Chemistry (3.00)</td>
<td>And</td>
</tr>
<tr>
<td>CHEM 1CL - General Chemistry Laboratory (2.00)</td>
<td>And</td>
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</table>

<table>
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<tr>
<th>CHEM 200A - General Chemistry A (5.00)</th>
<th>And</th>
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</thead>
<tbody>
<tr>
<td>CHEM 200B - General Chemistry B (5.00)</td>
<td>Or</td>
</tr>
<tr>
<td>CHEM 200AH - Honors General Chemistry AH (5.00)</td>
<td>And</td>
</tr>
<tr>
<td>CHEM 200B - General Chemistry B (5.00)</td>
<td>And</td>
</tr>
</tbody>
</table>
**REFER TO TOP OF AGREEMENT**

Complete entire sequence prior to transfer

Required for admission

| EEMB 2 - Introductory Biology II - Ecology and Evolution (3.00) | BIOL 211 - Cellular and Molecular Biology (5.00) |
| And |
| EEMB 2L - Introductory Biology Laboratory II (1.00) | And |
| Same-As: MCDB 1BL |
| And |
| EEMB 3 - Introductory Biology III (3.00) | And |
| And |
| EEMB 3L - Introductory Biology Laboratory III (1.00) | And |
| And |
| MCDB 1A - Introductory Biology I (4.00) | And |
| And |
| MCDB 1AL - Introductory Biology Laboratory I (1.00) | And |
| And |
| MCDB 1B - Introductory Biology II - Physiology (3.00) | □ Articulates as a sequence only |
| CHEM 6AL - Laboratory Methods of Organic Chemistry (3.00) | CHEM 280A - Organic Chemistry A (5.00) |
| And |
| CHEM 6BL - Laboratory Methods of Organic Chemistry (3.00) | And |
| CHEM 280B - Organic Chemistry B (5.00) |
| CHEM 109A - Organic Chemistry (4.00) | CHEM 280A - Organic Chemistry A (5.00) |
| And |
| CHEM 109B - Organic Chemistry (4.00) | □ Lower division credit only |
| And |
| CHEM 109C - Organic Chemistry (4.00) | And |
| CHEM 280B - Organic Chemistry B (5.00) |
| □ Lower division credit only |
| MATH 3A - Calculus with Applications, First Course (4.00) | MATH 180 - Single Variable Calculus I (4.00) |
| And |
| MATH 3B - Calculus with Applications, Second Course (4.00) | And |
| MATH 185 - Single Variable Calculus II (4.00) |
| Or |
| MATH 180H - Honors Single Variable Calculus I (4.00) | And |
| MATH 185 - Single Variable Calculus II (4.00) |
| Or |
| MATH 180 - Single Variable Calculus I (4.00) | And |
| MATH 185 - Single Variable Calculus II (4.00) |

**REFER TO TOP OF AGREEMENT**
Complete entire sequence prior to transfer
Required for admission
<table>
<thead>
<tr>
<th>Course</th>
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<th>Credit Hours</th>
<th>Notes</th>
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<tbody>
<tr>
<td><strong>MATH 34A</strong></td>
<td>Calculus for Social and Life Sciences (4.00)</td>
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</tr>
<tr>
<td><strong>MATH 34B</strong></td>
<td>Calculus for Social and Life Sciences (4.00)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MATH 150</strong></td>
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<td><strong>PSTAT 5LS</strong></td>
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<tr>
<td><strong>MATH 34A</strong></td>
<td>Calculus for Social and Life Sciences (4.00)</td>
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<tr>
<td><strong>MATH 34B</strong></td>
<td>Calculus for Social and Life Sciences (4.00)</td>
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<td></td>
</tr>
<tr>
<td><strong>MATH 150</strong></td>
<td>Calculus for the Biological, Management and Social Sciences (5.00)</td>
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<tr>
<td><strong>PSTAT 5A</strong></td>
<td>Statistics (5.00)</td>
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<td><strong>MATH 219</strong></td>
<td>Statistics and Probability (4.00)</td>
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<tr>
<td><strong>MATH 219H</strong></td>
<td>Honors Statistics and Probability (4.00)</td>
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<tr>
<td><strong>MATH 4A</strong></td>
<td>Linear Algebra with Applications (4.00)</td>
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<td><strong>MATH 290</strong></td>
<td>Linear Algebra (3.00)</td>
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<tr>
<td><strong>MATH 287</strong></td>
<td>Introduction to Linear Algebra and Differential Equations (5.00)</td>
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<td><strong>PSY 5</strong></td>
<td>Introductory Statistics (5.00)</td>
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<td><strong>MATH 219</strong></td>
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<tr>
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<td>Introductory Physics (3.00)</td>
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<tr>
<td><strong>PHYS 6AL</strong></td>
<td>Introductory Experimental Physics (1.00)</td>
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<tr>
<td><strong>PHYS 6B</strong></td>
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<td><strong>PHYS 6C</strong></td>
<td>Introductory Physics (3.00)</td>
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<tr>
<td><strong>PHYS 6CL</strong></td>
<td>Introductory Experimental Physics (1.00)</td>
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<tr>
<td><strong>PHYS 150A</strong></td>
<td>Introductory Physics I (4.00)</td>
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<tr>
<td><strong>PHYS 150AC</strong></td>
<td>Introductory Physics I-Calculus (1.00)</td>
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<tr>
<td><strong>PHYS 150B</strong></td>
<td>Introductory Physics II (4.00)</td>
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<tr>
<td><strong>PHYS 150BC</strong></td>
<td>Introductory Physics II-Calculus (1.00)</td>
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</tbody>
</table>

**END OF AGREEMENT**
Articulation Agreement
by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

PHILOSOPHY, B.A.

GENERAL INFORMATION FOR ALL MAJORS

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PHILOSOPHY, B.A.

Please visit the department's website to learn more about this major: www.philosophy.ucsb.edu

Students must follow the requirements of one of the two concentrations: Core Philosophy or Ethics and Public Policy

CONCENTRATION I: CORE PHILOSOPHY

PREPARATION FOR THE MAJOR:

Required: Philosophy 3

Recommended: Philosophy 20A-B-C

CONCENTRATION II: ETHICS AND PUBLIC POLICY

PREPARATION FOR THE MAJOR:
Required: Philosophy 3

Recommended: Philosophy 4 or 6 or 7

PREPARATION FOR THE MAJOR

PHIL 3 - Critical Thinking (4.00) ← PHIL 111 - Introductory Logic (4.00)

CORE PHILOSOPHY CONCENTRATION

Recommended; Not required for the major

PHIL 20A - History of Philosophy (4.00) ← No Course Articulated

And

PHIL 20B - History of Philosophy (4.00) ← No Course Articulated

And

PHIL 20C - History of Philosophy (4.00) ← No Course Articulated

ETHICS AND PUBLIC POLICY CONCENTRATION

Recommended; Not required for the major

PHIL 4 - Introduction to Ethics (4.00) ← PHIL 108 - Ethics (3.00)

Or

PHIL 6 - Professional and Business Ethics (4.00) ← No Course Articulated

Or

PHIL 7 - Biomedical Ethics (4.00) ← No Course Articulated

END OF AGREEMENT
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
From: Santiago Canyon College

PHYSICAL GEOGRAPHY, B.S.

GENERAL INFORMATION FOR ALL MAJORS

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PHYSICAL GEOGRAPHY, B.S.

Please visit the department's website to learn more about this major: www.geog.ucsb.edu

PREPARATION FOR THE MAJOR:

Geography 3A and 3B and 5
Math 3A and 3B and 4A
Physics 6A-6B-6C or Physics 1-2-3-3L-4-4L
PSTAT 5A or PSTAT 5LS
Chemistry 1A-1AL

12 elective quarter units (8 semester units) from: Chemistry 1B-1BL, 1C-1CL; MCDB 1A-1AL, 1-B-1BL; EEMB 2-2L, 3-3L; Earth Science 2, 3, 4; Astronomy 1, 2; Math 4B, 6A, 6B, 8
**Note:** Chemistry 1A-B-C is prerequisite to MCDB 1A-1AL

**Strongly recommended:** Computer Science 8; Geography 12; any additional courses from the above elective selection

### PREPARATION FOR THE MAJOR

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
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<tbody>
<tr>
<td>GEOG 3A</td>
<td>Oceans and Atmosphere (4.00)</td>
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<td>No Course Articulated</td>
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<tr>
<td>GEOG 3B</td>
<td>Land, Water and Life (4.00)</td>
<td></td>
<td>GEOG 101 - Physical Geography (3.00)</td>
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<tr>
<td>GEOG 5</td>
<td>People, Place and Environment (4.00)</td>
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<td>GEOG 102 - Cultural Geography (3.00)</td>
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<td>MATH 3A</td>
<td>Calculus with Applications, First Course (4.00)</td>
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<td>MATH 180 - Single Variable Calculus I (4.00)</td>
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<td></td>
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<td>MATH 180H - Honors Single Variable Calculus I (4.00)</td>
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<td>MATH 3B</td>
<td>Calculus with Applications, Second Course (4.00)</td>
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<td>MATH 185 - Single Variable Calculus II (4.00)</td>
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<td>MATH 4A</td>
<td>Linear Algebra with Applications (4.00)</td>
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<td>MATH 290 - Linear Algebra (3.00)</td>
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<td>MATH 287 - Introduction to Linear Algebra and Differential Equations (5.00)</td>
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<tr>
<td>PHYS 6A</td>
<td>Introductory Physics (3.00)</td>
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<td>PHYS 150A - Introductory Physics I (4.00)</td>
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<tr>
<td>PHYS 6B</td>
<td>Introductory Physics (3.00)</td>
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<td>And</td>
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<tr>
<td>PHYS 6C</td>
<td>Introductory Physics (3.00)</td>
<td></td>
<td>PHYS 150AC - Introductory Physics I-Calculus (1.00)</td>
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<td>PHYS 150BC - Introductory Physics II-Calculus (1.00)</td>
</tr>
<tr>
<td>PHYS 1</td>
<td>Basic Physics (4.00)</td>
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<td>PHYS 250A - Physics for Scientists and Engineering I (5.00)</td>
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<tr>
<td>PHYS 2</td>
<td>Basic Physics (4.00)</td>
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<td>And</td>
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<td></td>
<td>PHYS 250A - Physics for Scientists and Engineering I (5.00)</td>
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<td>And</td>
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<td></td>
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<td></td>
<td>PHYS 250B - Physics for Scientists and Engineering II (5.00)</td>
</tr>
</tbody>
</table>

