

## Sixth College

The theme of Sixth College, *Culture, Art, and Technology*, was motivated by the rich intellectual challenges inherent in the intersection of technology, culture, and the arts. The educational philosophy exploits the college theme to create a curriculum that will prepare students for a future that demands ethical integrity; teamwork skills; ability to adapt to rapid change; aptitude to think abstractly; the competence to acquire, process, and evaluate new information critically; and the proficiency to communicate across disciplinary boundaries. To achieve this goal, Sixth College will create a learning environment, both inside and outside the classroom, which will emphasize collaborative learning, pattern recognition, deductive reasoning and creative imagination, and the ability to hypothesize, interpret, and express thoughts and ideas through the effective use of communication tools that include the digital medium. Sixth College will provide the skills necessary for life-long learning, including fluency with information technology and information literacy, and the crucial ability to seek out and learn from experts.

On campus and off, students will be linked in many ways—by digital media, by social and local engagement, by cultural and intellectual projects—so that Sixth College becomes an identifiable, sustaining community that is always reaching out to others.

A fundamental underpinning of the Sixth College philosophy is to create a sense of students' connectedness to the college, to UCSD, and the community at large by creating virtual communities. For example, we will create "Study Rooms" that will include a series of short video streamed lectures. The user will be able to watch and listen to a professor's lectures in any order, and each lecture will feature visual images, outlines, and charts to enrich the user's understanding and enjoyment. Along with the illustrated lectures, the study room will link students to an array of Web sites selected by the faculty as sources of additional information. Each room will have a reference section, with an annotated list of suggested books, articles, journals, films, and other ancillaries prepared by the faculty.

Sixth College challenges students to examine the multi-dimensional interactions between

culture, art, and technology, in order to imagine the future and create new forms of inquiry and communication. Teamwork, artistic expression, interdisciplinary ways of thinking and knowing, and multicultural awareness are core educational goals.

Sixth College students will be encouraged to engage with the outlying community. More than an ethical obligation to service, such an engagement is integral to the process of learning to listen across cultures and to consider implications of diverse agencies of change. Sixth College is committed to pioneer meaningful application of evolving technologies inside and outside the classroom. For example, wireless communication technology will be incorporated into the very design of this college's physical infrastructure and curricular planning, allowing Sixth College to pioneer radically new teaching, communication, community, and life-long learning paradigms. The Sixth College community will collectively and consistently be reflecting upon itself. Through "Active Research," students may study how they and their Sixth College companions learn in and beyond the classroom. This research will become the basis for shifts in the curriculum, teaching methods, modes of administration, and residence hall culture. Our students will help continuously transform Sixth College.

### Culture, Art, and Technology

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. It introduces students to thinking across disciplines so they can identify interactions, recognize patterns, and provide opportunities for learning by inquiry in a collaborative environment. Exercises and instruction that develop fluency with information technology and information literacy, as well as writing and communication skills, will be embedded in the core sequence.

### General-Education Requirements

The Sixth College breadth requirements have three primary goals: (1) to produce breadth of knowledge and connections across that breadth, (2) to encourage creative imagination, and (3) to accomplish these activities from an ethically informed perspective. The aim is to allow students to discover the richness of UCSD's academic life and to see relationships among the sciences, social sciences, engineering, arts, and the humanities. Because Sixth College emphasizes cross-disciplinary ways of thinking, it is critical for students to appreciate the different modes of inquiry within academic disciplines. For information about courses available to satisfy the general-education requirements, please visit the academic advising office in the Sixth Administration Building or check the Web site at [sixth.ucsd.edu](http://sixth.ucsd.edu).

1. **Culture, Art, and Technology:** Three courses. Core Sequence CAT 1, 2, and 3. Includes two (6 unit) quarters of intensive instruction in university-level writing.
2. **Computing Requirement:** One course. This requirement may be satisfied with courses from a variety of departments, including CAT 4.
3. **Modes of Inquiry:** Seven courses. Two courses in social sciences, two courses in humanities, two courses in natural sciences, one course in math/logic (different options available for science and non-science majors).
4. **Understanding Data:** One course in statistical methods (different options available for science and non-science majors).
5. **Societal and Ethical Contexts:** Two courses. One course in ethnic or gender studies AND one course in ethics.
6. **Art Making:** Two courses in literature, music, theatre (including dance), or visual arts.
7. **Practicum:** Students must complete an upper-division project, and present the project with a two-unit course in Practicum Communication. See the Sixth College advising center for details. For B.A. and B.S. degrees in arts and sciences, at least eleven of the

general education courses must lie outside the requirements specified by one of the student's major departments or programs. For B.S. degrees in engineering, at least nine of the courses must lie outside the major requirements.

### ***Graduation Requirements***

In order to graduate from Sixth College all students must:

1. Satisfy the University of California requirements in Subject A and American History and Institutions (See Academic Regulations: Subject A; and American History and Institutions).
2. Satisfy the general-education requirements.
3. Successfully complete a major according to all regulations of that department.
4. Complete a minimum of fifteen upper-division courses (60 units).
5. Pass at least 180 units for the B.A./B.S. degree. No more than 3 units in physical education (activity) courses may count toward graduation.
6. Attain a C average (2.0) or better in all work attempted at the UC. Departmental requirements may differ. Students are responsible for checking with the department of the major for all regulations.
7. Meet the senior residence requirement. (See Academic Regulations: Senior Residence).

### ***Transfer Students***

Transfer students will be admitted to Sixth College beginning in fall 2004. Please see an academic counselor at Sixth for details.

### ***Majors and Minors***

**Majors:** Sixth College students may pursue any of the departmental or interdisciplinary majors offered at UCSD. The majority of the academic departments have established lower-division prerequisites. Generally, these prerequisites must be completed prior to entry into upper-division major courses. Many of these courses may count for general-education credit as well. Students are strongly encouraged to work closely with department faculty and college advisers. For details on the specific major departments, refer to the "Courses, Curricula, and Programs of Instruction" section of this catalog.

**Minors** are optional. However, students are encouraged to keep as many options open as possible. A minor provides an excellent opportunity to complement the major field of study.

Students are required to complete twenty-eight units of interrelated work, of which at least twenty units must be upper-division.

### ***Pass/Not Pass Grading Option***

Some general-education requirements may be fulfilled by courses taken on the Pass/Not Pass basis. Sixth College students are reminded that major requirements and prerequisites must be taken on a graded basis. In accordance with University Academic Regulations, the total number of Pass/Not Pass units may not exceed one-fourth of a student's total UCSD units.

### ***Honors***

Quarterly provost's honors, honors at graduation, departmental honors, and Phi Beta Kappa honors are awarded. For additional information see "Honors" in the index.