Graduate and Professional Education

Admission

Office of Admission and Financial Aid
(213) 740-1111
gradadm@usc.edu

At the graduate level, admission to graduate and professional programs is granted by the dean of the school conferring the degree. Only a letter from the Office of Admission constitutes an official offer of admission; correspondence with department chairs or individual faculty members does not constitute admission.

The University of Southern California admits qualified men and women as students regardless of race, color, religion, gender, national origin, age, handicap, sexual orientation or status as a disabled veteran. After admission, students are accorded equal rights to participate in all university-sponsored programs and activities. The university does not discriminate on the basis of race, color, religion, gender, national origin, age, handicap, sexual orientation or status as a disabled veteran in the administration of its educational policies, scholarship and loan programs, athletics and other student activities.

Application
The USC Application for Graduate Admission should be used by applicants to all programs except Dentistry, Law, Medicine, the master's and Ph.D. degree programs in the Marshall School of Business, the Doctor of Pharmacy degree program and the master's degree in the Leventhal School of Accounting. Applicants to these programs should obtain forms directly from the schools to which they seek admission.

Applicants with Disabilities
In compliance with the Rehabilitation Act (Section 504) and the Americans with Disabilities Act (ADA), USC offers equal access to its degree programs to academically qualified applicants with physical, psychological or learning disabilities. Applicants will be expected to have demonstrated by their record in a college preparatory high school curriculum, or in an appropriate transferable college course of study, that they can perform well in a competitive academic environment. See page 22 and page 33 for a discussion of possible accommodations. USC is committed to providing appropriate, reasonable accommodations to students with disabilities.

Retention of Records
Credentials submitted to the Office of Admission become the property of the university and cannot be returned to the student or duplicated for any purpose.

Conditional Admission
Conditional admission is a status for those students who have not yet met all requirements for admission to full graduate status or who have not filed all relevant documents with the appropriate school or department. Students admitted in this provisional status must satisfy all those conditions by the end of the first semester of enrollment or as deemed appropriate by the department.

For students whose conditions of admission require verification of first semester grades, permission to register for the second semester must be approved by the chair of the student's department. Permission generally will not be granted to enroll for a second semester for reasons other than unavailability of first semester grades.

Individual exceptions must be approved by the dean of the degree-conferring unit.

Doctoral Admission with Advanced Standing
Some doctoral programs at USC admit students with Advanced Standing (entry with an appropriate completed graduate degree from an accredited institution).

Admission to Candidacy
Admission to graduate study does not imply admission to candidacy for an advanced degree and gives no right or claim to be so admitted. Candidacy is determined after the student has demonstrated by work done at this university the ability to do graduate work with originality and independence.

University Faculty
Regular tenure-track members of the USC faculty shall not be received as candidates or continued in candidacy for any graduate degree at USC. Individual exceptions may be made only with the approval of the deans of the schools concerned and the Associate Vice Provost for Graduate Programs.

The Graduate School
The Graduate School establishes and monitors the standards under which students are admitted for study in degree programs under its jurisdiction. These include the Master of Arts, Master of Science and Doctor of Philosophy degrees as well as several specialized master's degrees and certificate programs. Details of admission standards are provided in the Graduate School section of this catalogue and in the sections of schools and departments providing the curricula for these programs.

Professional Master's and Doctoral Degrees
Details of admission standards to professional degrees available at USC are detailed in appropriate school listings. See page 87 for a list of degree programs.

Dual Degree Programs
Applicants wishing to pursue a dual degree program offered by the university must apply separately to each degree program, meet the admission requirements of each school, and be admitted by both academic units. Applicants to a professional degree program should consult the particular school for information on admission requirements and programs of study.

Admission of International Students

The University of Southern California has an outstanding record of commitment to international education. From a small presence during our early history, our international enrollment grew to an average of 200 students by the 1930s. After declining international enrollments in the years surrounding World War II, USC began rebuilding and in 1951 began providing specialized admission services to international students. By 1964, more than 1,000 international students were enrolled at USC. Today, the Office of Admission serves thousands of prospective students each year by providing both general and specialized information and by maintaining the expertise necessary to evaluate academic records from the various educational systems around the world. The Office of Admission also issues the required eligibility certificates (I-20 or DS-2019) for students to enter the United States.

At USC, an international student is an individual of foreign nationality who will be entering or has already entered the United States with a student visa. However, students already residing in the U.S. and holding other non-immigrant visas (such as E2, H1 or L2) are also international students. International students do not qualify for need-based financial aid. U.S. permanent residents, naturalized U.S. citizens and U.S. citizens residing abroad and attending school outside the United States are not considered to be international students and are eligible for need-based financial aid.

Admission
International applicants (those who are or will be in the United States on non-immigrant visas) are required to submit the following documents. Additional information may be required by the academic departments.

(1) Application for Admission;
(2) Application fee paid by credit card, check or money order drawn on a U.S. bank in U.S. currency and made payable to the University of Southern California must accompany the application; the fee is non-refundable and cannot be deferred;
(3) Scores on all examinations required for admission (e.g., SAT, GRE, GMAT, TOEFL, TSE, etc.) must be sent to USC by the testing agency;
(4) One official copy of academic records with certified English translation;
(5) Documented evidence of financial support (see financial guarantee statement);
(6) Graduate students must submit letters of recommendation directly to the appropriate academic department, if requested.

Financial Guarantee Statement
The United States government requires all international applicants to provide proof of ability to pay tuition and living expenses before a formal letter of admission or the forms needed for obtaining a visa will be issued. International students are also required to have health and accident insurance. The cost of university-provided insurance will be added to the student's fees unless he or she presents proof of adequate coverage.

Each applicant relying on personal or family support must furnish, at the time of application, an original financial-guarantee letter — preferably a bank letter — indicating the sponsor's name and address and verifying the ability to pay the annual cost in education-related expenses for the first academic year. This document must be verified by a bank seal. It is crucial for students to submit their financial-guarantee letters with their applications if they wish to receive notification of admission in the most timely manner possible.

Applicants whose financial support will come from their home governments or other official agencies (e.g., AMIDEAST) must submit similarly appropriate documents from their sponsors at the time of application.

International students cannot meet the full amount of their educational expenses by working while in the United States. The U.S. Citizenship and Immigration Services (USCIS) rarely allows students to work off-campus, and employment opportunities are further limited by legislation that requires holders of student visas to be full-time students.

Deadline for International Applications
Students should send completed applications with the required documents and fee to the Office of Admission. All international students *must* follow the deadlines in the application for their particular program of study.

Only an admission letter from the Office of Admission grants official admission; correspondence with department chairpersons or individual faculty members does not constitute admission.

Official Document to Enter the United States
The Office of Admission will issue the I-20 (for the F-1 visa) or DS-2019 (for the J-1 visa), whichever is appropriate, for the student to enter the United States. Any student entering the United States by means of these documents issued by USC must register for the semester to which admitted to USC. Failure to register disqualifies the student from reapplying for one year from that semester to which admitted and the student's absence is reported to the Bureau for Homeland Security in accordance with the U.S. government's SEVIS regulations.

Registration Requirements for International Students
International students must maintain full-time student status as determined by the Office for International Services and the departmental advisor. Such students are not eligible to be considered students without formal registration and are in violation of immigration laws when not properly registered. Any international student having questions about registration requirements should consult the Office for International Services, Student Union Building, Room 300.

Admission Evaluations
Admission evaluations for international students are completed by the Office of Admission or the Office of Academic Records and Registrar. All official transcripts of previous work completed should be directed to the Office of Admission.

English Language Requirements
Academic success at USC is strongly dependent upon the ability to communicate in English. Listening, speaking, reading and writing proficiency must be well developed in order to assimilate large amounts of difficult material under limited time conditions with full comprehension. Such proficiency is much greater than that required for ordinary everyday living. Therefore, every effort should be made to acquire English proficiency prior to entering the university.

Admitted international students whose first language is not English are normally required to take the International Student English Examination (ISE), administered by the USC Testing Bureau at the beginning of the first term of study. The results on the examination determine whether or not students must take special courses in English.

International students who hold a bachelor's degree from a regionally accredited university located in the United States or in another country in which English is the native language are also exempt from having to take the ISE. Also, students who have achieved one of the following official TOEFL scores within the last two years are exempt from taking the ISE:

• an Internet-based TOEFL (IBT) score of 100 or higher with no less than 20 on each individual section of the test;
• a paper-based TOEFL score of 600 or higher;
• a computer-based TOEFL score of 250 or higher.