Select 1 Sequence(s) from the following: PHYS 6A - Introductory Physics (3.00) and PHYS 6B - Introductory Physics (3.00) and PHYS 6C - Introductory Physics (3.00)
PHYS 3 - Basic Physics (3.00)
And
PHYS 3L - Physics Laboratory (1.00)

PHYS 4 - Basic Physics (3.00)
And
PHYS 4L - Physics Laboratory (1.00)

PHYS 250C - Physics for Scientist and Engineering III (5.00)

PHYS 250B - Physics for Scientists and Engineering II (5.00)
And
PHYS 250C - Physics for Scientist and Engineering III (5.00)

PSTAT 5A - Statistics (5.00)

MATH 219 - Statistics and Probability (4.00)
Or
MATH 219H - Honors Statistics and Probability (4.00)

PSTAT 5LS - Statistics for Life Sciences (5.00)

No Course Articulated

CHEM 1A - General Chemistry (3.00)
And
CHEM 1AL - General Chemistry Laboratory (2.00)

CHEM 200A - General Chemistry A (5.00)
Or
CHEM 200AH - Honors General Chemistry AH (5.00)

Select 12 Quarter Unit(s) from the following

**REFER TO TOP OF AGREEMENT**

CHEM 1B - General Chemistry (3.00)
And
CHEM 1BL - General Chemistry Laboratory (2.00)

CHEM 200A - General Chemistry A (5.00)
And
CHEM 200B - General Chemistry B (5.00)
Or
CHEM 200AH - Honors General Chemistry AH (5.00)
And
CHEM 200B - General Chemistry B (5.00)

BIOL 211 - Cellular and Molecular Biology (5.00)
And
BIOL 212 - Animal Diversity and Ecology (5.00)
And
BIOL 214 - Plant Diversity and Evolution (5.00)
**STRONGLY RECOMMENDED**

<p>| CMPSC 8 - Introduction to Computer Science (4.00) | CMPR 120 - Introduction to Programming (3.00) |</p>
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>CMPR 122</td>
<td>Programming Concepts and Methodology I (3.00)</td>
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</tr>
<tr>
<td>GEOG 12</td>
<td>Maps and Spatial Reasoning (4.00)</td>
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</tr>
<tr>
<td>GEOG 150</td>
<td>Map Interpretation and Analysis (3.00)</td>
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</tr>
</tbody>
</table>

Additional courses from the above elective selection may also be articulated.

**REFER TO TOP OF AGREEMENT**

END OF AGREEMENT
Articulation Agreement by Major
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PHYSICS, B.A. & B.S.

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PHYSICS, B.A. & B.S.

Please visit the department's website to learn more about this major: www.physics.ucsb.edu

**PREPARATION FOR THE MAJOR:**

Physics 20-21-22-23-24-25

Physics 3L-4L-(5L or 25L)

Chemistry 1A-B

Mathematics 3A-B, 4A-B, 6A-B

**Students must earn a minimum grade of C in all major-applicable courses in order to satisfy UCSB major requirements.**
## Preparation for the Major

### **Refer to Top of Agreement**

<table>
<thead>
<tr>
<th>Major Course</th>
<th>Description</th>
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<td><strong>PHYS 21</strong></td>
<td>General Physics (4.00)</td>
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<tr>
<td><strong>PHYS 22</strong></td>
<td>General Physics (4.00)</td>
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</tr>
<tr>
<td><strong>PHYS 23</strong></td>
<td>General Physics (4.00)</td>
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<tr>
<td><strong>PHYS 3L</strong></td>
<td>Physics Laboratory (1.00)</td>
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<td><strong>PHYS 24</strong></td>
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<td><strong>PHYS 4L</strong></td>
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<td><strong>PHYS 25</strong></td>
<td>General Physics (4.00)</td>
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<td><strong>PHYS 5L</strong></td>
<td>Physics Laboratory (1.00)</td>
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<tr>
<td><strong>PHYS 20A</strong></td>
<td>Physics for Scientists and Engineering I</td>
<td>(5.00)</td>
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<td><strong>PHYS 20B</strong></td>
<td>Physics for Scientists and Engineering II</td>
<td>(5.00)</td>
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<td><strong>PHYS 20C</strong></td>
<td>Physics for Scientists and Engineering III</td>
<td>(5.00)</td>
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<td><strong>CHEM 200A</strong></td>
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<td>General Chemistry B (5.00)</td>
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<td><strong>CHEM 200AH</strong></td>
<td>Honors General Chemistry AH (5.00)</td>
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<td>General Chemistry B (5.00)</td>
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<tr>
<td><strong>MATH 3A</strong></td>
<td>Calculus with Applications, First Course</td>
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<tr>
<td><strong>MATH 180</strong></td>
<td>Single Variable Calculus I (4.00)</td>
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<td><strong>MATH 180H</strong></td>
<td>Honors Single Variable Calculus I (4.00)</td>
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<tr>
<td><strong>MATH 3B</strong></td>
<td>Calculus with Applications, Second Course</td>
<td>(4.00)</td>
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<td><strong>MATH 185</strong></td>
<td>Single Variable Calculus II (4.00)</td>
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<tr>
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<td>Linear Algebra with Applications</td>
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<tr>
<td><strong>MATH 290</strong></td>
<td>Linear Algebra (3.00)</td>
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<tr>
<td><strong>MATH 287</strong></td>
<td>Introduction to Linear Algebra and Differential Equations (5.00)</td>
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<td>Differential Equations (4.00)</td>
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<td><strong>MATH 295</strong></td>
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<tr>
<td>MATH 287</td>
<td>Introduction to Linear Algebra and Differential Equations</td>
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<td>MATH 6A</td>
<td>Vector Calculus with Applications, First Course</td>
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<td>MATH 280</td>
<td>Intermediate Calculus</td>
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<tr>
<td>MATH 6B</td>
<td>Vector Calculus with Applications, Second Course</td>
<td>4.00</td>
</tr>
</tbody>
</table>

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END OF AGREEMENT
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PHYSIOLOGY, B.S.

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MAJORS IN THE BIOLOGICAL SCIENCES

Department of Ecology, Evolution, and Marine Biology (EEMB) majors: Aquatic Biology, B.S.; Biological Sciences, B.A. & B.S.; Ecology and Evolution, B.S.; Physiology, B.S.; Zoology, B.S.

Department of Molecular, Cellular, and Developmental Biology (MCDB) majors: Biochemistry-Molecular Biology, B.S.; Biological Sciences, B.A. & B.S.; Cell and Developmental Biology, B.S.; Microbiology, B.S.; Pharmacology, B.S.

PRE-MAJOR INFORMATION - Students are admitted initially to Pre-Biological Sciences, not directly to the major. Admission to the full major is contingent upon achievement of a grade point average of 2.0 or better in pertinent courses completed at the University of California. Because the criteria are subject to annual review and revision, interested students should consult the department directly to obtain current information regarding specific additional criteria for admission to the full major. Admission to the pre-major does not guarantee admission to full major status.

ADMISSION SELECTION CRITERIA - To be admitted to the Pre-Biological Sciences major, all transfer students must complete the following:
1. One year sequence of **General Chemistry with laboratory**, with no individual grade lower than "C"
2. Complete sequence of major-applicable **General Biology with laboratory**, with no individual grade lower than "C"
3. A cumulative **GPA of 2.7 or better** in the required courses listed above

**For students to graduate within two years of transferring, we strongly recommend the completion of one year of organic chemistry with laboratory, one year of general physics with laboratory, and one year of calculus (or one semester each of calculus and statistics). Any of these courses completed with a grade lower than "C" might not satisfy course prerequisites at UCSB.**

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**PHYSIOLOGY, B.S.**

Please visit the department's website to learn more about this major: [www.lifesci.ucsb.edu](http://www.lifesci.ucsb.edu)

**PREPARATION FOR THE MAJOR:**

Chemistry 1A-1AL-1B-1BL-1C-1CL (required prior to transfer, see Admission Selection Criteria above)

MCDB 1A-1AL-1B and EEMB 2-2L-3-3L (required prior to transfer, see Admission Selection Criteria above)

Chemistry 6AL-6BL and 109A-109B-109C

Mathematics 3A-3B or 34A-34B

One of the following: PSTAT 5LS or PSTAT 5A (Mathematics 4A acceptable, but not recommended)

Physics 6A-6AL-6B-6BL-6C-6CL

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**PREPARATION FOR THE MAJOR**

