UCSD Sixth College General Education Requirements 2014-2015

Courses offered by the major department can overlap with the GE's.

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)- 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
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 (10 courses)

☐ Social Analysis (2 Social Science Courses) - AP Economics (4 or 5), Government (4 or 5), Psychology (4 or 5) can be used towards satisfying the requirement. Choose two courses from two different academic fields:

Lower-Division
Anthropology: ANTH 1, 2, 3, 4, 20, 21, 23
Cognitive Science: COGS 1, 15
Communication: COMM 10
Critical Gender Studies: CGS 2A
Economics: ECON 1, 3
Ethnic Studies: ETHN 1, 2, 3
Linguistics: LIGN 3, 4, 7, 8
Management, Rady School of: MGT 18
Political Science: POLI 10, 11, 12, 13
Psychology: PSYC 1, 2, 3, 4, 6
Sociology: SOCI 1, 2, 10, 20, 30, 40
Urban Studies & Planning: USP 2, 3

Upper Division (Junior Standing):
Anthropology: ANTH 101-103, 194; ANBI 100, 110, 132,159; ANAR 100-121A, 140- 142, 144, 153, 158XL, 163 - 194S; ANSC 100-125, 130-133, 136, 137, 145, 160-189
Ethnic Studies: ETHN 100 – 189
Linguistics: LIGN 101, 105, 174, 175, 177
Management, Rady School of: MGT 166
Political Science: POLI 100A-170A
Psychology: PSYC 101 – 110, 114 - 191
Sociology: SOCI 100-112, 115, 117, 118E, 120T-125, 127, 129-137, 139, 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) can be used towards satisfying the requirement. Choose 2 courses from the humanities:

Lower-Division:
History: HILD 2A, 2B, 2C, 7A, 7B, 7C, 10, 11, 12, 14, 30
Literature: LTCS 50; LTEN 21 - 29; 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, 13, 14, 15, 31, 32, 33
Religion, Study of: RELI 1, 2
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
Judaic Studies: JUDA 100, 110, 111
Literature: LT 100 – 189; **except** LTWR 100 – 129
Music: MUS 111, 114, 115, 126, 127A, 127B, 150
Philosophy: PHIL 170
Religion, Study of: RELI 101, 110A, 110B, 111, 112, 113, 148
Theatre and Dance: TDGE 123 - 127; TDHD 171-174; TDHT 103, 107, 109, 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) can be used towards satisfying the requirement. 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. 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, 134
Biology - Ecology, Behavior, and Evolution: BIEB 100
Chemical Engineering: CENG 100, CENG 114**
Cognitive Science: COGS 109
Computer Science & Engineering: CSE 103
Economics: ECON 120A
Electrical & Computer Engineering: ECE 109
Mathematics: MATH 180A, 183, 186
Mechanical Engineering: MAE 108, 127
Nano Engineering: NANO 114**
Structural Engineering: SE 125

**The following courses are cross-listed: CENG 114/NANO 114

☐ **Art Making (8 units)** - AP Art Studio (3, 4 or 5), Music (3, 4, or 5) can be used towards this GE area. Choose from the courses below.

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. Most 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 (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.