International students applying for a USC teaching assistantship must demonstrate their competence in spoken English before assuming classroom duties. Normally, new international teaching assistants (ITA) demonstrate their English proficiency by taking the ITA Oral Interview Exam, administered by the American Language Institute (ALI) located on the USC campus. The exam is graded on a scale of 1 to 7. Those who achieve a score of 6 or higher are cleared for classroom duties and have no English requirement. Those who score 5 or 5.5 are cleared for classroom duties, but are required to enroll in an English language course through ALI while performing their ITA responsibilities. Those who score below 5 on the interview are not cleared for classroom duties. These students are normally required to enroll in an English language course offered by ALI until adequate English proficiency is obtained. For more information, call (213) 740-0079 or visit ALI's Web site at *www.usc.edu/dept/LAS/ALI*.

American Language Institute
Any student not demonstrating adequate English proficiency will be required to enroll in the American Language Institute (ALI) at USC. ALI provides courses designed to improve an international student's oral and written communication skills in English. The extent to which a student may be required to take courses at the ALI is determined by his or her performance on the International Student English Examination.

ALI tuition units are charged at the regular university rate. Entering students who have weak English language skills should be aware that the ALI course requirements may add to the overall cost of their degree program. ALI classes can normally be taken concurrently with a student's other university classes and must be completed at the earliest opportunity.

Language Academy
The Language Academy, USC's intensive English program, offers full-time study in English. Applicants who wish to study English full time may apply to the USC Language Academy, 938 W. 34th Street, Los Angeles, CA 90089-0062. For further information, call (213) 740-0080 or visit the academy's Web site at *www.usc.edu/langacad*. Students attending the Language Academy are issued an I-20 for this course of study only. Those who wish to apply to a graduate level program must complete the USC Graduate Application. A transfer I-2 will be issued upon admission to the University of Southern California.

Financial Aid for Graduate Students

Students at USC benefit from federal, state and university financial aid programs administered by the Financial Aid Office and from scholarships, fellowships and assistantships, which are administered by the Graduate School and various academic departments. USC also offers an interest-free 10-monthly-payment plan and participates in long term loan programs. Students may apply for one or more kinds of aid, depending on eligibility. Students must be U.S. citizens, permanent residents or other eligible non-citizens and must meet all other eligibility requirements to be eligible for federal, state and university financial aid programs. Detailed information is available online at *www.usc.edu/finaid*.

Although international students cannot receive financial aid, they may be eligible for some scholarships, fellowships and for graduate assistantships offered by their schools or departments. International students should contact their departments directly for information about existing opportunities. International students may also be eligible for some private educational loans.

Financial support for graduate study at USC is available from many sources. Most graduate departments and professional schools offer fellowship and graduate assistantship opportunities. In support of the university's commitment to diversity, fellowships are set aside for minority students from groups now under-represented in doctoral study. The USC Financial Aid Office administers federal and state financial aid programs. Several federal agencies and private foundations offer support for students engaged in research in specific fields of study. In addition, many corporations provide fellowships or tuition reimbursements for their employees.

2006-2007 Application Procedures for Federal Financial Aid
Students who wish to apply for the Federal Stafford Loan program must submit a Free Application for Federal Student Aid (FAFSA) to the federal processor and a Supplemental Form for Financial Aid to the USC Financial Aid Office.

To be considered for the Federal Perkins Loan and Work-Study program for the 2006-2007 academic year, the federal processor must receive the Free Application for Federal Student Aid (FAFSA) or Renewal FAFSA by February 24, 2006. In addition, the Financial Aid Office must receive the completed Supplemental Form for Financial Aid by February 24, 2006. The Financial Aid Office must also receive a complete copy of the student's (and spouse's, if applicable) signed 2005 federal income tax return including all schedules and W-2 forms or the 2006-2007 Student Non-Filing Statement form by May 5, 2006.

Non-Filing Statement forms may only be submitted if the student and/or spouse are not legally required to file a federal tax return. Graduate students must also submit any additional documents requested by the Financial Aid Office. Law, Dental, Medical, Occupational Therapy, Biokinesiology and Physical Therapy, Physician Assistant, and Pharmacy students should check with their departments for additional application requirements.

Federal Work-Study
The Federal Work-Study program enables eligible students to earn part of their financial aid award either on campus or with an approved off-campus employer. Only full-time (eight or more units) students with high financial need who meet all application deadlines are considered for this program.

Federal Loans
Full-time students with high financial need who meet all application deadlines are considered for Federal Perkins Loans. Repayment begins nine months after the borrower ceases to be enrolled at least half time.

Subsidized and Unsubsidized Federal Stafford Loans are also available. Repayment begins six months after the borrower ceases to be enrolled at least half time.

The Health Professions Student Loan program provides loans to students in the health professions.

Graduate Fellowships and Assistantships through USC
Prospective and continuing students seeking financial aid will find opportunities for funding their graduate study through their individual schools and departments and the Graduate School. In general, fellowships offered through the Graduate School are for study leading to the Ph.D. degree.

Acceptance of Offers of Financial Assistance
USC subscribes to the following resolution of the Council of Graduate Schools in the United States regarding graduate scholars, fellows, trainees and assistantships.

Acceptance of an offer of financial assistance (such as graduate scholarship, fellowship, traineeship or assistantship) for the next academic year by an actual or prospective graduate student completes an agreement which both student and the university are expected to honor. In those instances in which the student accepts the offer before April 15, and subsequently desires to withdraw, the student may submit in writing a resignation of the appointment at any time through April 15. However, an acceptance given or left in force after April 15 commits the student not to accept another offer without first obtaining written release from the institution to which a commitment has been made. Similarly, an offer by an institution after April 15 is conditional on presentation by the student of the written release from any previously accepted offer.

Graduate Assistantships
Graduate assistantships are awarded each year by departments of the university on the basis of scholastic accomplishment, academic promise and competence. Only students regularly enrolled in USC graduate degree programs are eligible for appointment as graduate assistants and may be appointed to a maximum of one year at a time. All graduate assistants are under direct and

assigned supervision of regular faculty members and report regularly on the conduct and performance of their responsibilities to the supervising faculty. These awards include: teaching/laboratory assistants, assistant lecturers and research assistants. *The Graduate Assistant Handbook* can be found at *www.usc.edu/dept/GRADSCHL.*

Financing Programs
Several programs are available to help families meet the costs of education by providing long-term financing options and a short-term payment plan. Detailed information is available online at *www.usc.edu/finaid.*

Withdrawal Implications for Recipients of Financial Aid
For complete information, see page 53.

Financial Aid Policy Regarding Falsification of Financial Aid Information
For the complete policy, see page 53.

Satisfactory Academic Progress

Satisfactory Academic Progress Policy
Eligibility
To be eligible for financial aid, continuing graduate and professional students must maintain the academic standards and degree progress required for their programs of study as provided by statements on file in the Graduate School. A professional student is defined as a student pursuing a post baccalaureate professional degree. Students whose academic standing or degree progress falls below the standard will be placed on financial aid warning during the next semester of registration. If their academic standing or degree progress is not raised to the standard by the end of the semester of financial aid warning, all financial aid will be terminated for these students until the requirements have been met.

Reasonable Degree Progress: Full-Time Students
Reasonable degree progress for full-time graduate and professional students is defined by their respective programs in accordance with unversity policy as stated in the *Catalogue.*

Basic Eligibility
Full-Time Students Full-time students pursuing professional degrees can apply for financial aid for the number of units of course work required for the particular program of study. Course work transferred to the university in partial fulfillment of the degree requirements will be subtracted from the unit allowance.

Full-time students pursuing graduate degrees can apply for financial aid for each semester of full-time registration up to and including the semester in which they complete course work and/or qualifying exam requirements for their degree.

Part-Time Students Students pursuing graduate and professional degrees who are enrolled at least half-time but less than full-time, as defined by their particular programs of study, can apply for prorated financial aid according to a schedule set by the Financial Aid Office. The same unit and semester allowances as defined above will apply. Part-time students

should be aware of possible limitations in some aid programs and should consult with the Financial Aid Office for specific information.