**REFER TO TOP OF AGREEMENT**

Complete entire sequence prior to transfer

Required for admission

| **CHEM 1A** - General Chemistry (3.00) | **CHEM 200A** - General Chemistry A (5.00) |
| **CHEM 1AL** - General Chemistry Laboratory (2.00) | **And** |
| **CHEM 1B** - General Chemistry (3.00) | **CHEM 200B** - General Chemistry B (5.00) |
| **CHEM 1BL** - General Chemistry Laboratory (2.00) | **Or** |
| **CHEM 1C** - General Chemistry (3.00) | **CHEM 200AH** - Honors General Chemistry AH (5.00) |
| **CHEM 1CL** - General Chemistry Laboratory (2.00) | **And** |
| | **CHEM 200B** - General Chemistry B (5.00) |
**REFERR TO TOP OF AGREEMENT**
Complete entire sequence prior to transfer
Required for admission

<table>
<thead>
<tr>
<th>EEMB 2 - Introductory Biology II - Ecology and Evolution (3.00)</th>
<th>BIOL 211 - Cellular and Molecular Biology (5.00)</th>
</tr>
</thead>
<tbody>
<tr>
<td>And</td>
<td>And</td>
</tr>
<tr>
<td>EEMB 2L - Introductory Biology Laboratory II (1.00)</td>
<td>BIOL 212 - Animal Diversity and Ecology (5.00)</td>
</tr>
<tr>
<td>Same-As: MCDB 1BL</td>
<td>And</td>
</tr>
<tr>
<td>And</td>
<td>BIOL 214 - Plant Diversity and Evolution (5.00)</td>
</tr>
<tr>
<td>EEMB 3 - Introductory Biology III (3.00)</td>
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</tr>
<tr>
<td>EEMB 3L - Introductory Biology Laboratory III (1.00)</td>
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<td>And</td>
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</tr>
<tr>
<td>MCDB 1A - Introductory Biology I (4.00)</td>
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<td>And</td>
<td>And</td>
</tr>
<tr>
<td>MCDB 1AL - Introductory Biology Laboratory I (1.00)</td>
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<td>And</td>
<td>And</td>
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<tr>
<td>MCDB 1B - Introductory Biology II - Physiology (3.00)</td>
<td>Articulates as a sequence only</td>
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<table>
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<tr>
<th>CHEM 6AL - Laboratory Methods of Organic Chemistry (3.00)</th>
<th>CHEM 280A - Organic Chemistry A (5.00)</th>
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<tr>
<td>And</td>
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<tr>
<td>CHEM 6BL - Laboratory Methods of Organic Chemistry (3.00)</td>
<td>CHEM 280B - Organic Chemistry B (5.00)</td>
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<table>
<thead>
<tr>
<th>CHEM 109A - Organic Chemistry (4.00)</th>
<th>CHEM 280A - Organic Chemistry A (5.00)</th>
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<tbody>
<tr>
<td>And</td>
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<tr>
<td>CHEM 109B - Organic Chemistry (4.00)</td>
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<tr>
<td>And</td>
<td>CHEM 280B - Organic Chemistry B (5.00)</td>
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<tr>
<td>CHEM 109C - Organic Chemistry (4.00)</td>
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<th>MATH 3A - Calculus with Applications, First Course (4.00)</th>
<th>MATH 180 - Single Variable Calculus I (4.00)</th>
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<tr>
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<td>And</td>
</tr>
<tr>
<td>MATH 3B - Calculus with Applications, Second Course (4.00)</td>
<td>MATH 185 - Single Variable Calculus II (4.00)</td>
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**Or**

<p>| MATH 180H - Honors Single Variable Calculus I (4.00) | MATH 185 - Single Variable Calculus II (4.00) |</p>
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<thead>
<tr>
<th>Course Code</th>
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<td>MATH 34B</td>
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<td>MATH 150</td>
<td>Calculus for the Biological, Management and Social Sciences (5.00)</td>
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<table>
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<tbody>
<tr>
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<tr>
<td>PSTAT 5A</td>
<td>Statistics (5.00)</td>
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<td>Or</td>
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<tr>
<td>MATH 219</td>
<td>Statistics and Probability (4.00)</td>
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<tr>
<td>MATH 219H</td>
<td>Honors Statistics and Probability (4.00)</td>
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<tr>
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<tr>
<td>MATH 290</td>
<td>Linear Algebra (3.00)</td>
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<td>MATH 287</td>
<td>Introduction to Linear Algebra and Differential Equations (5.00)</td>
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<td>PHYS 6A</td>
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<tr>
<td>PHYS 6AL</td>
<td>Introductory Experimental Physics (1.00)</td>
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<td>And</td>
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<td>PHYS 6B</td>
<td>Introductory Physics (3.00)</td>
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<tr>
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</tr>
<tr>
<td>PHYS 6BL</td>
<td>Introductory Experimental Physics (1.00)</td>
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<tr>
<td>And</td>
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<td>PHYS 6C</td>
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<td>PHYS 6CL</td>
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<thead>
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<td>PHYS 150AC</td>
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<tr>
<td>PHYS 150B</td>
<td>Introductory Physics II (4.00)</td>
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</tr>
<tr>
<td>PHYS 150BC</td>
<td>Introductory Physics II-Calculus (1.00)</td>
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</table>

END OF AGREEMENT
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

POLITICAL SCIENCE, B.A.

GENERAL INFORMATION FOR ALL MAJORS

All transfer applicants must satisfy University of California admissions eligibility requirements as well as meeting campus admission selection criteria. Completing the UC transfer admission requirements in English and mathematics by the end of the fall term prior to the fall application quarter makes an applicant more competitive for admission to UCSB. All admission requirements must be completed by the end of spring prior to transfer. For more information on UC admissions eligibility requirements and admission to UCSB, please visit the Admissions website: www.admissions.ucsb.edu

This articulation agreement lists course-to-course or sequence-to-sequence substitutions for preparation in the major. Transfer students are strongly encouraged to complete as many major preparatory courses as possible prior to enrolling at UCSB. Completion of all major preparatory courses is not an admissions requirement, but some majors require certain courses to be completed prior to transfer with a specified GPA, and completion or near completion of major preparatory courses will help students move more efficiently toward graduation after transfer.

Please note that the course "equivalencies" do not necessarily apply to UCSB general education. For information concerning satisfaction of UCSB general education requirements, please refer to the General Education/Breadth articulation agreement.

POLITICAL SCIENCE, B.A.

Please visit the department's website to learn more about this major: www.polsci.ucsb.edu

PRE-MAJOR INFORMATION

Students are admitted initially to Pre-Political Science, not directly to the major. Admission to the full major is contingent upon completion of Political Science 1, 6, 7, 12, and 15 with a grade point average of 2.6 or better in those courses completed at the University of California. (Only UC grades go into the pre-major GPA. Transfer courses taken outside of UC may satisfy pre-major requirements, but they are not part of the pre-major GPA.) Students must also complete Economics 1 and 2 (or 9) on a letter graded basis. Economics 1 and 2 (or 9) are excluded from the pre-major GPA but are included in the overall major GPA. Because the criteria are subject to annual review and revision, transfer students should consult the department directly to obtain current information regarding specific additional criteria for admission to the full major. Admission to the pre-major does not guarantee admission to full major status.

PRE-MAJOR COURSES:
| POL S 1 - Introduction to Political Philosophy (4.00) | POLT 230 - Political Theory (3.00) |
| POL S 6 - Introduction to Comparative Politics (4.00) | POLT 201 - Introduction to Comparative Politics (3.00) |
| POL S 7 - Introduction to International Relations (4.00) | POLT 220 - International Politics (3.00) |
| POL S 12 - American Government and Politics (4.00) | POLT 101 - Introduction to American Government (3.00) Or POLT 101H - Honors Introduction to American Government (3.00) |
| POL S 15 - Introduction to Research in Political Science (5.00) | No Course Articulated |
| ECON 1 - Principles of Economics-Micro (4.00) | ECON 101 - Principles/ Micro (3.00) And ECON 102 - Principles/ Macro (3.00) |
| ECON 2 - Principles of Economics-Macro (4.00) | |
| ECON 9 - Introduction to Economics (4.00) | No Course Articulated |

END OF AGREEMENT
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

PORTUGUESE, B.A.

GENERAL INFORMATION FOR ALL MAJORS

All transfer applicants must satisfy University of California admissions eligibility requirements as well as meeting campus admission selection criteria. Completing the UC transfer admission requirements in English and mathematics by the end of the fall term prior to the fall application quarter makes an applicant more competitive for admission to UCSB. All admission requirements must be completed by the end of spring prior to transfer. For more information on UC admissions eligibility requirements and admission to UCSB, please visit the Admissions website: www.admissions.ucsb.edu

This articulation agreement lists course-to-course or sequence-to-sequence substitutions for preparation in the major. Transfer students are strongly encouraged to complete as many major preparatory courses as possible prior to enrolling at UCSB. Completion of all major preparatory courses is not an admissions requirement, but some majors require certain courses to be completed prior to transfer with a specified GPA, and completion or near completion of major preparatory courses will help students move more efficiently toward graduation after transfer.

Please note that the course "equivalencies" do not necessarily apply to UCSB general education. For information concerning satisfaction of UCSB general education requirements, please refer to the General Education/Breadth articulation agreement.

PORTUGUESE, B.A.

Please visit the department's website to learn more about this major: www.spanport.ucsb.edu

PREPARATION FOR THE MAJOR

Portuguese 1, 2, 3, 4, 5, 6 (or equivalent)

NOTE: A grade of "C" or higher is required to progress in lower-division Portuguese courses.

