UCSD Sixth College General Education Requirements 2008-2009

Courses offered by the major department cannot overlap with the GE’s except for courses under the "Information Technology Fluency" and "Exploring Data" requirement.

Students are responsible for checking prerequisites and duplication of credit (students may not receive credit for courses covering the same material; please check the course descriptions carefully).

FRESHMAN CORE SEQUENCE (3 courses)

All students will take a three-quarter core sequence titled Culture, Art and Technology (CAT). CAT is a highly interdisciplinary sequence integrating learning in arts and humanities, social sciences, and science and engineering. Students must complete CAT 1-2-3 in order for letter grade. Sixth writing program cannot be replaced with college courses taken at any other institution. Please note that CAT 1, 2 and 3 should be completed in the freshman year or as soon as the Entry Level Writing Requirement has been completed.

CAT 1 (4 units)  CAT 2 (6 units)  CAT 3 (6 units)

INFORMATION TECHNOLOGY FLUENCY (1 course) Students may use a course in the major to satisfy this requirement. (AP Computer Science A or AB will satisfy the requirement)

All students must take CSE 3. Exceptions are made for
1. Engineering majors who are required to take either CSE 11 or CSE 8A and 8AL or MAE 9 or ECE 15 or SE 9.
2. Chemistry and Biology Bioinformatics majors who are required to take either CSE 11 or CSE 8A and 8 AL.
3. Computing in the Arts majors who are required to take either CSE 11 or CSE 8A and 8AL.
4. Math majors who are required to take either CSE 8A or CSE 11 or MAE 9.
5. Physics majors who are required to take MAE 9.
6. Cognitive Science majors who are required to take COGS 18.

The information Technology fluency requirement MUST BE TAKEN either in the fall or in the winter quarter of the freshman year because the requirement is a prerequisite for CAT 3.

BREADTH REQUIREMENTS – (12 courses)

(AP OR IB Credit may be used to satisfy only 1 course in each area)

Social Analysis - (2 Social Science Courses) - AP Economics (score of 4 or 5), Government (Score of 4 or 5), Psychology count toward 1 course. Choose two courses from two different academic fields:

<table>
<thead>
<tr>
<th>Lower-Division</th>
<th>Upper Division (Junior Standing):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthropology: ANTH 101-103, 194; ANBI 100, 110, 159; ANAR 100-121A, 143 &amp; 163 - 194S ANSC 100 - 125 &amp; 160 - 189</td>
<td></td>
</tr>
<tr>
<td>Cognitive Science: COGS 1 Linguistics: LIGN 101, 105, 174, 175, 177</td>
<td></td>
</tr>
<tr>
<td>Communication: COGN 20 Political Science: POLI 100A-170A</td>
<td></td>
</tr>
<tr>
<td>Economics: ECON 1, 3 Psychology: PSYC 10</td>
<td></td>
</tr>
<tr>
<td>Linguistics: LIGN 3, 4, 7, 8 Sociology: All SOCA, SOCC, SOCD</td>
<td></td>
</tr>
<tr>
<td>Political Science: POLI 10, 11, 12, 13 Ethnic Studies: ETHN 100 - 189</td>
<td></td>
</tr>
<tr>
<td>Psychology: PSYC 1, 2, 3, 4, 6</td>
<td></td>
</tr>
<tr>
<td>Sociology: SOCL 1A, 1B, 10, 20, 30, 40</td>
<td></td>
</tr>
</tbody>
</table>

Narrative, Aesthetic and Historical Reasoning - (2 Humanities Courses) - AP Art History, History, Foreign Language, Literature (non-English) count toward 1 course. Please note that any lower-division and upper-division language course including American Sign Language and Heritage Language courses can fulfill the NAHR requirement.

Choose 2 courses from the humanities:

<table>
<thead>
<tr>
<th>Lower-Division</th>
<th>Upper-Division (Junior Standing):</th>
</tr>
</thead>
<tbody>
<tr>
<td>History: HILD 2A, 2B, 2C, 7A, 7B, 7C, 10, 11, 12, 14 History: Any Upper Division History 100 - 189</td>
<td></td>
</tr>
<tr>
<td>Literature: LTCS 50, LTEN 21 - 29; LTWL 4A - M, 19ABC Judaic Studies: JUDA 100, 110, 111</td>
<td></td>
</tr>
<tr>
<td>Literature: Any Literature course taught in languages other than English. Language: Any upper-division course in any subject that includes a language component, such as American Sign Language or Heritage Language courses.</td>
<td></td>
</tr>
<tr>
<td>Any language course including American sign language and Heritage Language courses. Music: MUS 4, 6 - 12, 13AF, 13AM, 13AS, 14, 15</td>
<td></td>
</tr>
<tr>
<td>Philosophy: PHIL 1, 14, 15, 31, 32, 33 Religion: Study of: RELI 1</td>
<td></td>
</tr>
</tbody>
</table>

- The information Technology fluency requirement MUST BE TAKEN either in the fall or in the winter quarter of the freshman year because the requirement is a prerequisite for CAT 3.
**Analytic Methodologies/Scientific Method - (2 Science Courses)** - AP Biology, Chemistry, Environmental Science, and Physics (B or C exam) count toward 1 course. Choose 2 courses from Biology, Chemistry, Cognitive Science, Scripps Institution of Oceanography, Environmental Systems and Physics:

- Biology: BILD 1, 2, 3 (Chemistry required for BILD 1)
- BILD 7, 10, 12, 16, 18, 20, 22, 24, 26, 30, 32, 36 (Chemistry not required)
- Cognitive Science: COGS 17 (same as BILD 12)
- Chemistry: CHEM 6A, 6B, 6C (Honors CHEM 6AH, 6BH, 6CH) (Calculus based)
- CHEM 11, 12, 13, 15 (Not Calculus based)
- SIO 1, 10, 12, 15, 16, 20, 30, 35, 40
- Electrical & Computer Engineering: ECE 80
- Environmental Systems: ESYS 10
- Physics: PHYS 1A, 1B, 1C (Designed for Biology majors)
- PHYS 2A, 2B, 2C ( Designed for physical sciences and engineering majors, and biology majors with strong mathematical aptitude)
- PHYS 5 - 10, 12 (Designed for non-science majors, without calculus)
- PHYS 11 (Designed for non-science majors, with some calculus)

**Structured Reasoning - (1 Math/Logic Course)** - AP Calculus satisfies Structured Reasoning. Choose 1 Math/Logic course from Linguistics, Mathematics or Philosophy:

- Linguistics: LIGN 17
- Mathematics: MATH 4C
- MATH 10A, B or C: Calculus (For majors in the liberal arts, economics, and most biology majors except for molecular biology, which requires the 20 series and ecology, behavior, and evolution, which strongly recommends the 20 series)
- MATH 20A, B or C: Calculus for Science and Engineering (e.g., management science, mathematics, physics, psychology (B.S.) and some of the majors in biology)
- Philosophy: PHIL 10, 12

**Exploring Data - (1 Statistics Course)** - AP Statistics satisfies Exploring Data. Students may use a course in the major to satisfy this requirement. Choose one course in probability or statistical methods:

**Lower-Division**

- Cognitive Science: COGS 14 (Not calculus based)
- Mathematics: MATH 11 (co-requisite MATH 11L)
- Political Science: POLI 30 (Not calculus based)
- Psychology: ESB/SCI 60 (Not calculus based)
- Sociology: SOCY 60 (Not Calculus based)

**Upper-Division (Junior standing):**

- Bioengineering: BENG 100
- Biology - Ecology, Behavior, and Evolution: BIEB 100
- Economics: ECON 120A
- Electrical and Computer Engineering: ECE 109
- Mathematics: MATH 183
- Structural Engineering: SE 125

**Societal Contexts - (2 courses)**

**A. Social Context**

**Choose 1 Social Science course below:**

**Lower-Division:**

- Anthropology: ANTH 23
- Critical Gender Studies: CS 2A, 2B
- Ethnic Studies: ETHN 1A, 1B, 1C, 20

**Upper-Division (Junior Standing):**

- Anthropology: ANSC 130 - 137; ANAR 140 - 142, 144 & 153 - 158XL
- Critical Gender Studies: CS 100 - 113
- Sociology: SOCB 113, 114, 117, 118, 308A, 119, 127
- Ethnic Studies: ETHN 127

**B. Ethical Context**

**Choose 1 Ethics course below:**

**Lower-Division:**

- Philosophy: PHIL 13, PHIL 27*  
- Political Science: POLI 27*  
  * Must have completed CAT 3 and course only allows letter grade option

**Upper-Division (Junior Standing):**

- Anthropology: ANBI 132 (same as BIEB 176)
- Philosophy: PHIL 148, 160, 161, 162, 163, 164
- Sociology: SOCB 173

**Art Making - (2 Courses)** - AP Art (Studio), Music count toward 1 course

A total of 8 units from two different artistic genres are required; some courses may be taken from the same department. For more details please consult with Sixth College academic advisors:

**Lower-Division:**

- Literature: LTWR 8A, 8B, 8C
- Music: MUS 1A, 2A, 5, 32, 33, 95, 95D, 95J, 95JL, 95K, 95W
- Theatre and Dance: TDAC 1; TDMV 1-3; TDDE 1; TDPP 1
- Visual Arts: VIS 1, 2, 3, VIS 60, VIS/ICAM 40, VIS 70N

**Upper-Division (Junior Standing):**

- Music: MUS 130, 131, 132, 134
- Theatre and Dance: TDCH 140; TDDE 101, 111, 115, 121; RDD 101, 111; TDPW 101, 102, 104, TDMV 140
- Literature: LTWR 100 – 129

**UPPER DIVISION PRACTICUM**

The Practicum is an experiential learning activity that directly involves students with the topics they are studying. Practicum students apply their classroom knowledge to real-world problems via service learning, which combines service objectives with learning objectives. Please see details by going to the practicum section of our website (www.sixth.ucsd.edu)

**Practicum Writing Requirement - CAT 125 (4 units) - Must have completed CAT 1-2-3 and the practicum course/project before enrolling in CAT 125**

All students must enroll in CAT 125 - Sixth Writing Requirement for four letter grade units to fulfill the second component of the practicum requirement. It is an upper-division writing course that allows students to reflect on the Sixth College Practicum experience.