Aid While Preparing for a Comprehensive or Qualifying Examination
Students in master's degree programs can apply for financial aid for one semester of registration while preparing for a comprehensive or qualifying exam. Students in doctoral degree programs can apply for financial aid for two semesters of registration while preparing for a comprehensive or qualifying exam.

Candidates in master's degree programs requiring a thesis can apply for financial aid for a maximum of three semesters of registration following completion of course work and/or comprehensive exam requirements. Candidates in doctoral degree programs requiring a dissertation can apply for financial aid for a maximum of six semesters of registration following completion of course work and qualifying exam requirements.

Dual Degree and Part-Time Semester Eligibility
Full-time graduate and professional students in the authorized dual degree programs of generally longer duration than single degree programs may be granted an increase in the semester allowances commensurate with the additional program requirements if they notify the Financial Aid Office of their dual degree status by no later than the end of their second semester of registration in the program. The student should obtain a written certification by one of the student's academic units of his or her dual degree status and an expected date of graduation.

Full-time students in graduate and professional programs who enroll less than full-time in a particular semester can apply for prorated financial aid for that part-time semester according to a schedule set by the Financial Aid Office. Full-time students who withdraw from course work, and therefore become part-time in a particular semester, must receive departmental certification that they are full-time students in good academic standing before financial aid will be granted for the next semester of enrollment.

Regaining Eligibility
Students who are no longer eligible for financial aid can have their eligibility reinstated if they successfully complete sufficient units and/or improve their academic averages to meet stated requirements. Students who are notified that they are on financial aid warning should consult their academic advisors.

Course Work Taken Elsewhere

Admitted students receive a transfer credit report showing unit and subject credit granted for graduate courses.

For course work taken from universities within the United States, the Degree Progress Department will prepare the transfer credit report; for course work taken outside the United States, the Office of Admission will prepare the statement.

Accreditation
The University of Southern California affirms the practice of accreditation of American post-secondary academic institutions by the six regional accreditation agencies: the Middle States Association of Colleges and Schools, the North Central Association of Colleges and Schools, the New England Association of Schools and Colleges, the Northwest Association of Schools and Colleges, the Southern Association of Colleges and Schools,

and the Western Association of Schools and Colleges. Acceptance of course work and/or degrees completed by undergraduate and graduate students applying to the University of Southern California will be based on accreditation by these six agencies. Certain graduate schools, seminaries, conservatories and professional institutions of national renown that are not accredited by a regional agency may be considered for graduate transfer work by the Articulation Office in consultation with the USC department or professional school to which the student is applying.

Acceptance of course work and/or degrees from post-secondary institutions overseas will be based on the recognition and approval of the college or university as a degree-granting institution by the Ministry of Education within the respective country.

Proof of Prior Degree
Students applying for graduate degrees conferred by the Graduate School must have completed a baccalaureate degree from a regionally accredited institution that reflects at least 96 units of traditional academic work. Diplomas granted for a preponderance of life experience, portfolio or equivalency examinations are not considered appropriate preparation for acceptance into USC's graduate degree programs and are not the equivalent of USC's undergraduate degrees. Verification of a completed undergraduate degree must be provided before enrollment in a second semester at USC.

Transfer Credit

Transfer of Course Work
The Degree Progress Department in the Office of Academic Records and Registrar determines whether course work taken elsewhere is available for transfer credit. Faculty of the student's degree program determine whether such credit is applicable toward a specific graduate degree, subject to approval by the dean of the degree-conferring unit. The faculty's decision should be made no later than the end of the first year in a master's program or the second year in a doctoral program.

Credit will only be allowed for courses (1) from an accredited graduate school, (2) of a quality of at least 3.0 on a 4.0 grading scale, (3) constituting a fair and reasonable equivalent to current USC course work at the graduate level and (4) logically fitting into the program for the degree. Transfer course work is applied as credit (CR) toward the degree and is not included in the calculation of a minimum grade point average for graduation.

Graduate transfer credit will not be granted for life experience, credit by examination, extension courses not accepted toward a degree by the offering institution, correspondence courses or thesis supervision. Graduate transfer credit will not be granted for course work taken elsewhere after a student has been admitted and enrolled at USC unless the student receives prior written approval from the department. Students may not take courses elsewhere as a substitute for courses in which they have received grades which fail to meet departmental or university requirements.

Transfer work must have been completed within seven years of admission to a USC master's degree program (or 10 years for a doctoral program) to be applied toward that degree. Departments have the option of reevaluating transfer work when a student is readmitted to a USC graduate degree program.

The faculty of a degree program may establish limits on the number of transfer credits stricter than those of the university, which follow:

(1) The maximum number of transfer credits which may be applied toward a master's degree, subject to departmental approval is: four units in degree programs requiring 24-32 units; eight units in programs requiring 33-40 units; 12 units in programs requiring 41 or more units. Except in formally designated dual degree programs, the same limits apply if a student wishes to transfer credits from any advanced degree previously completed at USC toward a master's degree.

(2) A maximum of 30 units of transfer credit may be applied toward a doctoral degree.

(3) A maximum of six units of transfer credit may be applied toward a doctoral degree with Advanced Standing. Admission with Advanced Standing is based upon a completed graduate degree. The only course work available for transfer credit is course work taken after completion of that degree.

(4) A maximum of four units of transfer credit may be applied toward an approved dual degree program.

The University Committee on Curriculum (UCOC) must approve policies and procedures for considering individual exceptions within any specific program of study. Program exceptions to the transfer of course work policies require the approval of the UCOC and are listed in the departmental sections of this catalogue. Departments establishing lower maximum limits may waive their own policy (within the university's limits) by approval of the dean of the degree conferring unit.

Application of Previous USC Course Work to a Current Degree
USC course work taken prior to matriculation to a current USC degree program must have been completed within seven years of admission or readmission to a master's degree program (or 10 years for a doctoral program) to

be applied toward that degree. Exceptions require approval from the Associate Vice Provost for Graduate Programs.

Credit Evaluation
The purpose of the evaluation is to verify all previously earned degrees and may list graduate course work completed at other institutions which is available for consideration toward the USC degree. Students who intend to apply transfer course work toward a USC degree program can request a comprehensive credit evaluation through the Degree Progress Department. Only courses with a grade of B (3.0) and above are available for transfer. These courses do not apply toward a specific USC degree unless approved by the student's major department and school.

Concurrent Enrollment
A student in a Graduate School degree program may not enroll for credit at this university and elsewhere simultaneously without advance permission from the Graduate School. Failure to secure such permission will result in invalidation of course work taken during periods of unauthorized concurrent enrollment.

Requirements for Graduation

Catalogue Regulations, Policies and Procedures
In addition to degree requirements outlined below, undergraduate and graduate students are also subject to current catalogue regulations, policies and procedures. Examples include, but are not limited to, the policies on the grades of incomplete (IN), missing grade (MG) and continuous enrollment for graduate students. Unlike degree requirements, changes in regulations, policies and procedures are immediate and supersede those in any prior catalogue.

Graduation Date
A student will be awarded the graduation date for the term in which degree requirements, including submission of supporting documents, have been met. Although course work may have been completed in a prior term, the degree will be awarded only for the term for which all academic and administrative requirements have been fulfilled. Application for the degree is a requirement for all graduate degrees. Students wishing to change the degree date from that indicated on the

STARS report should file a Change of Information card with the revised degree date. The cards are available in the Degree Progress Department in JHH 010. Degrees are not awarded retroactively.

Discontinued Degree Programs
Students pursuing major programs which the university discontinues will be allowed to complete them within a specified time limit. The time limit will be specified at the point of discontinuance of a major program and begins at that point. It is determined according to the student's progress toward degree completion and will not exceed five years for any student.

Closed Record
The academic record of a student who has completed the program of study or ceased attendance is considered closed. Once a student's record is closed, no further additions or changes may be made. This includes, but is not limited to, such things as change of name, registering in additional course work,

resolution of marks of incomplete (IN), missing grade (MG), etc.

Degree Requirements
All graduate students must meet both university degree requirements and those degree requirements specific to their program of study to receive an advanced degree. University degree requirements consist of grade point averages, unit, residence and time limit requirements. Degree requirements specific to a student's program of study consist of course, examination and research requirements. University degree requirements and degree requirements specific to the program of study are collectively defined as degree requirements. Graduate students may elect to follow (a) the degree requirements in the catalogue current for the semester of their admission to the degree program or (b) degree requirements in subsequent catalogues as long as they are continuously enrolled (see Continuous Enrollment, page 83). However, they may not mix catalogues.