NOTE FOR NATIVE SPEAKERS

Students who were educated through grade 9 or above in a school where a language other than English was the primary language of instruction will not get transfer credit for lower-division college courses teaching that
language. Please contact the department about a language proficiency exam. **Performance on language proficiency exams may satisfy major requirements.**

**PREPARATION FOR THE MAJOR**

<table>
<thead>
<tr>
<th>PORT 1 - Elementary Portuguese (4.00) And PORT 2 - Elementary Portuguese (4.00) And PORT 3 - Elementary Portuguese (4.00)</th>
<th>No Course Articulated</th>
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<tbody>
<tr>
<td></td>
<td>Or equivalent</td>
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</table>

<table>
<thead>
<tr>
<th>PORT 4 - Intermediate Portuguese (4.00) And PORT 5 - Intermediate Portuguese (4.00) And PORT 6 - Intermediate Portuguese (4.00)</th>
<th>No Course Articulated</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Or equivalent</td>
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</table>

**END OF AGREEMENT**
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara General Catalog, Quarter
From: Santiago Canyon College General Catalog, Semester

PSYCHOLOGICAL AND BRAIN SCIENCES, B.S.

GENERAL INFORMATION FOR ALL MAJORS

All transfer applicants must satisfy University of California admissions eligibility requirements as well as meeting campus admission selection criteria. Completing the UC transfer admission requirements in English and mathematics by the end of the fall term prior to the fall application quarter makes an applicant more competitive for admission to UCSB. All admission requirements must be completed by the end of spring prior to transfer. For more information on UC admissions eligibility requirements and admission to UCSB, please visit the Admissions website: [www.admissions.ucsb.edu](http://www.admissions.ucsb.edu)

This articulation agreement lists course-to-course or sequence-to-sequence substitutions for preparation in the major. **Transfer students are strongly encouraged to complete as many major preparatory courses as possible prior to enrolling at UCSB.** Completion of all major preparatory courses is not an admissions requirement, but some majors require certain courses to be completed prior to transfer with a specified GPA, and completion or near completion of major preparatory courses will help students move more efficiently toward graduation after transfer.

Please note that the course "equivalencies" do not necessarily apply to UCSB general education. For information concerning satisfaction of UCSB general education requirements, please refer to the General Education/Breadth articulation agreement.

PSYCHOLOGICAL AND BRAIN SCIENCES, B.S.

Please visit the department's website to learn more about this major: [www.psych.ucsb.edu](http://www.psych.ucsb.edu)

PRE-MAJOR INFORMATION

Students are admitted initially to Pre-Psychological and Brain Sciences, not directly to the major. Admission to the full Psychological and Brain Sciences major is contingent upon fulfilling the following requirements:

1. The courses in Area I must be completed with a grade point average of 2.7 or higher in courses completed at the University of California
2. The courses in Area II must be completed with a grade point average of 2.0 or higher in courses completed at the University of California
3. No Pre-Major course with a grade lower than C-
4. Not more than one Pre-Major course with a C-
5. No Pre-Major courses taken PASS/NOT PASS
6. Students must satisfy Pre-Major courses and GPA requirements prior to the completion of 144 total quarter units

**Only UC grades go into the Pre-Major GPA.** Transfer courses taken outside of UC may satisfy Pre-Major requirements, but they are not part of the Pre-Major GPA.

Because the criteria are subject to annual review and revision, transfer students should contact the department to obtain current information regarding specific additional criteria for admission to the full major. **Admission to the pre-major does not guarantee admission to full major status.**

**PRE-MAJOR**

**Area I courses:**

Psychology 1*

Mathematics 34A or 3A*

PSTAT 5A or equivalent*

Psychology 10A and 10B (must be taken at UCSB)*

* Students must complete PSY 1, MATH 34A or 3A, PSTAT 5A or equivalent, and CHEM 1A-1B prior to enrolling in PSY 10A, and PSY 10A is a prerequisite for PSY 10B. **Transfer students should complete these courses prior to transfer** so they can take PSY 10A at UCSB as soon as possible after transfer.

**Area II courses:**

Chemistry 1A-1B*

MCDB 1A or 6 and EEMB 2 or 7

* Students must complete PSY 1, MATH 34A or 3A, PSTAT 5A or equivalent, and CHEM 1A-1B prior to enrolling in PSY 10A, and PSY 10A is a prerequisite for PSY 10B. **Transfer students should complete these courses prior to transfer** so they can take PSY 10A at UCSB as soon as possible after transfer.

**PREPARATION FOR THE MAJOR**

**Area III courses:**

Four courses from the following: Anthropology 2, 5, 7; Earth Science 2, 3; EEMB 3; Environmental Studies 1, 2, 3; Geography 5; MCDB 20, 29; Chemistry 1C; Computer Science 8, 16; Mathematics 3B, 4A, 4B, 34B; Physics 1, 2, 3, 20; Comparative Literature 27; Economics 1, 2, 9; Linguistics 20, 50, 70; Philosophy 3, 4; Political Science 1; Religious Studies 15

**PRE-MAJOR REQUIREMENTS - AREA I**

****REFER TO TOP OF AGREEMENT**
Recommended to be completed prior to transfer

<table>
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<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
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<tr>
<td>PSY 1</td>
<td>Introduction to Psychology (4.00)</td>
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<tr>
<td>PSY 100</td>
<td>Introduction to Psychology (3.00)</td>
<td>Or</td>
</tr>
<tr>
<td>PSYC 100H</td>
<td>Honors Introduction to Psychology (3.00)</td>
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</table>
**REFER TO TOP OF AGREEMENT**
Recommended to be completed prior to transfer

<table>
<thead>
<tr>
<th>MATH 34A - Calculus for Social and Life Sciences (4.00)</th>
<th>MATH 150 - Calculus for the Biological, Management and Social Sciences (5.00)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Or</td>
<td></td>
</tr>
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</table>
| MATH 3A - Calculus with Applications, First Course (4.00) | MATH 180 - Single Variable Calculus I (4.00)  
|                                                        | Or                                                                           |
|                                                        | MATH 180H - Honors Single Variable Calculus I (4.00) |

**REFER TO TOP OF AGREEMENT**
Recommended to be completed prior to transfer

| PSTAT 5A - Statistics (5.00) | MATH 219 - Statistics and Probability (4.00)  
|                             | Or                                                                           |
|                            | MATH 219H - Honors Statistics and Probability (4.00) |

**REFER TO TOP OF AGREEMENT**

<table>
<thead>
<tr>
<th>PSY 10A - Research Methods in Psychology (5.00)</th>
<th>This course must be taken at the university after transfer</th>
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</thead>
<tbody>
<tr>
<td>PSY 10B - Statistical Methods in Psychology (5.00)</td>
<td>This course must be taken at the university after transfer</td>
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</table>

**PRE-MAJOR REQUIREMENTS - AREA II**

**REFER TO TOP OF AGREEMENT**
Recommended to be completed prior to transfer

| CHEM 1A - General Chemistry (3.00)  
| CHEM 1B - General Chemistry (3.00) | CHEM 200A - General Chemistry A (5.00)  
| And                                | And                                    |
|                                    | CHEM 200B - General Chemistry B (5.00)  
|                                    | Or                                     |
|                                    | CHEM 200AH - Honors General Chemistry AH (5.00)  
| And                                | And                                    |
|                                    | CHEM 200B - General Chemistry B (5.00) |

| MCDB 1A - Introductory Biology I (4.00)  
| EEMB 2 - Introductory Biology II - Ecology and Evolution (3.00) | BIOL 211 - Cellular and Molecular Biology (5.00)  
|                                                                | And                                    |
|                                                                | BIOL 212 - Animal Diversity and Ecology (5.00)  
|                                                                | And                                    |
|                                                                | BIOL 214 - Plant Diversity and Evolution (5.00) |

Or
PREPARATION FOR THE MAJOR - AREA III

Select 4 Course(s) from the following

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<th>Course Title</th>
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<td>Introductory Cultural Anthropology</td>
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<tr>
<td>ANTH 5</td>
<td>Introductory Biological Anthropology</td>
<td>4.00</td>
</tr>
<tr>
<td>ANTH 7</td>
<td>Introductory Biosocial Anthropology</td>
<td>4.00</td>
</tr>
<tr>
<td>CHEM 1C</td>
<td>General Chemistry</td>
<td>3.00</td>
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<tr>
<td>CMPSC 8</td>
<td>Introduction to Computer Science</td>
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<tr>
<td>CMPSC 16</td>
<td>Problem Solving with Computers</td>
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<tr>
<td>EARTH 2</td>
<td>Principles of Physical Geology</td>
<td>4.00</td>
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<tr>
<td>EARTH 3</td>
<td>Principles of Historical Geology</td>
<td>4.00</td>
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<tr>
<td>ECON 1</td>
<td>Principles of Economics-Micro</td>
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<td>ANTH 101</td>
<td>Introduction to Physical Anthropology</td>
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<tr>
<td>CHEM 200A</td>
<td>General Chemistry A</td>
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<tr>
<td>CHEM 200B</td>
<td>General Chemistry B</td>
<td>5.00</td>
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<td>CHEM 200AH</td>
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<td>CMPR 120</td>
<td>Introduction to Programming</td>
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<tr>
<td>CMPR 121</td>
<td>Programming Concepts</td>
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<td>CMPR 122</td>
<td>Programming Concepts and Methodology I</td>
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<td>EARTH 100</td>
<td>Physical Geology</td>
<td>3.00</td>
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<td>EARTH 100L</td>
<td>Physical Geology Laboratory</td>
<td>1.00</td>
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<td>ERTH 111</td>
<td>Historical Geology</td>
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<tr>
<td>ECON 101</td>
<td>Principles/ Micro</td>
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No Course Articulated
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<td>ECON 102</td>
<td>Principles/ Macro</td>
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<td>4.00</td>
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<tr>
<td>EEMB 3</td>
<td>Introductory Biology III</td>
<td>3.00</td>
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<td>BIOL 211</td>
<td>Cellular and Molecular Biology</td>
<td>5.00</td>
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<td>And</td>
<td>BIOL 212 - Animal Diversity and Ecology</td>
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<td>And</td>
<td>BIOL 214 - Plant Diversity and Evolution</td>
<td>5.00</td>
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<tr>
<td>ENV S 1</td>
<td>Introduction to Environmental Studies</td>
<td>4.00</td>
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<td>BIOL 200</td>
<td>Environment of Man</td>
<td>3.00</td>
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<tr>
<td>ENV S 2</td>
<td>Introduction to Environmental Science</td>
<td>4.00</td>
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<td>BIOL 259</td>
<td>Environmental Biology</td>
<td>4.00</td>
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<td>ENV S 3</td>
<td>Introduction to the Social and Cultural Environment</td>
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<td>GEOG 5</td>
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END OF AGREEMENT
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
    General Catalog, Quarter

From: Santiago Canyon College
    General Catalog, Semester

RELIGIOUS STUDIES, B.A.

