UCSD Sixth College General Education Requirements 2013-2014

Courses offered by the major department CANNOT overlap with the GE's except for courses under the "Information Technology Fluency", "Exploring Data", "Ethical Context" and "Practicum" requirements.

For B.A. and B.S degrees in arts & sciences, at least 11 of the GE courses must lie outside the major requirements, and for B.S. degrees in engineering, at least 9 of the GE courses must lie outside the major requirements.

- **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, science and engineering. Students must complete CAT 1-2-3 in order as they are prerequisites to each other. 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 (4 or 5) will satisfy the requirement.
  - Cognitive Science: COGS 3, 8
  - Computer Science and Engineering: CSE 3, 5A, 7, 11, CSE 8A/8AL
  - Electrical Engineering: ECE 15, 85
  - Mechanical Engineering: MAE 5, 8
  - Nano Engineering: NANO 15
  - Structural Engineering SE 9

  Note: CSE 8A and 8AL, CSE 11, ECE 15, MAE 8, 9, NANO 15 & SE 9 are required for engineering students. We encourage students who are not engineering majors to choose other courses.

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 (4 or 5), Government (4 or 5), Psychology (4 or 5) counts toward 1 course.
  Choose two courses from two different academic fields:

  **Lower-Division**
  - Anthropology: ANTH 1, 2, 3, 4, 20
  - Cognitive Science: COGS 1, 15
  - Communication: COMM 10
  - Economics: ECON 1, 3
  - Linguistics: LIGN 3, 4, 7, 8
  - Political Science: POLI 10, 11, 12, 13
  - Psychology: PSYC 1, 2, 3, 6
  - Sociology: SOCI 1, 2, 10, 20, 30, 40

  **Upper-Division (Junior Standing):**
  - Anthropology: ANTH 101-103, 194; ANBI 100, 110, 159; ANAR 100-121A, 140-142, 144, 153, 158XL, 163-194S; ANSC 100-112, 114-120, 124, 125, 130-133, 136, 137, 160, 160, 161, 163-189
  - Linguistics: LIGN 101, 105, 175, 177
  - Political Science: POLI 100A-170A; except POLI 100H, 100Q, 105A, 150A
  - Psychology: PSYC 101 – 110, 114 - 191
  - Ethnic Studies: ETHN 100 – 189; except ETHN 112A, 112B, 127, 130, 131, 190

- **Narrative, Aesthetic and Historical Reasoning (2 Humanities Courses)** - AP Art History (3, 4, or 5), History (3, 4, or 5), Foreign Language (3, 4, 5), Literature (non-English; 3, 4, or 5) counts toward 1 course. Choose 2 courses from the humanities:

  **Lower-Division:**
  - History: HILD 2A, 2B, 2C, 10, 11, 12, 14
  - Literature: LTCS 50; LTEN 21 - 26; LTWL 4A - M, 19ABC
  - Language:
    - Any Literature course taught in languages other than English:
      - Any language course including American sign language and Heritage Language courses.
      - Music: MUS 4, 6 - 12, 13AF, 13AM, 13AS, 14, 15
      - Philosophy: PHIL 1, 14, 15, 31, 32, 33
      - Religion, Study of: RELI 1
  - Theatre and Dance: TDGE 123 - 126; TDHD 171-174; TDHT 114
  - Third World Studies: TWS 132
  - Visual Arts: VIS 120A - D, 121AN, 121BN, 121E, 122AN - CN, 122D, 122E, 123AN, 124 AN - CN,125A, 125BN, 125DN, 126A - BN, 126I - K, 128A - F, 153, 158, 159
  - Interdisciplinary Computing & the Arts Major: ICAM 110, 150

- **Analytic Methodologies/Scientific Method (2 Science Courses)** - AP Biology (3, 4 or 5), Chemistry (3, 4, or 5), Environmental Science (4 or 5), and Physics B or C exam (3, 4 or 5) counts toward 1 course. Choose 2 courses from the sciences:

  - Biology: BILD 1, 2, 3 (Chemistry required for BILD 1)
  - BILD 7, 10, 12, 18, 20, 22, 24, 26, 30, 32, 36, 38 (Chemistry not required)
  - Cognitive Science: COGS 17 (same as BILD 12)
  - Chemistry: CHEM 4, 6A, 6B, 6C, 6AH, 6BH, 6CH (Calculus based)
  - CHEM 11, 12, 13, 15 (Not Calculus based)
  - SIO 1, 10, 12, 15, 16, 20, 25, 30, 35, 40, 45, 50
  - 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 mathematic aptitude)
  - PHYS 5 - 10, 12, 13 (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 AB or BC exam (3, 4, or 5) satisfies Structured Reasoning. Choose 1 course from Math/Logic:
- Linguistics: LIGN 17
- Mathematics: MATH 4C
- MATH 10A, B or C: Calculus (For majors in the liberal arts, economics (20 series recommended by department), 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 (3, 4, or 5) satisfies Exploring Data. Students may use a course in the major to satisfy this requirement. Choose 1 course in probability or statistical methods:

<table>
<thead>
<tr>
<th>Lower-Division</th>
<th>Upper-Division (Junior standing)</th>
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<tbody>
<tr>
<td>Cognitive Science: COGS 14B (Not calculus based)</td>
<td>Bioengineering: BENG 100</td>
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<tr>
<td>Mathematics: MATH 11 (co-requisite MATH 11L)</td>
<td>Biology - Ecology, Behavior, and Evolution: BIEB 100</td>
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<tr>
<td>Political Science: POLI 30 (Not calculus based)</td>
<td>Computer Science &amp; Engineering: CSE 103</td>
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<tr>
<td>Psychology: PSYC 60 (Not calculus based)</td>
<td>Economics: ECON 120A</td>
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<tr>
<td>Sociology: SOCI 60 (Not calculus based)</td>
<td>Electrical &amp; Computer Engineering: ECE 109</td>
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**Social Context (1 Course)** Courses for this requirement will satisfy the Social Context and the University-wide Diversity, Equity, and Inclusion Requirement (DEI). Choose 1 Social Science course below:

<table>
<thead>
<tr>
<th>Lower-Division</th>
<th>Upper-Division (Junior Standing)</th>
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<tbody>
<tr>
<td>Anthropology: ANTH 21, 23</td>
<td>Anthropology: ANSC 113, 122, 145, 162</td>
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<tr>
<td>Critical Gender Studies: CGS 2A</td>
<td>Critical Gender Studies: CGS 105, 112**</td>
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<tr>
<td>Ethnic Studies: ETHE 1, 2, 3</td>
<td>Education Studies: EDS 117**, EDS 130/139, EDS 136/139</td>
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<td>Literature: LTCS 130, LTEN 178, 181, 185, 186</td>
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<td>Music: MUS 150</td>
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<td>Philosophy: PHIL 170</td>
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<td>Political Science: POLI 100H, 100Q, 105A, 150A</td>
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<td>Religion, Study of: RELI 148</td>
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<td>Sociology: SOCI 117**, 127, 139</td>
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<td>Theater and Dance: TDGE 127, TDHT 103, 107, 109</td>
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<td>Urban Studies &amp; Planning: USP 129**</td>
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**The following courses are cross-listed:** ETHE 112A/HIUS 108A; ETHE 112B/HIUS 108B; ETHE 130/HIUS 158; ETHE 131/HIUS 159; ETHE 127/CGS 112; ETHE 190/USP 129; EDS 117/SOC 117

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**Ethical Context (1 Course)** - Students may use a course in the major to satisfy this requirement. Choose 1 Ethics course below:

<table>
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<tr>
<th>Lower-Division</th>
<th>Upper-Division (Junior Standing)</th>
</tr>
</thead>
<tbody>
<tr>
<td>History: HILD 30</td>
<td>Anthropology: ANBI 132 (same as BIEB 176)</td>
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<tr>
<td>Management: MGT 16</td>
<td>History: HISC 116; HITO 134</td>
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<td>Philosophy: PHIL 13, 26</td>
<td>Management: MGT 166</td>
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<td>Sociology: SOCI 138, 167</td>
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**Art Making (8 units)** - AP Art Studio (3, 4 or 5), Music (3, 4, or 5) counts 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 advising.

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<thead>
<tr>
<th>Lower-Division</th>
<th>Upper-Division (Junior Standing)</th>
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<tbody>
<tr>
<td>Literature: LTWR 8A, 8B, 8C</td>
<td>Literature: LTWR 100-129</td>
</tr>
<tr>
<td>Music: MUS 1A-C, 2A-C, 2AK, BK, CK/JK; 5, 32, 32V, VM; 33, 95B-E, 95C, JLK, L, W</td>
<td>Music: MUS 130, 131, 132, 132V, 133, 134</td>
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<tr>
<td>Theater and Dance: TDAC 1; TDMV 1-3, 11; TDDE 1; TDWP 1</td>
<td>Theatre and Dance: TDCH 140; TDDE 101, 111, 121</td>
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<tr>
<td>Visual Arts: VIS 1, 2, 3, 60, 70N; VIS/ICAM 40</td>
<td>TDWP 101, 102, 104; TDMV 138, 140, 142-144; TDDR 101, 111</td>
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**UPPER DIVISION REQUIREMENTS (2 courses)**

**Practicum Course/Project (4 units)** - The Practicum capstone project embodies the College’s commitment to active, hand-on learning by connecting students’ academic education to community experiences. Students choose a 4-unit course, internship, research opportunity, or study abroad program for their Practicum project that develops both their academic and professional skills. Students MUST submit a proposal the quarter BEFORE taking their Practicum. Please visit [http://sixth.ucsd.edu/practicum](http://sixth.ucsd.edu/practicum) for more information.

**CAT 125 (4 units)** – **Public Rhetoric and Practical Communication** – CAT 125 is an upper-division composition course in public rhetoric and practical communication, including oral presentation, academic writing in print formats, and digital content-creation. It can be taken before, during, or after the Practicum. Please visit [http://sixth.ucsd.edu/practicum/cat125/index.html](http://sixth.ucsd.edu/practicum/cat125/index.html) for more information.