Graduate students who discontinue their enrollment without a leave of absence approved by the dean of the pertinent academic unit (see Leave of Absence, page 84) will be subject to the degree requirements in effect for the semester of their readmission to the program. Students requesting exceptions should petition the dean of that unit.

Time Limit for Degree Completion
Students must maintain satisfactory progress toward their stated degree objective at all times. Progress is measured from the beginning of the first course at USC applied toward a specified degree, and all requirements for that degree must be completed within a specified time. The maximum time limit allowed for each degree is considerably greater than what is needed to complete all requirements. Departments may set more stringent time limits than those specified in this section.

The time limit for completing the master's degree is five years. The time limit for completing the doctoral degree is eight years. For students who earned an applicable master's degree within five years prior to admission to the doctoral program, the time limit for completing the doctoral degree is six years from the date of admission to the doctoral program. An academic department may grant an extension of up to one year at a time for a maximum of two years.

In unusual cases, a student's committee and the department chair may petition the Associate Vice Provost for Graduate Programs for further extensions.

Students who have exceeded the time limit for completing their degree program will not be permitted any further registrations. If granted an extension of time, the dean of the degree-conferring unit will permit registration for the specified period of extension. Approved leaves of absence (up to a total of two years or four semesters) are not counted in the time allowed for completion of degree requirements.

The time limits apply unless otherwise designated by the faculty and previously approved by the University Committee on Curriculum for a particular degree program.

Progressive Degree Programs
Applicants for a progressive degree program must have completed 64 units of course work applicable to their undergraduate degree since graduating from high school. (AP units, IB units and course work taken prior to high school graduation are excluded.) Applicants must submit their application before completing 96 units of course work. Normally, the application is submitted in the fall semester of the third year of enrollment at USC.

Applicants do not have to submit GRE scores but are expected to have at least a 3.5 GPA at the time of application.

The Application for Admission to a Progressive Master's Program must be approved by the deans of the bachelor's and the master's degree-granting schools at USC and submitted to the Graduate School. An approved course plan proposal and letters of recommendation from two USC faculty members must be submitted with the application, with at least one of the recommendations coming from a faculty member in the student's bachelor's degree major department.

Progressive degree program students must fulfill all the requirements for both the bachelor's degree and the master's degree except for the total number of units for each degree. A maximum of one-third of the course units for the master's degree may overlap with course units for the bachelor's degree. Students will be subject to undergraduate academic progress standards while in undergraduate status and master's academic progress standards while in graduate status. The degrees may be awarded separately, but the master's degree will not be awarded before the undergraduate degree. The time limit for completing a progressive degree program is 12 semesters.

In most cases, students will be classified as undergraduate students for the first eight semesters of college enrollment. In the ninth semester, students will be changed to graduate status. While classified as an undergraduate, students will be assessed the undergraduate tuition rate and the enrollment status will be determined by undergraduate standards. While classified as graduate students, students will be assessed the graduate tuition rate appropriate for their master's degree program and the enrollment status will be determined by graduate standards. (For summer session units and transfer units, 16 units equal one USC semester.)

Students who receive a research assistant or a teaching assistant award before completing eight semesters will be changed to graduate status. Students must have completed 128 units to be eligible for a research assistant or teaching assistant award. (AP, IB and transfer units may be used in the 128 unit total.)

Detailed information about specific progressive degree programs is listed in the corresponding school section. A list of progressive degrees is on page 89.

Dual Degree Programs
Dual degree programs offer graduate students the opportunity to concurrently complete requirements for two degrees. Students enrolled in dual degree programs must complete all requirements for the dual degree program and then will be awarded both diplomas at the same time. The academic units which offer these programs frequently adjust the requirements for each degree to take into account the correlations between required course work. Students who have completed all the requirements for one of the degree programs and who decide to withdraw from the dual degree program may receive the appropriate single diploma. Students who have withdrawn from the dual degree program to receive the appropriate single diploma and later decide to complete the second degree must apply for admission, be admitted and then fulfill all requirements for the second degree. Detailed information regarding dual degree programs is listed in the appropriate school section.

Grade Point Average Requirement
A minimum grade of C (2.0) is required in a course to receive graduate credit. Work graded C- or below is not acceptable for subject or unit credit toward any master's or doctoral program. A grade point average of at least 3.0 on all units attempted at USC toward a graduate degree is required for graduation. In addition, a grade point average of at least 3.0 on all graduate work attempted at USC, whether or not all such units are applied toward the degree, is required. In some cases, the University Committee on Curriculum has approved different GPA requirements for professional schools. The university will not deviate from policies governing the calculation of the grade point average through inclusion or exclusion of course work.

Unit Requirement
The minimum unit requirement for a master's degree is established at the time the program is approved and may not be waived. At least 20 of these units must be completed at USC. The minimum number of units for a doctoral degree is 60, at least 24 of which (exclusive of Doctoral Dissertation 794) must be completed at USC. In addition, at least one-half of the total number of units applied toward a graduate degree must be completed at USC. The minimum number of units for a doctoral degree with Advanced Standing upon entrance is 36. No exceptions are allowed.

A department or school which has a graduate program approved by the university requiring a higher minimum may not waive that requirement. The unit requirement for a dual degree program is established at the time the program is approved by the university and may not be waived.

Regardless of the number of units required for a graduate degree, at least two-thirds of the units applied toward the degree (including transfer work and not including 594 or 794) must be at the 500 level or higher. Students with Advanced Standing in doctoral programs may not apply additional 400-level course work toward that degree. Individual exceptions will not be allowed. Some degree programs, where designated by the faculty and approved by the University Committee on Curriculum, permit a higher maximum number of 400-level units.

Unit credit indicates the number of semester units earned in the course; these units may or may not be applicable to the degree. Degree credit indicates the units are applicable to the degree.

Residence Requirements

A minimum of 20 graduate units at USC is required for the master's degree; 24 units for the doctoral degree.

Residence for a graduate degree program at USC is a period of intensive study completed on the University Park campus, the Health Sciences campus and/or at one of the approved off-campus study centers. Each degree-conferring unit may establish a school residence policy. School residence requirements as presented in the *USC Catalogue* are approved by the University Committee on Curriculum and are to be interpreted consistent with university policies on continuous enrollment, leaves of absence, transfer of credit and time limits for completion of graduate degrees. Individual exceptions must be approved by the Associate Vice Provost for Graduate Programs.

Pass/No Pass Graded Work

Graduate students may elect to enroll in courses on a pass/no pass basis with department approval. Course work taken on a pass/no pass basis cannot be applied toward a graduate degree. If a student later requires the course for a degree program (because of a change in degree objective or a decision to obtain an additional degree), the degree-granting unit can decide to allow subject credit for the course and require a substitute course for the unit credit. Individual departments may have placed further restrictions on whether a course taken on a pass/no pass basis can be used to fulfill specific requirements.

All students should consult their academic advisors before enrolling in any course on a pass/no pass basis.

Waiver and Substitution of Course Requirements

Students admitted to graduate degree objectives are expected to complete the degree requirements listed in the *USC Catalogue*. A maximum of 25 percent of the stated degree course requirements (exclusive of 594 Master's Thesis and 794 Doctoral Dissertation) may be approved for waiver or substitution by other USC course work, directed research or transfer course work. Deans of the individual academic schools may approve substitutions and waivers within this limit for programs housed in their schools. Deans' approval for substitutions and waivers within the established maximums is recorded by the academic unit in the student exception process. In rare instances, the dean of the school can request approval by the provost of additional substitutions.

Waiver or substitution of course requirements does not reduce the minimum number of units required for the degree. Programs establishing a lower maximum may waive their own policy by approval of the dean of the academic school.

Second Master's Degree

A "second master's degree" is any master's degree pursued after a first master's degree is earned at USC or another university. The maximum number of units which may be applied toward the second master's degree for course work taken from the first master's degree is: four units toward degree programs requiring 24-32 units; eight units toward programs requiring 33-40 units; 12 units toward programs requiring 41 or more units. Second master's degrees are not allowed in the same program of study for students who earned their first master's degree at USC.