GENERAL INFORMATION FOR ALL MAJORS

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RELIGIOUS STUDIES, B.A.

Please visit the department's website to learn more about this major: www.religion.ucsb.edu

PREPARATION FOR THE MAJOR:

Two lower-division Religious Studies courses, except language courses

Students may select 1 lower-division course from Area A and 1 lower-division courses from Area B. Alternatively, by petition students may select 2 lower-division courses from Area A, provided that they represent different cultural areas and traditions.

A. Introductions to Cultural Areas and Traditions: RG ST 3, 4, 5, 7, 14, 18, 19, 20, 21, 23, 25, 26, 31, 47, 61B, 71, 73, 80A-B-C, 84

B. Introductions to Topics in the Study of Religion: RG ST 1, 2, 6, 8, 9, 12, 15, 24, 27, 32, 33, 34, 35, 62, 74, 81, 82, 83, 85
### PREPARATION FOR THE MAJOR - AREA A

**Select 1 Course(s) from the following**

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<td><strong>RG ST 14</strong></td>
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<td>Introduction to Jewish Mysticism (4.00)</td>
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<td><strong>RG ST 31</strong></td>
<td>The Religions of Tibet (4.00)</td>
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## PREPARATION FOR THE MAJOR - AREA B

Select 1 Course(s) from the following:

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<td>Pilgrimage (4.00)</td>
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END OF AGREEMENT
Articulation Agreement
by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

RENAISSANCE STUDIES, B.A.

GENERAL INFORMATION FOR ALL MAJORS

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RENAISSANCE STUDIES, B.A.

Please visit the department's website to learn more about this major: www.renaissancesudies.ucsb.edu

PREPARATION FOR THE MAJOR:

History 2A (or 4A), 4B; or Art History 6A, 6B; or Religious Studies 80A, 80B

Recommended courses: Classics 20A, 20B; English 116A, 116B; French 50AX

A reading knowledge of Latin and a modern European language will be necessary for those who plan to continue their studies on the graduate level. However, they are not required for the major.

PREPARATION FOR THE MAJOR
HIST 2A - World History (4.00) ← HIST 101 - World Civilizations to the 16th Century (3.00)  
Or  
HIST 101H - Honors World Civilizations to the 16th Century (3.00)

And

HIST 4B - Western Civilization (4.00) ← No Course Articulated

Or

HIST 4A - Western Civilization (4.00)  
And

HIST 4B - Western Civilization (4.00)

Or

ARTHI 6A - Art Survey I: Ancient-Medieval Art (4.00) ← ART 101 - Survey of Western Art History I: Prehistory through the Middle Ages (3.00)  
And

ARTHI 6B - Art Survey II: Renaissance-Baroque Art (4.00)  
And

ART 102 - Survey of Western Art History II: Renaissance through the Twentieth Century (3.00)

Or

RG ST 80A - Religion and Western Civilization I: Ancient (4.00) ← No Course Articulated  
And

RG ST 80B - Religion and Western Civilization II: Medieval (4.00)

RECOMMENDED COURSES

CLASS 20A - The Ancient Greeks (4.00) ← No Course Articulated  
CLASS 20B - The Romans (4.00) ← No Course Articulated  
FR 50AX - Tales of Love in the Western Tradition (4.00) ← No Course Articulated

END OF AGREEMENT
Articulation Agreement
by Major
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General Catalog, Quarter

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General Catalog, Semester

SLAVIC LANGUAGES AND LITERATURES, B.A.

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SLAVIC LANGUAGES AND LITERATURES, B.A.

Please visit the department's website to learn more about this major: www.gss.ucsb.edu

PREPARATION FOR THE MAJOR:

Slavic 1, 2, 3, 4, 5, 6

Recommended: History 4A-B-C; Slavic 33

NOTE FOR NATIVE SPEAKERS

Students who were educated through grade 9 or above in a school where a language other than English was the primary language of instruction will not get transfer credit for lower-division college courses teaching that
language. Please contact the department about a language proficiency exam. **Performance on language proficiency exams may satisfy major requirements.**

## PREPARATION FOR THE MAJOR

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<td>SLAV 6</td>
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<td>HIST 4B</td>
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<tr>
<td>HIST 4C</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLAV 33</td>
<td>Russian Culture</td>
<td>4.00</td>
</tr>
<tr>
<td></td>
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</tr>
</tbody>
</table>

## END OF AGREEMENT
Articulation Agreement by Major

Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
   General Catalog, Quarter

From: Santiago Canyon College
   General Catalog, Semester

SOCIOLOGY, B.A.

GENERAL INFORMATION FOR ALL MAJORS

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Please note that the course "equivalencies" do not necessarily apply to UCSB general education. For information concerning satisfaction of UCSB general education requirements, please refer to the General Education/Breadth articulation agreement.

SOCIOLOGY, B.A.

Please visit the department's website to learn more about this major: www.soc.ucsb.edu

PRE-MAJOR INFORMATION

Students are admitted initially to Pre-Sociology, not directly to the major. Admission to the full major is contingent upon achievement of a grade point average of at least 2.3 in Area A and Area B courses completed at the University of California. **(Only UC grades go into the pre-major GPA. Transfer courses taken outside of UC may satisfy pre-major requirements, but they are not part of the pre-major GPA.)** Courses in Areas C and D will not be included in the pre-major GPA computation but must be taken for a letter grade and will influence the overall major GPA.

**Students must complete pre-major courses and achieve the minimum GPA requirements prior to the completion of 144 total quarter units. Courses in Area A and B must be completed with grades of "C-" or higher.** Because the criteria are subject to annual review and revision, transfer students should consult the
department directly to obtain current information regarding specific additional criteria for admission into the full major. **Admission to the pre-major does not guarantee admission to the full major.**

**PRE-MAJOR REQUIREMENTS**

**Area A.** Sociology 1 and one course from Communication 87, Psychology 5, PSTAT 5A-ZZ

**Area B.** Two courses from: History 2C, 4C, 8, 17B, 17C

**Area C.** Social Science Breadth Requirement: Two courses from the following: Anthropology 2, 7; Economics 2; Environmental Studies 2, 3; Geography 5; History 7, 17A; Political Science 1, 6, 7, 12; Philosophy 3, 4, 6, 7; Psychology 1

**Area D.** Diversity Requirement: One course from the following: Asian American Studies 1, 2, 7, 8; Black Studies 1, 3, 4, 5, 6, 50; Chicana/o Studies 1A-B-C; Feminist Studies 20, 30, 40, 50, 60, 80

**NOTE:** If a 2-semester US History series articulates with UCSB’s History 17A-B-C series, then that 2-semester series can satisfy History 17A for Area C and also satisfy History 17B and 17C for Area B.

**AREA A**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 1 - Introduction to Sociology (4.00)</td>
<td></td>
<td>Acceptable substitute</td>
</tr>
<tr>
<td>SOC 100 - Introduction to Sociology (3.00)</td>
<td></td>
<td>Acceptable substitute</td>
</tr>
<tr>
<td>SOC 100H - Honors Introduction to Sociology (3.00)</td>
<td></td>
<td>Acceptable substitute</td>
</tr>
</tbody>
</table>

**Select 1 Course(s) from the following**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 87 - Statistical Analysis for Communication (5.00)</td>
<td></td>
<td>Acceptable substitute</td>
</tr>
<tr>
<td>MATH 219 - Statistics and Probability (4.00)</td>
<td></td>
<td>Acceptable substitute</td>
</tr>
<tr>
<td>MATH 219H - Honors Statistics and Probability (4.00)</td>
<td></td>
<td>Acceptable substitute</td>
</tr>
<tr>
<td>PSY 5 - Introductory Statistics (5.00)</td>
<td></td>
<td>Acceptable substitute</td>
</tr>
<tr>
<td>MATH 219 - Statistics and Probability (4.00)</td>
<td></td>
<td>Acceptable substitute</td>
</tr>
<tr>
<td>MATH 219H - Honors Statistics and Probability (4.00)</td>
<td></td>
<td>Acceptable substitute</td>
</tr>
<tr>
<td>PSTAT 5A - Statistics (5.00)</td>
<td></td>
<td>Acceptable substitute</td>
</tr>
<tr>
<td>MATH 219 - Statistics and Probability (4.00)</td>
<td></td>
<td>Acceptable substitute</td>
</tr>
<tr>
<td>MATH 219H - Honors Statistics and Probability (4.00)</td>
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</table>

