# UCSD Sixth College General Education Requirements 2014-2015

## 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. The Sixth College Freshman Core Sequence cannot be replaced with college courses taken at other institutions. CAT 1, 2 and 3 should be completed in the freshman year. All entering freshman students complete CAT 1 in fall quarter. The Entry Level Writing Requirement must be completed to continue in CAT 2.

<table>
<thead>
<tr>
<th>CAT 1 (4 units - FA)</th>
<th>CAT 2 (6 units - WI)</th>
<th>CAT 3 (6 units - SP)</th>
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<tbody>
<tr>
<td>Cognitive Science: COGS 3, 8</td>
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<tr>
<td>Computer Science and Engineering: CSE 3, 5A, 7, 8A, 11</td>
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<tr>
<td>Electrical and Computer Engineering: ECE 15, 85</td>
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<tr>
<td>Mechanical Engineering: MAE 5, 8</td>
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<tr>
<td>NanoEngineering: NANO 15/CENG 15</td>
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<td>Structural Engineering: SE 9</td>
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## Information Technology Fluency (1 course) – A score of 4 or 5 AP Computer Science A or AB will satisfy this requirement.

Cognitive Science: COGS 3, 8
Computer Science and Engineering: CSE 3, 5A, 7, 8A, 11
Electrical and Computer Engineering: ECE 15, 85
Mechanical Engineering: MAE 5, 8
NanoEngineering: NANO 15/CENG 15
Structural Engineering: SE 9

## BREADTH REQUIREMENTS (10 courses)

### Social Analysis (2 Social Science Courses) – A score of 4 or 5 on AP Economics, Government, or Psychology can be used towards satisfying this requirement. Choose two courses from two different academic fields:

- Anthropology: ANAR 100-121A, 140-142, 144, 145, 153, 158X, 163-194S; ANBI 100, 110, 132, 159; ANSC 100-125, 130-133, 136, 137, 145, 160-189; ANTH 1-4, 20-23, 101-103, 132, 194
- Cognitive Science: COGS 1, 15
- Communication: COMM 10
- Critical Gender Studies: CGS 2A, 2B, 105, 112, 114, 115, 147, 150
- Economics: ECON 1-3
- Education Studies: EDS 117, 126
- Ethnic Studies: ETHN 1-3, 20, 100-189
- Linguistics: LIGN 3, 4, 7, 8, 101, 105, 174, 175, 177
- Management, Rady School of: MGT 16, 18, 166
- Political Science: POLI 10-13, 100A-170A
- Psychology: PSYC 1-7, 101-110, 114-191

### Narrative, Aesthetic and Historical Reasoning (2 Humanities Courses) – A score of 3, 4 or 5 on AP Art History, History, Foreign Language, or Literature (non-English) can be used towards satisfying this requirement.

- History: HI 100-189; HILD 2A-2C, 7A-7C, 10-12, 14, 30
- Judaic Studies: JUDA 110, 130, 131
- Linguistics: Any Linguistics course taught in languages other than English (with the exception of LIDS)
- Literature: Any Literature course taught in languages other than English; LT 100-189 except LTWR 100-129; LTCS 50; LTEN 21-29; LTWL 4A-4M, 19A-19C
- Music: MUS 4, 6-12, 13AF, 13AM, 13AS, 14, 15, 111, 114, 115, 126, 127A, 127B, 150
- Philosophy: PHIL 1, 13-15, 26, 31-33, 148, 160-164, 170
- Religion, Study of: RELI 1, 2, 101, 110A, 110B, 111-113, 148
- Theatre and Dance: TDGE 1, 10, 11, 25, 27, 123-127; TDHD 171-174; TDHT 10, 21-23, 103, 107, 109, 114
- Third World Studies: TWS 21-26, 132
- Visual Arts: VIS 20-22, 84, 120A-D, 121AN, 121B, 121E, 122AN-CN, 122D, 122E, 123AN, 124AN-CN, 125A, 125BN, 125DN, 126AN-BN, 126I-K, 128A-F, 153, 158, 159

Updated 4/3/2015
**Analytic Methodologies/Scientific Method (2 Science Courses)** – A score of 3, 4 or 5 on AP Biology, Chemistry, or Physics B or C, or a score of 4 or 5 on AP Environmental Science can be used towards satisfying this requirement.

- Biology: BILD 1-3, 7-38
- Cognitive Science: COGS 17
- Chemistry: CHEM 4, 6A-6C, 6AH-6CH, 11-13, 15
- Electrical and Computer Engineering: ECE 80
- Environmental Systems: ESYS 10
- Physics: PHYS 1A-1C, 2A-2C, 4A-4E, 5-13
- Scripps Institute of Oceanography: SIO 1-50

**Structured Reasoning (1 Math/Logic Course)** – A score of 3, 4 or 5 on AP Calculus AB or BC exam satisfies this requirement.

- Linguistics: LIGN 17
- Mathematics: MATH 4C, 10A-10C, 20A-20C
- Philosophy: PHIL 10, 12

**Exploring Data (1 Statistics Course)** – A score of 3, 4 or 5 on AP Statistics satisfies this requirement.

- Bioengineering: BENG 100, 134
- Biology: BIEB 100
- Chemical Engineering: CENG 100, 114
- Cognitive Science: COGS 14B, 109
- Computer Science and Engineering: CSE 103
- Economics: ECON 120A
- Electrical and Computer Engineering: ECE 109
- Mathematics: MATH 11/11L, 180A, 183, 186
- Mechanical Engineering: MAE 108, 127
- NanoEngineering: NANO 114
- Political Science: POLI 30
- Psychology: PSYC 60
- Sociology: SOCI 60
- Structural Engineering: SE 125

**Art Making (8 units)** – A score of 3, 4 or 5 on AP Art Studio or Music can be used towards satisfying this requirement.

- Literature: LTWR 8A-8C, LTWR 100-129
- Theater and Dance: TDAC 1; TDCH 140; TDDE 1, 101, 111, 121; TDDR 101,111; TDMV 1-3, 11, 110-190; TDPW 1, 101, 102, 104
- Visual Arts: VIS 1-3, 60, 70N; VIS/ICAM 40

**UPPER DIVISION REQUIREMENTS (2 courses)**

**Practicum Course/Project (4 units)**

The Sixth College Practicum is an upper-division, general education requirement that embodies the College’s commitment to active, hands-on learning. It is an opportunity for students to integrate theory and practice by making connections between classroom learning and community experiences, both locally and abroad. Sixth College 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. Many Practicum options require students to submit a proposal the quarter BEFORE taking their Practicum. Please visit http://sixth.ucsd.edu/practicum for more information.

**CAT 125: Public Rhetoric and Practical Communication (4 units)**

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. Please visit http://sixth.ucsd.edu/practicum/cat125/index.html for more information.

*Courses offered by the major department can overlap with General Education requirements.*