For students who earned their first master's degree at another institution, no course work may be repeated from the first program of study and no units from the first program of study may be counted toward the second master's degree. Program exceptions require approval of the University Committee on Curriculum and are listed in the departmental sections of this catalogue. No individual exceptions are allowed.

Enrollment Status

To be considered full time, a master's level student must be enrolled in a minimum of eight units of 400- and 500-level course work, and a doctoral level student must be enrolled in a minimum of six units of 500-level and above course work. All graduate assistants are classified as full-time students during the semester(s) of their appointments as long as they are enrolled for the minimum units required for their assistantship. In order to make normal progress toward the timely completion of course work for a graduate degree, most students will be enrolled for 12 units; 16 units will constitute a maximum load. Students wishing to carry more than 16 units must have prior permission from the degree-conferring unit; such permission will be granted only in exceptional circumstances.

A student who has completed all course work for the master's degree will be considered full time when properly enrolled in either 594 Master's Thesis or GRSC 810 Studies for the Master's Examination.

A student who has completed all course work for the doctoral degree (except dissertation registration) will be considered full time during the semester in which the student is preparing for the doctoral qualifying examination, provided the Request to Take the Qualifying Examination has been submitted and approved for that semester and the student is enrolled in the course GRSC 800 Studies for the Qualifying Examination. Doctoral students who have been advanced to candidacy, that is, who have completed all course work and have passed the qualifying examination, will be considered full time when properly enrolled in 794 Doctoral Dissertation. In addition to GRSC 800/810 and 594 Master's Thesis and 794 Doctoral Dissertation, there are several other courses and programs as determined by the Dean of Academic Records and Registrar for which enrollment confers full-time status. Students should consult their academic unit for this information.

International students on student visas must be enrolled as full-time students or must receive authorization from the Office of International Services to enroll in fewer than the minimum units. Such students are not eligible to be considered students without formal registration and are in violation of immigration laws when not properly enrolled. Any international student having questions about his or her registration should consult the Office for International Services.

Continuous Enrollment

Students are considered to be pursuing advanced degrees only when they are formally enrolled. Students admitted to a graduate degree objective are required to be enrolled at USC for fall and spring semesters each year until all degree requirements have been satisfactorily completed within the time limit. Graduate students who fail to register are no longer considered to be enrolled in a graduate degree program. After an unauthorized absence, formal readmission is required.

Students who have been granted a leave of absence do not need to apply for readmission following the approved leave. Where appropriate to the design of a given academic program, the faculty of the program may obtain the permission of the University Committee on Curriculum for a different definition of continuous enrollment.

A master's candidate who is writing a thesis and has completed all course work for the degree must enroll each fall and spring semester in the appropriate thesis registration until the thesis has been approved. A doctoral candidate who has passed the qualifying examination must enroll each fall and spring semester in 794 Doctoral Dissertation until the dissertation has been approved.

Exceptions to continuous enrollment are subject to policies governing leaves of absence and readmission.

Leave of Absence
Interruptions of enrollment can cause problems in the continuity of course work within a student's graduate program and, therefore, leaves of absence are generally discouraged.

A student in good standing and making satisfactory progress toward a degree who must interrupt studies for compelling reasons (e.g., approved study abroad, sustained ill health) may petition for a leave for a stated period, usually not to exceed one year. Students who find it necessary to be excused from registration must request a leave of absence by the last day to drop or add courses. A leave must be approved by the dean of the degree-conferring unit. During the period of leave a student is not entitled to assistance from the faculty or use of university facilities. If granted, the leave is recorded on the student's transcript and the period of leave is

not counted in the time allowed for the completion of degree requirements. Within the degree time limit a maximum of four semesters may be allowed for leaves of absence. A student who does not return to enrolled status at the end of an approved period of leave is no longer considered to be pursuing an advanced degree. Students who fail to apply for a leave of absence or for whom a leave has been denied (or has expired) are subject to policies governing continuous enrollment and readmission.

Readmission
A student who leaves the university without obtaining a formal leave of absence from graduate study is not automatically readmitted. A student wishing to apply for readmission to a graduate degree program must submit an Application for Readmission to the Graduate School by the first day of classes for the term in which resumption of graduate studies is sought. The recommendation of the department and the approval of the dean of the degree-conferring unit, based on the academic merits of the student's request, are required. If readmitted, the student will be subject to all of the current requirements for the degree in effect at the time of readmission. Individual exceptions require the approval of the dean of the degree-conferring unit.

Comprehensive and Qualifying Examinations
In graduate degree programs that require a comprehensive examination and for all doctoral qualifying examinations, a student who fails the examination may be permitted, at the discretion of the faculty, to take it a second time. For time limits on retaking the examinations, consult the individual school's policy.

Requests for exception must be approved by the department chair.

A student may not take the comprehensive or qualifying examination more than twice and must be appropriately enrolled at USC during the semester in which any such examination is taken or retaken. A student who fails the comprehensive or qualifying examination a second time may not continue in the degree program after the end of the semester in which the second examination was taken. No exceptions are allowed.

Application for Graduate Degrees
Application for the degree is required for all graduate degrees. Application for the master's degree should be made in the student's academic unit in the semester preceding the one in which the student hopes to graduate and prior to enrolling in 594a. Application for the Ph.D. should be made when the student has passed the qualifying exam and been admitted to candidacy. The student must contact his or her academic advisor at the appropriate time and have the application submitted online. When the application is received by Degree Progress, a STARS report will be issued to the student. The degree cannot
be conferred if no application has been submitted.

Theses and Dissertations
See the Theses and Dissertation section in the Graduate School section on page 94.

International Study

International Summer Session
The International Summer Session features a number of overseas courses each year for graduates. Programs have included:

Belfast, Ireland (Journalism)
Copenhagen, Denmark (Business)
Hong Kong, China (Journalism)
London, England (Business)
London, England (Journalism)
Madrid, Spain (Business)
Madrid, Spain (Spanish)
Manchester, England (Business)
Mexico (Journalism)

Russia (Slavic Languages and Literatures)
South Africa (Journalism)

Information about these programs is available from the school or department. For referral, contact the Office of Overseas Studies (213) 740-3636.

Graduate Study Abroad
The Graduate School provides referral to information sources about nationally competitive fellowships, grants, awards, and opportunities for graduate study abroad.

Any non-USC administered overseas study programs or any courses taken abroad by currently enrolled USC students must be reviewed and pre-approved by the Office of Admission and Degree Progress prior to enrollment.

School Programs
Many schools and departments offer international study opportunities and internships. Refer to the school sections of the *Catalogue* for specific information.

Special Study Options

Center for Excellence in Teaching
Waite Phillips Hall, Room 500G
(213) 740-9040
FAX: (213) 821-2474
Email: usccet@usc.edu
www.usc.edu/cet

Director: Danielle Mihram, Ph.D.

Assistant Director: Morgan S. Grether, Ph.D.

Faculty Fellows: J. Lawford Anderson, *Earth Sciences;* William Deverell, *History;* Nancy Lutkehaus, *Anthropology;* Doe Mayer, *Cinema-Television;* Charles McKenna, *Chemistry;* Nandini Rajagopalan, *Management and Organization;* Michael W. Quick, *Biological Sciences;* Peter Starr, *French and Comparative Literature;* S. Mark Young, *Accounting.*

Distinguished Faculty Fellows: Warren Bennis, *Management and Organization;* Nelson Eugene (Gene) Bickers, *Physics;* Sharon M. Carnicke, *Theatre;* Delores Conway, *Information and Operations Management;* Gerald C. Davison, *Psychology;* Judy Garner, *Cell and Neurobiology;* Howard Gillman, *Political Science;* Heather James, *English;* Mark E. Kann, *Political Science;* James Kincaid, *English;* Paul W. Knoll, *History;* Steven L. Lamy, *International Relations;* Debbie MacInnis, *Business;* William O. McClure, *Biological Sciences;* William F. McComas, *Education;* Beth Meyerowitz, *Psychology;* Alison Dundes Renteln, *Political Science;* Steven B. Sample, *University President and Honorary Distinguished Faculty Fellow;* Joel E. Schechter, *Cell and Neurobiology;* Terry Lee Seip, *History;* Craig B. Stanford, *Anthropology;* Armand R. Tanguay, Jr., *Engineering;* Bruce E. Zuckerman, *Religion.*

The mission of the USC Center for Excellence in Teaching (CET) is to provide shared leadership, vision and support in the pursuit and development of effective and innovative teaching and mentoring in order to foster and enhance deep and lifelong learning. Such a mission upholds and sustains our institutional goals. CET is a unique, faculty-driven organization that is dedicated to the inspiration, development and advancement of outstanding teachers and mentors among USC's faculty and students.