**AREA B**

**Select 2 Course(s) from the following**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>History 2C, 4C, 8, 17B, 17C</td>
<td></td>
<td>Acceptable substitute</td>
</tr>
<tr>
<td>Anthropology 2, 7; Economics 2; Environmental Studies 2, 3; Geography 5; History 7, 17A; Political Science 1, 6, 7, 12; Philosophy 3, 4, 6, 7; Psychology 1</td>
<td></td>
<td>Acceptable substitute</td>
</tr>
<tr>
<td>Asian American Studies 1, 2, 7, 8; Black Studies 1, 3, 4, 5, 6, 50; Chicana/o Studies 1A-B-C; Feminist Studies 20, 30, 40, 50, 60, 80</td>
<td></td>
<td>Acceptable substitute</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 2C</td>
<td>World History</td>
<td>4.00</td>
<td>HIST 102 - World Civilizations since the 16th Century (3.00) or HIST 102H - Honors World Civilizations since the 16th Century (3.00)</td>
</tr>
<tr>
<td>HIST 4C</td>
<td>Western Civilization</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>HIST 8</td>
<td>Introduction to History of Latin America</td>
<td>4.00</td>
<td>HIST 152 - Latin American History (3.00)</td>
</tr>
<tr>
<td>HIST 17B</td>
<td>The American People</td>
<td>4.00</td>
<td>HIST 120 - The United States to 1877 (3.00) and HIST 121 - The United States since 1877 (3.00) or HIST 120H - Honors The United States to 1877 (3.00) and HIST 121H - Honors The United States since 1877 (3.00)</td>
</tr>
<tr>
<td>HIST 17C</td>
<td>The American People</td>
<td>4.00</td>
<td>HIST 121 - The United States since 1877 (3.00) or HIST 121H - Honors The United States since 1877 (3.00)</td>
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</table>

**AREA C - SOCIAL SCIENCE BREADTH REQUIREMENT**

Select 2 Course(s) from the following

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<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Articulated</th>
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</thead>
<tbody>
<tr>
<td>ANTH 2</td>
<td>Introductory Cultural Anthropology</td>
<td>4.00</td>
<td>ANTH 100 - Introduction to Cultural Anthropology (3.00) or ANTH 100H - Honors Introduction to Cultural Anthropology (3.00)</td>
</tr>
<tr>
<td>ANTH 7</td>
<td>Introductory Biosocial Anthropology</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>ECON 2</td>
<td>Principles of Economics-Macro</td>
<td>4.00</td>
<td>ECON 102 - Principles/ Macro (3.00)</td>
</tr>
<tr>
<td>ENV S 2</td>
<td>Introduction to Environmental Science</td>
<td>4.00</td>
<td>BIOL 259 - Environmental Biology (4.00)</td>
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<tr>
<td>ENV S 3</td>
<td>Introduction to the Social and Cultural Environment</td>
<td>4.00</td>
<td>No Course Articulated</td>
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<tr>
<td>GEOG 5</td>
<td>People, Place and Environment</td>
<td>4.00</td>
<td>GEOG 102 - Cultural Geography (3.00)</td>
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<tr>
<td>HIST 7</td>
<td>Great Issues in the History of Public Policy</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>HIST 17A</td>
<td>The American People</td>
<td>4.00</td>
<td>HIST 120 - The United States to 1877 (3.00) or</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
<td>Articulated</td>
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<tr>
<td>HIST 120H</td>
<td>Honors The United States to 1877 (3.00)</td>
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<tr>
<td>POL S 1</td>
<td>Introduction to Political Philosophy (4.00)</td>
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<tr>
<td>POL S 6</td>
<td>Introduction to Comparative Politics (4.00)</td>
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<tr>
<td>POL S 7</td>
<td>Introduction to International Relations (4.00)</td>
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<tr>
<td>POL S 12</td>
<td>American Government and Politics (4.00)</td>
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<tr>
<td>POLT 101</td>
<td>Introduction to American Government (3.00)</td>
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<tr>
<td>PHIL 3</td>
<td>Critical Thinking (4.00)</td>
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<tr>
<td>PHIL 4</td>
<td>Introduction to Ethics (4.00)</td>
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<tr>
<td>PHIL 6</td>
<td>Professional and Business Ethics (4.00)</td>
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<tr>
<td>PHIL 7</td>
<td>Biomedical Ethics (4.00)</td>
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<tr>
<td>PSY 1</td>
<td>Introduction to Psychology (4.00)</td>
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<tr>
<td>AS AM 1</td>
<td>Introduction to Asian American History, 1850-Present (4.00)</td>
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<tr>
<td>AS AM 2</td>
<td>American Migration Since 1965: Asians and Others in the United States (4.00)</td>
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<td>AS AM 7</td>
<td>Globalization, Gender and Social Inequality in Asian America (4.00)</td>
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<tr>
<td>AS AM 8</td>
<td>Introduction to Asian American Gender and Sexuality (4.00)</td>
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<tr>
<td>BL ST 1</td>
<td>Introduction to African-American Studies (4.00)</td>
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<tr>
<td>BL ST 3</td>
<td>Introduction to African Studies (4.00)</td>
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<td>BL ST 4</td>
<td>Critical Introduction to Race and Racism (4.00)</td>
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<td>BL ST 5</td>
<td>Blacks and Western Civilization (4.00)</td>
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<td>BL ST 6</td>
<td>The Civil Rights Movement (4.00)</td>
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<td>BL ST 50</td>
<td>Blacks in the Media (4.00)</td>
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<td>CH ST 1A - Introduction to Chicano/a Studies (4.00)</td>
<td>HIST 124 - Mexican-American History in the United States (3.00)</td>
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<td>CH ST 1B - Introduction to Chicano/a Studies (4.00)</td>
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<td>CH ST 1C - Introduction to Chicano/a Studies (4.00)</td>
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<tr>
<td>FEMST 20 - Gender and Power: Introduction to Feminist Studies (4.00)</td>
<td>WMNS 101 - Introduction to Women's Studies (3.00)</td>
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<td>FEMST 30 - Women, Development, and Globalization (4.00)</td>
<td>No Course Articulated</td>
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<td>FEMST 40 - Women, Representation, and Cultural Production (5.00)</td>
<td>No Course Articulated</td>
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<tr>
<td>FEMST 50 - Global Feminisms and Social Justice (4.00)</td>
<td>No Course Articulated</td>
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<tr>
<td>FEMST 60 - Women of Color: Race, Class, and Ethnicity (4.00)</td>
<td>No Course Articulated</td>
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<tr>
<td>FEMST 80 - Introduction to LGBTQ Studies (4.00)</td>
<td>No Course Articulated</td>
<td></td>
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</tr>
</tbody>
</table>

Additional options for satisfying the Diversity Requirement in the Sociology, B.A. | No Course Articulated |

END OF AGREEMENT
Articulation Agreement
by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

SPANISH, B.A.

GENERAL INFORMATION FOR ALL MAJORS

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SPANISH, B.A.

Please visit the department's website to learn more about this major: www.spanport.ucsb.edu

PREPARATION FOR THE MAJOR

Second Language Learners

- Spanish 1, 2, 3, 4, 5, 6 (or equivalent or Spanish 25)
- Spanish 25 (prerequisite to all upper-division Spanish courses)
- Spanish 30
- A grade of "C" or better is required in Spanish 3, 4, 5, 6, and 25

Native/Heritage Speakers

- Spanish 16A and 16B (prerequisite to all upper-division Spanish courses)
- Spanish 30
- A grade of "C" or better is required in Spanish 16A and 16B
**NOTE FOR NATIVE SPEAKERS**

Students who were educated through grade 9 or above in a school where a language other than English was the primary language of instruction will not get transfer credit for lower-division college courses teaching that language. Please contact the department about a language proficiency exam. Performance on language proficiency exams may satisfy major requirements.

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**PREPARATION FOR THE MAJOR - SECOND LANGUAGE LEARNERS**

**REFER TO TOP OF AGREEMENT**

- **SPAN 1** - Elementary Spanish I (4.00)
  - And
- **SPAN 2** - Elementary Spanish II (4.00)
  - And
- **SPAN 3** - Elementary Spanish III (4.00)
  - Or equivalent

- **SPAN 4** - Intermediate Spanish I (4.00)
  - And
- **SPAN 5** - Intermediate Spanish II (4.00)
  - And
- **SPAN 6** - Intermediate Spanish III (4.00)
  - Or equivalent

- **SPAN 101** - Elementary Spanish I (5.00)
  - And
- **SPAN 102** - Elementary Spanish II (5.00)
- Or
- **SPAN 101A** - Elementary Spanish 1A (2.50)
  - And
- **SPAN 101B** - Elementary Spanish 1B (2.50)
  - And
- **SPAN 102** - Elementary Spanish II (5.00)
- Or
- **SPAN 101H** - Honors Elementary Spanish I (5.00)
  - And
- **SPAN 102** - Elementary Spanish II (5.00)

- **SPAN 201** - Intermediate Spanish I (5.00)
  - And
- **SPAN 202** - Intermediate Spanish II (5.00)

- **SPAN 25** - Advanced Grammar and Composition (4.00)

- **SPAN 30** - Introduction to Hispanic Literature (4.00)

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**PREPARATION FOR THE MAJOR - NATIVE/HERITAGE SPEAKERS**

See Note for Native Speakers below - transfer credit will not be awarded for courses articulating with Spanish 16A-B if the student was educated through grade 9 or above in a school where the language of instruction was Spanish.
**REFER TO TOP OF AGREEMENT**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Articulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 16A</td>
<td>Spanish for Heritage Speakers</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>SPAN 16B</td>
<td>Spanish for Heritage Speakers</td>
<td>4.00</td>
<td>No Course Articulated</td>
</tr>
<tr>
<td>SPAN 30</td>
<td>Introduction to Hispanic Literature</td>
<td>4.00</td>
<td>No Course Articulated</td>
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</tbody>
</table>

END OF AGREEMENT
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

STATISTICAL SCIENCE, B.A. & B.S.

