

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/CENG 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, 4, 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

Ethnic Studies:ETHN100 – 189; **except** ETHN110, 112A, 112B, 127, 130, 131, 182, 190

Linguistics: LIGN 101, 105, 174, 175, 177

Political Science: POLI 100A-170A; **except** POLI 100H, 100O, 100Q, 105A, 150A

Psychology: PSYC 101 – 110, 114 - 191

Sociology: SOCI 100-112, 115, 118E, 120T-125, 129-137, 172, 174-189

Narrative, Aesthetic and Historical Reasoning (2 Humanities Courses) - AP Art History (3, 4, or 5), History (3, 4, or 5), Foreign Language (3, 4, or 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

Literature:

Any Literature course taught in languages other than English Language:

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 1, 10, 11, 25, 27; TDHT 10, 21 - 23

Third World Studies: TWS 21 - 26

Visual Arts: VIS 20 - 22, 84

Upper-Division (Junior Standing):

History: Any Upper Division 100 – 189; **except** HIUS 108A, 108B, 113, 128, 136, 158, 159, 180; HISC 116; HITO 134

Judaic Studies: JUDA 100, 110, 111

Literature: LT 100 – 189; **except** LTCS 130, LTEN 178, 181, 185, 186; LTWR 100 – 129

Music: MUS 111, 114, 115, 126, 127A, 127B

Religion, Study of: RELI 110A, 110B, 111, 112, 113

Theatre and Dance: TDGE 123 - 126; TDHD 171-174; TDHT 114

Third World Studies: TWS 132

Visual Arts: VIS 120A - D, 121AN, 121B, 121E, 122 AN - CN, 122D, 122E, 123AN,

124 AN - CN, 125A, 125BN, 125DN, 126AN - 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:

Lower-Division

Cognitive Science: COGS 14B (Not calculus based)
Mathematics: MATH 11 (co-requisite MATH 11L)
Political Science: POLI 30 (Not calculus based)
Psychology: PSYC 60 (Not calculus based)
Sociology: SOCI 60 (Not Calculus based)

Upper-Division (Junior standing):

Bioengineering: BENG 100
Biology - Ecology, Behavior, and Evolution: BIEB 100
Computer Science & Engineering: CSE 103
Economics: ECON 120A
Electrical & Computer Engineering: ECE 109
Mathematics: MATH 180A, 183, 186
Mechanical Engineering: MAE 108, 127
Structural Engineering: SE 125

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:

Lower-Division:

Anthropology: ANTH 21, 23
Critical Gender Studies: CGS 2A
Ethnic Studies: ETHN 1, 2, 3, 20
History: HILD 7A, 7B, 7C
Literature: LTEN 27, 28, 29
Management: MGT 18
Urban Studies & Planning: USP 3

Upper-Division (Junior Standing):

Anthropology: ANSC 113, 122, 145, 162
Critical Gender Studies: CGS 105, 112**
Communication: COMM 102D**
Education Studies: EDS 117**, EDS 126**, EDS 130/139, EDS 136/139, 137/139
Ethnic Studies: ETHN 110, 112A**, 112B**, 127**, 130, 131**, 182, 190**
History: HIUS 108A**, 108B**, 113, 128, 136, 158**, 159**, 180
Human Development: HDP 135**
Literature: LTCS 130, LTEN 178, 181, 185, 186
Music: MUS 150
Philosophy: PHIL 170
Political Science: POLI 100H, 100O, 100Q, 105A, 150A
Religion, Study of: RELI 148
Sociology: SOCI 117**, 126**, 127, 139
Theater and Dance: TDGE 127, TDHT 103, 107, 109
Urban Studies & Planning: USP 129**

** The following courses are cross-listed: ETHN 112A/HIUS 108A; ETHN 112B/HIUS 108B; ETHN 130/HIUS 158; ETHN 131/HIUS 159; ETHN 127/CGS 112; ETHN 190/USP 129; EDS 117/SOC 117; EDS 126/SOCI 126, COMM 102D/HDP 135

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

Choose 1 Ethics course below:

Lower-Division:

History: HILD 30
Management: MGT 16
Philosophy: PHIL 13, 26
Urban Studies & Planning: USP 2

Upper-Division (Junior Standing):

Anthropology: ANBI 132 (same as BIEB 176)
History: HISC 116; HITO 134
Management: MGT 166
Philosophy: PHIL 148, 160, 161, 162, 163, 164
Sociology: SOCI 138, 167

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.

Lower-Division:

Literature: LTWR 8A, 8B, 8C
Music: MUS 1A-C, 2A-C, 2AK, BK, CK,JK; 5; 32, 32V,VM; 33; 95B-G, 95JC, JL,K, L, W
Theater and Dance: TDAC 1; TDMV 1-3, 11; TDDE 1 ; TDPW 1
Visual Arts: VIS 1, 2, 3, 60, 70N; VIS/ICAM 40

Upper-Division (Junior Standing):

Literature: LTWR 100-129
Music: MUS 130, 131, 132, 132V, 133, 134
Theatre and Dance: TDCH 140; TDDE 101, 111, 121;
TDPW 101, 102, 104; TDMV 138, 140, 142-144; TDDR 101, 111

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> 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> for more information.