CET strives to encourage the full integration of the university's research mission into teaching, both in and outside of the classroom. Excellence in research requires commitment to the development of superior communication and instructional skills in all fields, as well as in the training of our students for their future in academia. The scholarly activities of the faculty may lead directly to opportunities to foster university-wide discourse on the commitment to excellence in teaching.

The objectives of CET's Faculty Fellows are:
• To form, as a group, an interdisciplinary forum for the discussion of common pedagogical approaches and disciplinary differences
• To share their teaching strategies, successes and challenges
• To serve as mentors available to faculty and students
• To serve as advocates for a university-wide discourse on the commitment to excellence in teaching
• To foster recognition of the importance of teaching as an indispensable dimension of undergraduate and graduate education

Fellows serve students directly via mentoring and organizing special courses and indirectly as evangelists for teaching excellence throughout the university, by sharing ideas in workshops and offering advisement on effective teaching methods to junior faculty. In addition, the fellows collectively seek to provide an intellectual resource on instructional theory and policy evaluation for university administrators tasked with responding to challenges posed by the changing national educational environment.

CET trains new teaching assistants at the beginning of each semester and assists in the creation and operation of teaching assistant training programs within each school. The center is also asked to develop better ways to evaluate teaching effectiveness and student learning. In its capacity as principal advocate for and promoter of an excellent teaching and learning environment on campus, CET provides recognition and awards for excellent teachers and mentors nominated and selected by faculty and students. Each year CET solicits nominations for and selects the winners of several university-wide awards and grants for teaching and mentoring excellence:

The *Associates Awards for Excellence in Teaching* are the highest honor the university faculty can bestow on its members for outstanding teaching. They recognize career achievements in teaching with emphasis on concrete accomplishments and proven results; it is not intended as a "teacher of the year" award. Two awards of $5,000 are presented each year at the Academic Honors Convocation in March to emphasize the university's recognition of the significant role that teaching plays in its mission.

The *University Outstanding Teaching Assistant Awards* of $1,000 are presented each year at the Academic Honors Convocation to three graduate teaching assistants who have exhibited consistent excellence in the classroom and symbolizes the university's dedication to the education of scholars-teachers.

The *Mellon Academic Mentoring Support Program* offers grants between $5,000 and $15,000 to continue to foster innovative academic mentoring at USC. This program also recognizes demonstrated excellence in mentoring and presents awards of $1,000 to faculty members and graduate students who demonstrate outstanding mentoring.

The *Fund for Innovative Undergraduate Teaching* is a program designed to foster new ideas in university instruction. Funding is usually awarded to a competitive innovative project. Such a project is one that is not part of the faculty member's usual teaching commitment (either in content or instructional mode), and, as such, should make a significant addition to USC's pedagogical effort.

The *Professoriate: Preparing for the Future* (GRSC 850ab) is offered through the Graduate School, page 98. The purpose of this one-year program of CET and its Faculty Fellows is to prepare doctoral students considering higher education careers to become leaders in their professions by understanding the expectations and demands of teaching with purpose, research with visible accomplishment and service with effectiveness.

CET also arranges symposia, institutes, conferences, demonstrations and other kinds of programmatic activities to support excellence in teaching and learning on behalf of the university.

Graduate Degree Programs

USC is a major university providing diverse academic programs. As such it has evolved into a complex organization. The basic underlying principle in its organization is simple: groups of faculty with similar areas of knowledge and interest are grouped together to form departments or schools. These units work together in determining the courses to be offered, requirements for degrees, and the content and rationale underlying their curricula.

In practice, the organization becomes more complex. Certain areas of study are based on broad areas of knowledge which need to draw faculty from several departments. The following list of undergraduate and graduate degrees provides a guide to the organization of USC. The index includes all degrees offered, and the school which administers the degree.

The basic graduate degrees are the Master of Arts, Master of Science and the Doctor of Philosophy. The Master of Arts degree is normally given for study in the humanities and social sciences. These degrees fall under the jurisdiction of the Graduate School.

The Master of Science degree is normally given for study confined exclusively to the natural sciences. Many of the Master of Science degree programs and several specialized master's degree programs are under the jurisdiction of the Graduate School.

Other master's degrees are granted by USC for proficiency in professional fields. These professional master's degrees are not under the jurisdiction of the Graduate School.

Each school may provide programs for several types of degree objectives in similar areas of study. For example, the Thornton School of Music provides curricula for the Master of Arts with a major in early music performance and also offers Master of Music degree programs. These many shades of distinction between the types of degrees offered are to provide flexibility to students. Students must select degree objectives based on consideration of what will best prepare them for the career or further study they wish to pursue.

While many schools provide curricula leading to the Doctor of Philosophy degree, all Doctor of Philosophy degrees are under the jurisdiction of the Graduate School. All Ph.D. candidates must meet the standards of scholarship and other regulations established by the Graduate School. Other doctorates, which prepare students for leadership and expert service in certain fields of science, art and public welfare, are under the jurisdiction of the several schools. Professional doctorates, which are not given under the jurisdiction of the Graduate School, include: Doctor of Dental Surgery, Doctor of Education, Doctor of Medicine, Doctor of Musical Arts, Doctor of Pharmacy, Doctor of Public Administration, Juris Doctor and Doctor of Physical Therapy.

University Certificates

In addition to the degree programs listed in the index, the university also offers a number of graduate certificate programs. Graduate credit certificate programs must be approved by the University Committee on Curriculum and meet the following requirements: (1) a minimum of 16 units is required; the maximum number of units may vary; (2) for certificate programs of 16 units, all course work must be at the 500 level or above. For programs of more than 16 units, no more than one-third of the total units for the program may be at the 400 level; (3) for completion, a minimum cumulative USC grade point average of 3.0 must be achieved on all course work applied to the certificate; (4) for certificate programs of 16 units, all course work must be earned at USC; for programs of more than 16 units, not more than 25% of the course work may be transfer credit.

Area of Emphasis

An Area of Emphasis is a specific focus within a major that has been formally approved. Areas of Emphasis are listed within parentheses following the appropriate majors and do not appear on diplomas but are indicated on transcripts.

Dual Degree

A dual degree program joins two distinct graduate degree programs under a single, new program and POST (program of study) code. (Applicants to dual degree programs must apply separately to each degree and be admitted to both programs. After admission to both degree programs, the student is assigned the single, dual degree POST code.) Upon completion of the dual degree program, two degrees (and two diplomas) are awarded. Both degrees in a dual degree program must be awarded with the same conferral date.

Progressive Degree Programs

A progressive degree program enables a USC undergraduate to begin work on a master's degree while completing requirements for the bachelor's degree. The degree may be in the same or different departments but should be in a similar field of study. Students in a progressive degree program must fulfill all requirements for both the bachelor's degree and the master's degree except for the combined total number of units for the degrees. The master's degree may be awarded simultaneously with but not before the bachelor's degree is awarded.

The Graduate Degree Programs List

All degrees are listed alphabetically by the school which provides the program for the degree objective. All degrees are listed alphabetically in the index at the end of this catalogue. Areas of emphasis do not appear on diplomas but are indicated on transcripts.

Degree Programs

Program descriptions and degree requirements may be found in the sections of this catalogue under the units listed in boldface type. Unless otherwise noted, each program is under the jurisdiction of the school or division under which that degree is listed. All Ph.D. (Doctor of Philosophy) degrees are under the jurisdiction of the Graduate School. All degrees are listed alphabetically in the index.

School of Architecture
Architecture (M.Arch.)
Building Science (M.B.S.)
Landscape Architecture (M.L.Arch.)
Historic Preservation (M.H.P.)

Leventhal School of Accounting
Accounting (M.Acc.)
Business Taxation (M.B.T.)

Marshall School of Business
Business Administration (M.B.A., M.S., Ph.D.*)
Digital Supply Chain Management (M.D.S.C.M.)
Medical Management (M.M.M.)