GENERAL INFORMATION FOR ALL MAJORS

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STATISTICAL SCIENCE, B.A. & B.S.

Please visit the department's website to learn more about this major: www.pstat.ucsb.edu

PREPARATION FOR THE MAJOR:

Mathematics 3A, 3B, 4A, 4B (these courses must be completed with grades of "C" or better)

Mathematics 6A

Mathematics 8* (must be completed with a grade of "C" or better)

PSTAT 10 (must be completed with a grade of "C" or better)

Computer Science 16 (Computer Science 8 is a prerequisite for Computer Science 16 at UCSB)

* Either MATH 4A, 4B, 6A, or 6B must be completed with a grade of "B" or better in order to take MATH 8 at UCSB.
## Preparation for the Major

**Refer to top of agreement**

- **MATH 3A** - Calculus with Applications, First Course (4.00) → **MATH 180** - Single Variable Calculus I (4.00)  
  Or  
  **MATH 180H** - Honors Single Variable Calculus I (4.00)

**Refer to top of agreement**

- **MATH 3B** - Calculus with Applications, Second Course (4.00) → **MATH 185** - Single Variable Calculus II (4.00)

**Refer to top of agreement**

- **MATH 4A** - Linear Algebra with Applications (4.00) → **MATH 290** - Linear Algebra (3.00)  
  Or  
  **MATH 287** - Introduction to Linear Algebra and Differential Equations (5.00)

**Refer to top of agreement**

- **MATH 4B** - Differential Equations (4.00) → **MATH 295** - Differential Equations (3.00)  
  Or  
  **MATH 287** - Introduction to Linear Algebra and Differential Equations (5.00)

**Refer to top of agreement**

- **MATH 6A** - Vector Calculus with Applications, First Course (4.00) → **MATH 280** - Intermediate Calculus (4.00)

**Refer to top of agreement**

- **MATH 8** - Transition to Higher Mathematics (5.00) → No Course Articulated

**Refer to top of agreement**

- **PSTAT 10** - Introduction to Computing for Data Science (5.00) → No Course Articulated

**Refer to top of agreement**

- **CMPSC 16** - Problem Solving with Computers I (4.00) → **CMPR 121** - Programming Concepts (3.00)  
  Or  
  **CMPR 132** - Programming Concepts and Methodology II (3.00)

## Recommended

**Refer to top of agreement**

- **CMPSC 8** - Introduction to Computer Science (4.00) → **CMPR 120** - Introduction to Programming (3.00)  
  Or  
  **CMPR 122** - Programming Concepts and Methodology I (3.00)
END OF AGREEMENT
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Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
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From: Santiago Canyon College
General Catalog, Semester

THEATER, B.A.

GENERAL INFORMATION FOR ALL MAJORS

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THEATER MAJORS

The Department of Theater and Dance offers two degrees at the undergraduate level: a Bachelor of Fine Arts in Theater-Acting Emphasis, and a Bachelor of Arts in Theater. Both programs require completion of core courses in dramatic literature. The B.F.A. program prepares students for professional theater, professional conservatory programs, and Master of Fine Arts programs. **Students must audition for admittance to the highly selective B.F.A. program** and are continually reevaluated on their demonstrated ability, commitment, and potential talent. **The B.A. in Theater is a more broadly based degree, with a liberal arts orientation that allows students greater curricular choices.** B.A. students will choose a concentration in Design, Directing, Playwriting, Theater and Community, or Theater and Performance Studies. Consult the Department of Theater and Dance website concerning additional requirements for the concentrations: www.theaterdance.ucsb.edu/academics/undergrad/degrees/theater-concentrations

The Department of Theater and Dance evaluates transfer work to determine completion of lower division requirements for each major.

For more information, please see the department website: www.theaterdance.ucsb.edu
THEATER, B.A.

PREPARATION FOR THE MAJOR:

Theater 1

Two courses from: Theater 2A-B-C-D

Theater 5 or 19

Theater 7, 9, 22*, 23*, 25*, or 40

One unit Theater 29D** and two additional units from 29A-B-C**

Theater 49**

Theater 95

* Only 1 course (4 quarter units) from Theater 22, 23, 25 may be taken without completing Theater 19.

** Practicum and workshop equivalent courses will not automatically substitute for major credit until UCSB’s Theater and Dance department verifies that course topic was covered.

PREPARATION FOR THE MAJOR

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THTR 1</td>
<td>Play Analysis</td>
<td>4.00</td>
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Select 2 Course(s) from the following

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>THTR 2A</td>
<td>Performance in Global Contexts: Africa and the Caribbean</td>
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<tr>
<td>THTR 2B</td>
<td>Performance in Global Contexts: Asia</td>
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</tr>
<tr>
<td>THTR 2C</td>
<td>Performance in Global Contexts: Europe</td>
<td>4.00</td>
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<tr>
<td></td>
<td>No Course Articulated</td>
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</tr>
<tr>
<td>THTR 2D</td>
<td>Performance in Global Contexts: Latin America</td>
<td>4.00</td>
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</tr>
<tr>
<td>THTR 5</td>
<td>Introduction to Acting</td>
<td>3.00</td>
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<td></td>
<td>THEA 110 - Acting Fundamentals</td>
<td>3.00</td>
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<tr>
<td></td>
<td>Or</td>
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<tr>
<td>THTR 19</td>
<td>Design Fundamentals for Dance and Theatre</td>
<td>4.00</td>
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Select 1 Course(s) from the following

**REFER TO TOP OF AGREEMENT**

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<td>THTR 22</td>
<td>Scenic Design</td>
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<td>Course Code</td>
<td>Course Name</td>
<td>Credits</td>
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<tr>
<td>------------</td>
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<tr>
<td>THTR 23</td>
<td>Stage Lighting Design (4.00)</td>
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<td>THTR 25</td>
<td>Costume Design (4.00)</td>
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<tr>
<td>THTR 40</td>
<td>Theater Games (4.00)</td>
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<td>THTR 29D</td>
<td>Run Crew Practicum (1.00)</td>
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<td>- Articulates only with approval from department chair or advisor</td>
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**REFER TO TOP OF AGREEMENT**

**Select 2 Course(s) from the following**

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<td>- Articulates only with approval from department chair or advisor</td>
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<tr>
<td>THTR 29B</td>
<td>Lighting Practicum (1.00)</td>
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<td>No Course Articulated</td>
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<td>- Articulates only with approval from department chair or advisor</td>
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<tr>
<td>THTR 29C</td>
<td>Costume Practicum (1.00)</td>
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<td>- Articulates only with approval from department chair or advisor</td>
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**REFER TO TOP OF AGREEMENT**

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<tr>
<td>THTR 49</td>
<td>Theater Workshop (1.00 - 6.00)</td>
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<td>- Articulates only with approval from department chair or advisor</td>
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<td></td>
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<tr>
<td>THTR 95</td>
<td>Introduction to Stage Management (2.00)</td>
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END OF AGREEMENT
Articulation Agreement
by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
From: Santiago Canyon College
General Catalog, Quarter
General Catalog, Semester

THEATER, B.F.A. - ACTING EMPHASIS

GENERAL INFORMATION FOR ALL MAJORS

All transfer applicants must satisfy University of California admissions eligibility requirements as well as meeting campus admission selection criteria. Completing the UC transfer admission requirements in English and mathematics by the end of the fall term prior to the fall application quarter makes an applicant more competitive for admission to UCSB. All admission requirements must be completed by the end of spring prior to transfer. For more information on UC admissions eligibility requirements and admission to UCSB, please visit the Admissions website: www.admissions.ucsb.edu

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Please note that the course "equivalencies" do not necessarily apply to UCSB general education. For information concerning satisfaction of UCSB general education requirements, please refer to the General Education/Breadth articulation agreement.

THEATER MAJORS

The Department of Theater and Dance offers two degrees at the undergraduate level: a Bachelor of Fine Arts in Theater-Acting Emphasis, and a Bachelor of Arts in Theater. Both programs require completion of core courses in dramatic literature. The B.F.A. program prepares students for professional theater, professional conservatory programs, and Master of Fine Arts programs. Students must audition for admittance to the highly selective B.F.A. program and are continually reevaluated on their demonstrated ability, commitment, and potential talent. The B.A. in Theater is a more broadly based degree, with a liberal arts orientation that allows students greater curricular choices. B.A. students will choose a concentration in Design, Directing, Playwriting, Theater and Community, or Theater and Performance Studies. Consult the Department of Theater and Dance website concerning additional requirements for the concentrations:
www.theaterdance.ucsb.edu/academics/undergrad/degrees/theater-concentrations

The Department of Theater and Dance evaluates transfer work to determine completion of lower division requirements for each major.