School of Cinema-Television
Cinema-Television (M.A.*, M.F.A.)
Cinema-Television (Critical Studies) (Ph.D.*)
Animation and Digital Arts (M.F.A.)
Interactive Media (M.F.A.)
Motion Picture Producing (M.F.A.)
Writing for Screen and Television (M.F.A.)

Annenberg School for Communication
Communication (M.A.*, Ph.D.*)
Communication Management (M.C.M.*)
Global Communication (M.A.*)
Journalism (Broadcast Journalism) (M.A.*)
Journalism (Online Journalism) (M.A.*)
Journalism (Print Journalism) (M.A.*)
Public Diplomacy (M.P.D.)
Strategic Public Relations (M.A.*)

School of Dentistry
Craniofacial Biology (M.S.*, Ph.D.*)
Dental Surgery (D.D.S.)

Rossier School of Education
Education (M.S., Ed.D., Ph.D.*)
Education (Counseling Psychology) (M.S.)
Education (Teaching English as a Foreign Language) (M.E.)
Marriage and Family Therapy (M.M.F.T.)
Multiple Subject Teaching (M.A.T.)
Music Education (M.M.Ed.**)
Postsecondary Administration and Student Affairs (M.E.)
Single Subject Teaching (M.A.T.)
Single Subject Teaching (Music Education) (M.A.T.)

Teaching English as a Foreign Language (M.E.)
Teaching English to Speakers of Other Languages (M.S.)

Viterbi School of Engineering
Aerospace and Mechanical Engineering
  Aerospace and Mechanical Engineering (Computational Fluid and Solid Mechanics) (M.S.)
  Aerospace and Mechanical Engineering (Dynamics and Control) (M.S.)
  Aerospace Engineering (M.S., Engineer, Ph.D.*)
  Mechanical Engineering (M.S., Engineer, Ph.D.*)
Astronautics and Space Technology
  Astronautical Engineering (M.S., Engineer, Ph.D.)
Biomedical Engineering
  Biomedical Engineering (M.S., Ph.D.*)
  Biomedical Engineering (Medical Imaging and Imaging Informatics) (M.S.)
  Medical Device and Diagnostic Engineering (M.S.)
Chemical Engineering (M.S., Engineer, Ph.D.*)
Civil Engineering
  Applied Mechanics (M.S.)
  Civil Engineering (M.S., Engineer, Ph.D.*)
  Civil Engineering (Construction Engineering) (M.S.)
  Civil Engineering (Environmental Engineering) (M.S.)
  Civil Engineering (Geotechnical Engineering) (M.S.)
  Civil Engineering (Structural Engineering) (M.S.)
  Civil Engineering (Transportation Engineering) (M.S.)
  Computer-Aided Engineering (M.Eng.)
  Construction Management (M.C.M.)
  Engineering (Environmental Engineering) (Ph.D.*)
  Environmental Quality Management (M.Eng.)
  Environmental Engineering (M.S.)
  Structural Design (M.Eng.)
Computer Science
  Computer Science (M.S., Ph.D.*)
  Computer Science (Computer Networks) (M.S.)
  Computer Science (Computer Security) (M.S.)
  Computer Science (High Performance Computing and Simulations) (M.S.)
  Computer Science (Intelligent Robotics) (M.S.)
  Computer Science (Multimedia and Creative Technologies) (M.S.)
  Computer Science (Software Engineering) (M.S.)

Electrical Engineering
  Computer Engineering (M.S., Ph.D.*)
  Electrical Engineering (M.S., Engineer, Ph.D.*)
  Electrical Engineering (Computer Networks) (M.S.)
  Electrical Engineering (Multimedia and Creative Technologies) (M.S.)
  Electrical Engineering (VLSI Design) (M.S.)
  Systems Architecture and Engineering (M.S.)
Industrial and Systems Engineering
  Engineering Management (M.S.)
  Industrial and Systems Engineering (M.S., Engineer, Ph.D.*)
  Manufacturing Engineering (M.S.)
  Operations Research Engineering (M.S.)
  Product Development Engineering (M.S.)
  System Safety and Security (M.S.)
Materials Science
  Materials Engineering (M.S.)
  Materials Science (M.S., Engineer, Ph.D.*)
Petroleum Engineering
  Petroleum Engineering (M.S., Engineer, Ph.D.*)
  Petroleum Engineering (Smart Oilfield Technologies) (M.S.)

Roski School of Fine Arts
Fine Arts (M.F.A.*)
Public Art Studies (M.P.A.S.)

Leonard Davis School of Gerontology
Gerontology (M.A.*, M.S., Ph.D.*)
Long Term Care Administration (M.L.T.C.A.)

Division of Independent Health Professions
Biokinesiology and Physical Therapy
  Biokinesiology (M.S.*, Ph.D.*)
  Biokinesiology and Physical Therapy (Ph.D.*)
  Physical Therapy (D.P.T.*)
Occupational Science and Occupational Therapy
  Occupational Science (Ph.D.*)
  Occupational Therapy (M.A.*, O.T.D.*)

Gould School of Law
Law (J.D., LL.M., M.C.L.)

College of Letters, Arts and Sciences*
All graduate programs in the college are under the jurisdiction of the Graduate School.
American Studies and Ethnicity (Ph.D.)
Anthropology (M.A., Ph.D.)
Art History (M.A., Ph.D.)
Biological Sciences
   Biology (M.S., Ph.D.)
   Biology (Neurobiology) (Ph.D.)
   Computational Biology and Bioinformatics (Ph.D.)
   Integrative and Evolutionary Biology (Ph.D.)
   Molecular and Computational Biology (M.S.)
   Molecular Biology (Ph.D.)
Chemistry
   Chemistry (M.A., M.S., Ph.D.)
   Chemistry (Chemical Physics) (Ph.D.)
Classics (M.A., Ph.D.)
Comparative Literature (M.A., Ph.D.)
Earth Sciences
   Geological Sciences (M.S., Ph.D.)
East Asian Area Studies (M.A.)
East Asian Languages and Cultures (M.A., Ph.D.)
Economics
   Economic Developmental Programming (M.A.)
   Economics (M.A., Ph.D.)
English
   English (M.A., Ph.D.)
   Literature and Creative Writing (Ph.D.)
Environmental Studies
   Environmental Studies (M.A.)
   Environmental Risk Analysis (M.S.)
French and Italian
   French (M.A., Ph.D.)
Geography (M.A., M.S., Ph.D.)
German (M.A., Ph.D.)
History (M.A., Ph.D.)
International Relations (M.A.)
Kinesiology (M.A., M.S., Ph.D.)
Linguistics
   Computational Linguistics (M.S.)
   Linguistics (M.A., Ph.D.)
   Linguistics (Hispanic Linguistics) (M.A., Ph.D.)
Mathematics
   Applied Mathematics (M.A., M.S., Ph.D.)
   Computational Molecular Biology (M.S.)
   Mathematical Finance (M.S.)
   Mathematics (M.A., Ph.D.)
   Statistics (M.S.)
Neuroscience (M.S., Ph.D.)
Ocean Sciences (M.S., Ph.D.)
Philosophy (M.A., Ph.D.)
Physics and Astronomy
   Physics (M.A., M.S., Ph.D.)
   Physics for Business Applications (M.S.)

Political Economy and Public Policy (M.A., Ph.D.)
Politics and International Relations (M.A., Ph.D.)
Professional Writing (M.P.W.)
Psychology (M.A., Ph.D.)
Public Diplomacy (M.P.D.)
Religion and Social Ethics (M.A., Ph.D.)
Slavic Languages and Literatures (M.A., Ph.D.)
Sociology (M.A., Ph.D.)
Spanish and Portuguese
   Spanish (M.A., Ph.D.)