For more information, please see the department website: www.theaterdance.ucsb.edu
THEATER, B.F.A. - ACTING EMPHASIS

PREPARATION FOR THE MAJOR:

Theater 1
Theater 5
One course from: Theater 2A-B-C-D
Theater 10A-B-C*
Theater 11A-B-C*
Theater 15A-B-C*
One unit Theater 29D** and two additional units from 29A-B-C**
Theater 49**
Two courses from: Dance 42A-B-C-D-E-F, 43A-B-C, 44A-B-C-D-E-F, 46

* An audition is required for acceptance and placement in the Theater B.F.A. Major credit for California community college courses is awarded based on audition performance.

** Practicum and workshop equivalent courses will not automatically substitute for major credit until UCSB's Theater and Dance department verifies that course topic was covered.

PREPARATION FOR THE MAJOR

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Articulation</th>
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<tr>
<td>THTR 1</td>
<td>Play Analysis (4.00)</td>
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<td>No Course Articulated</td>
</tr>
<tr>
<td>THTR 5</td>
<td>Introduction to Acting (3.00)</td>
<td></td>
<td>THEA 110 - Acting Fundamentals (3.00)</td>
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Select 1 Course(s) from the following

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>THTR 2A</td>
<td>Performance in Global Contexts: Africa and the Caribbean (4.00)</td>
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<tr>
<td>THTR 2B</td>
<td>Performance in Global Contexts: Asia (4.00)</td>
<td></td>
</tr>
<tr>
<td>THTR 2C</td>
<td>Performance in Global Contexts: Europe (4.00)</td>
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</tr>
<tr>
<td>THTR 2D</td>
<td>Performance in Global Contexts: Latin America (4.00)</td>
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</table>

**REFER TO TOP OF AGREEMENT**
Placement by audition

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Articulation</th>
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</thead>
<tbody>
<tr>
<td>THTR 10A</td>
<td>Movement for the Stage (2.00)</td>
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</tbody>
</table>

This course is never articulated

And
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Articulation Notes</th>
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</thead>
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<tr>
<td>THTR 10B</td>
<td>Movement for the Stage</td>
<td>2.00</td>
<td>This course is never articulated</td>
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<tr>
<td>THTR 10C</td>
<td>Movement for the Stage</td>
<td>2.00</td>
<td>This course is never articulated</td>
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Placement by audition

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<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>THTR 11A</td>
<td>Voice Laboratory</td>
<td>2.00</td>
<td>This course is never articulated</td>
</tr>
<tr>
<td>THTR 11B</td>
<td>Voice Laboratory</td>
<td>2.00</td>
<td>This course is never articulated</td>
</tr>
<tr>
<td>THTR 11C</td>
<td>Voice Laboratory</td>
<td>2.00</td>
<td>This course is never articulated</td>
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Placement by audition

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</thead>
<tbody>
<tr>
<td>THTR 15A</td>
<td>Fundamentals of Acting</td>
<td>4.00</td>
<td>This course is never articulated</td>
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<tr>
<td>THTR 15B</td>
<td>Fundamentals of Acting</td>
<td>4.00</td>
<td>This course is never articulated</td>
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<tr>
<td>THTR 15C</td>
<td>Fundamentals of Acting</td>
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<tbody>
<tr>
<td>THTR 29D</td>
<td>Run Crew Practicum</td>
<td>1.00</td>
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<tr>
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<td>Scenic Practicum</td>
<td>1.00</td>
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<tr>
<td>THTR 29B</td>
<td>Lighting Practicum</td>
<td>1.00</td>
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<td>THTR 29C</td>
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<tbody>
<tr>
<td>THTR 49</td>
<td>Theater Workshop</td>
<td>1.00 - 6.00</td>
<td>Articulates only with approval from department chair or advisor</td>
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<tr>
<td>DANCE 42A</td>
<td>Beginning Ballet</td>
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<td>DANCE 42B</td>
<td>Beginning Ballet</td>
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<td>No Course Articulated</td>
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<tr>
<td>DANCE 42C</td>
<td>Beginning Ballet</td>
<td>1.00</td>
<td>No Course Articulated</td>
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<tr>
<td>Course Code</td>
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<td>Credits</td>
<td>Articulation</td>
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<td>DANCE 42D</td>
<td>Continuing Ballet (2.00)</td>
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<td>DANCE 42E</td>
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<td>DANCE 42F</td>
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<td>DANCE 43A</td>
<td>Beginning Street Dance Forms (2.00)</td>
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<td>DANCE 43B</td>
<td>Beginning Street Dance Forms (2.00)</td>
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<td>DANCE 44A</td>
<td>Beginning Modern Dance (1.00)</td>
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<td>DANCE 44F</td>
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<td>DANCE 46</td>
<td>Introduction to Social Dance: History and Practice (2.00)</td>
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END OF AGREEMENT
Articulation Agreement by Major
Effective during the 2017-2018 Academic Year

To: University of California, Santa Barbara
General Catalog, Quarter

From: Santiago Canyon College
General Catalog, Semester

ZOOLOGY, B.S.

GENERAL INFORMATION FOR ALL MAJORS

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MAJORS IN THE BIOLOGICAL SCIENCES

Department of Ecology, Evolution, and Marine Biology (EEMB) majors: Aquatic Biology, B.S.; Biological Sciences, B.A. & B.S.; Ecology and Evolution, B.S.; Physiology, B.S.; Zoology, B.S.

Department of Molecular, Cellular, and Developmental Biology (MCDB) majors: Biochemistry-Molecular Biology, B.S.; Biological Sciences, B.A. & B.S.; Cell and Developmental Biology, B.S.; Microbiology, B.S.; Pharmacology, B.S.

PRE-MAJOR INFORMATION - Students are admitted initially to Pre-Biological Sciences, not directly to the major. Admission to the full major is contingent upon achievement of a grade point average of 2.0 or better in pertinent courses completed at the University of California. Because the criteria are subject to annual review and revision, interested students should consult the department directly to obtain current information regarding specific additional criteria for admission to the full major. **Admission to the pre-major does not guarantee admission to full major status.**

ADMISSION SELECTION CRITERIA - To be admitted to the Pre-Biological Sciences major, all transfer students must complete the following:
1. One year sequence of **General Chemistry with laboratory**, with no individual grade lower than "C"
2. Complete sequence of major-applicable **General Biology with laboratory**, with no individual grade lower than "C"
3. A cumulative **GPA of 2.7 or better** in the required courses listed above

For students to graduate within two years of transferring, we strongly recommend the completion of one year of organic chemistry with laboratory, one year of general physics with laboratory, and one year of calculus (or one semester each of calculus and statistics). Any of these courses completed with a grade lower than "C" might not satisfy course prerequisites at UCSB.

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**ZOOLOGY, B.S.**

Please visit the department's website to learn more about this major: [www.lifesci.ucsb.edu](http://www.lifesci.ucsb.edu)

**PREPARATION FOR THE MAJOR:**

Chemistry 1A-1AL-1B-1BL-1C-1CL (required prior to transfer, see Admission Selection Criteria above)

MCDB 1A-1AL-1B and EEMB 2-2L-3-3L (required prior to transfer, see Admission Selection Criteria above)

Mathematics 3A-3B or 34A-34B

One of the following: PSTAT 5LS or PSTAT 5A (Mathematics 4A acceptable, but not recommended)

Physics 6A-6AL-6B-6BL-6C-6CL

**Note:** Organic chemistry may be required by some graduate or professional schools. Consult with an advisor.

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**PREPARATION FOR THE MAJOR**

****REFER TO TOP OF AGREEMENT**

Complete entire sequence prior to transfer

Required for admission
**REFER TO TOP OF AGREEMENT**
Complete entire sequence prior to transfer
Required for admission

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<tr>
<th>EEMB 2</th>
<th>Introductory Biology II - Ecology and Evolution (3.00)</th>
<th>BIOL 211</th>
<th>Cellular and Molecular Biology (5.00)</th>
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<td>And</td>
<td>EEMB 2L - Introductory Biology Laboratory II (1.00)</td>
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<td>BIOL 212 - Animal Diversity and Ecology (5.00)</td>
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<td>Same-As</td>
<td>MCDB 1BL</td>
<td>And</td>
<td>BIOL 214 - Plant Diversity and Evolution (5.00)</td>
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<td>And</td>
<td>EEMB 3 - Introductory Biology III (3.00)</td>
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<td>And</td>
<td>EEMB 3L - Introductory Biology Laboratory III (1.00)</td>
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<td>And</td>
<td>MCDB 1A - Introductory Biology I (4.00)</td>
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<td>And</td>
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<td>And</td>
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<td>Calculus with Applications, First Course (4.00)</td>
<td>MATH 180</td>
<td>Single Variable Calculus I (4.00)</td>
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<td>And</td>
<td>MATH 185 - Single Variable Calculus II (4.00)</td>
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<td>Or</td>
<td>MATH 180H - Honors Single Variable Calculus I (4.00)</td>
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<td>And</td>
<td>MATH 185 - Single Variable Calculus II (4.00)</td>
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<tr>
<td>Or</td>
<td>MATH 34A - Calculus for Social and Life Sciences (4.00)</td>
<td>MATH 150</td>
<td>Calculus for the Biological, Management and Social Sciences (5.00)</td>
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<td>And</td>
<td>MATH 34B - Calculus for Social and Life Sciences (4.00)</td>
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<tr>
<td>PSTAT 5LS</td>
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<td>MATH 219</td>
<td>Statistics and Probability (4.00)</td>
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<tr>
<td>MATH 4A</td>
<td>Linear Algebra with Applications (4.00)</td>
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<td>- Acceptable; Not recommended</td>
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<tr>
<td>MATH 290</td>
<td>Linear Algebra (3.00)</td>
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<td>MATH 287</td>
<td>Introduction to Linear Algebra and Differential Equations (5.00)</td>
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END OF AGREEMENT