Keck School of Medicine
Medicine (M.D.)
Anesthesia
   Nurse Anesthesia (M.S.*)
Biochemistry and Molecular Biology
   Biochemistry and Molecular Biology (M.S.*, Ph.D.*)
   Molecular Epidemiology (M.S.*, Ph.D.**)
Cell and Neurobiology (M.S.*, Ph.D.*)
Family Medicine
   Physician Assistant Practice (M.P.A.P.)
Genetic, Molecular and Cellular Biology (Ph.D.*)
Molecular Microbiology and Immunology (M.S.*, Ph.D.*)
Pathology
   Experimental and Molecular Pathology (M.S.*)
   Pathobiology (M.S.*, Ph.D.*)
Physiology and Biophysics (M.S.*, Ph.D.*)
Preventive Medicine
   Applied Biostatistics and Epidemiology (M.S.*)
   Biostatistics (M.S.*, Ph.D.*)
   Clinical and Biomedical Investigations (M.S.*)
   Epidemiology (Ph.D.*)
   Molecular Epidemiology (M.S.*, Ph.D.*)
   Preventive Medicine (Health Behavior Research) (Ph.D.*)
   Public Health (M.P.H.)
   Statistical Genetics and Genetic Epidemiology (Ph.D.*)
Systems Biology and Disease (Ph.D*)

Thornton School of Music
Choral Music (M.M., D.M.A.)
Composition (M.M., D.M.A.)
Conducting (M.M.)
Early Music Performance (D.M.A.)
Jazz Studies (M.M., D.M.A.)
Music (Early Music Performance) (M.A.*)
Music (Historical Musicology) (Ph.D.*)
Music (History and Literature) (M.A.*)
Music Education (M.M., M.M.Ed.**, D.M.A.)
Performance (Bassoon) (M.M., D.M.A.)
Performance (Clarinet) (M.M., D.M.A.)

Performance (Classical Guitar) (M.M., D.M.A.)
Performance (Double Bass) (M.M., D.M.A.)
Performance (Flute) (M.M., D.M.A)
Performance (French Horn) (M.M., D.M.A.)
Performance (Harp) (M.M., D.M.A.)
Performance (Keyboard Collaborative Arts) (M.M., D.M.A.)
Performance (Oboe) (M.M., D.M.A.)
Performance (Organ) (M.M., D.M.A.)
Performance (Percussion) (M.M., D.M.A.)
Performance (Piano) (M.M., D.M.A.)
Performance (Saxophone) (M.M., D.M.A.)
Performance (Studio Guitar) (M.M., D.M.A.)
Performance (Trombone) (M.M., D.M.A.)
Performance (Trumpet) (M.M., D.M.A.)
Performance (Tuba) (M.M., D.M.A.)
Performance (Viola) (M.M., D.M.A.)
Performance (Violin) (M.M., D.M.A.)
Performance (Violoncello) (M.M., D.M.A.)
Performance (Vocal Arts) (M.M., D.M.A.)
Sacred Music (M.M., D.M.A.)

School of Pharmacy
Molecular Pharmacology and Toxicology (M.S.*, Ph.D.*)
Pharmaceutical Economics and Policy (M.S.*, Ph.D.*)
Pharmaceutical Sciences (M.S.*, Ph.D.*)
Pharmacy (Pharm.D.)
Regulatory Science (M.S.*)

School of Policy, Planning, and Development
Construction Management (M.C.M.)
Health Administration (M.H.A.)
Executive Health Administration (M.H.A.)
Planning (M.Pl., Ph.D.*)
Planning and Development Studies (M.P.D.S., D.P.D.S.)
Policy, Planning and Development (Ph.D.)
Public Administration (M.P.A.)
Public Policy (M.P.P.)
Public Policy and Management (M.P.P.M.)
Real Estate Development (M.R.E.D.)

School of Social Work
Social Work (M.S.W., Ph.D.*)

School of Theatre
Theatre (Acting) (M.F.A.)
Theatre (Directing) (M.F.A.)
Theatre (Dramatic Writing) (M.F.A.)
Theatre (Theatrical Design) (M.F.A.)

*under the jurisdiction of the Graduate School

**jointly administered by more than one school or unit

Dual Degree Programs

Graduate Dual Degree Programs

Doctor of Medicine/Master of Public Health (M.D./M.P.H.)

Doctor of Pharmacy/Master of Public Health (Pharm.D./M.P.H.)

Doctor of Pharmacy/Master of Science, Gerontology (Pharm.D./M.S.)

Doctor of Pharmacy/Master of Science, Regulatory Science (Pharm.D./M.S.)

Doctor of Pharmacy/Doctor of Philosophy, Pharmaceutical Sciences (Pharm.D./Ph.D.)

Doctor of Philosophy, Psychology (Clinical)/ Master of Public Health (Health Promotion) (Ph.D./M.P.H.)

Doctor of Physical Therapy/Master of Public Health (D.P.T./M.P.H.)

Master of Architecture/Master of Planning (M.Arch/M.Pl.)

Master of Business Administration/Doctor of Dental Surgery (M.B.A./D.D.S.)

Master of Business Administration/Doctor of Education (M.B.A./Ed.D.)

Master of Business Administration/Master of Arts, East Asian Area Studies (M.B.A./M.A.)

Master of Business Administration/Master of Arts, Jewish Communal Service (M.B.A./M.A.)

Master of Business Administration/Master of Science, Industrial and Systems Engineering (M.B.A./M.S.)

Master of Business Administration/Doctor of Medicine (M.B.A./M.D.)

Master of Business Administration/Doctor of Pharmacy (M.B.A./Pharm.D.)

Master of Business Administration/Master of Planning (M.B.A./M.Pl.)

Master of Business Administration/Master of Real Estate Development (M.B.A./M.R.E.D.)

Master of Business Administration/Master of Social Work (M.B.A./M.S.W.)

Master of Communication Management/ Master of Arts, Jewish Communal Service (M.C.M./M.A.)

Master of Arts, International Relations/Master of Planning (M.A./M.Pl.)

Master of Arts, International Relations/Master of Public Administration (M.A./M.P.A.)

Master of Science, Gerontology/Master of Arts, Jewish Communal Service (M.S./M.A.)

Master of Science, Gerontology/Master of Business Administration (M.S./M.B.A.)

Master of Science, Gerontology/Doctor of Dental Surgery (M.S./D.D.S.)

Master of Science, Gerontology/Master of Health Administration (M.S./M.H.A.)

Master of Science, Gerontology/Master of Planning (M.S./M.Pl.)

Master of Science, Gerontology/Master of Public Administration (M.S./M.P.A.)

Master of Science, Gerontology/Master of Social Work (M.S./M.S.W.)

Master of Landscape Architecture/Master of Planning (M.L.Arch./M.Pl.)

Juris Doctor/Master of Business Administration (J.D./M.B.A.)

Juris Doctor/Master of Business Taxation (J.D./M.B.T.)

Juris Doctor/Master of Communication Management (J.D./M.C.M.)

Juris Doctor/Master of Arts, Economics (J.D./M.A.)

Juris Doctor/Master of Science, Gerontology (J.D./M.S.)

Juris Doctor/Master of Arts, International Relations (J.D./M.A.)

Juris Doctor/Master of Laws (J.D./LL.M.)

Juris Doctor/Master of Arts, Philosophy (J.D./M.A.)

Juris Doctor/Doctor of Pharmacy (J.D./Pharm.D.)

Juris Doctor/Doctor of Philosophy in Politics and International Relations (J.D./Ph.D.)

Juris Doctor/Master of Public Administration (J.D./M.P.A.)

Juris Doctor/Master of Public Policy (J.D./M.P.P.)

Juris Doctor/Master of Real Estate Development (J.D./M.R.E.D.)

Juris Doctor/Master of Arts, Religion and Social Ethics (J.D./M.A.)

Juris Doctor/Master of Social Work (J.D./M.S.W.)

Master of Planning/Master of Arts, Economics (M.Pl./M.A.)

Master of Planning/Master of Public Administration (M.Pl./M.P.A.)

Master of Planning/Master of Real Estate Development (M.Pl./M.R.E.D.)

Master of Planning/Master of Social Work (M.Pl./M.S.W.)

Master of Public Administration/Master of Arts, Jewish Communal Service (M.P.A./M.A.)

Master of Public Administration/Master of Social Work (M.P.A./M.S.W.)

Master of Public Art Studies/Master of Planning (M.P.A.S./M.Pl.)

Master of Public Policy/Master of Planning (M.P.P./M.Pl.)

Master of Social Work/Master of Arts, Jewish Communal Service (M.S.W./M.A.)

University Graduate Certificates

School of Architecture
Building Science
Historic Preservation

Marshall School of Business
Information Systems and Supply Chain Management
Optimization and Supply Chain Management
Supply Chain Strategy
Technology Commercialization

School of Cinema-Television
Writing for Screen and Television

Annenberg School for Communication
Entertainment Communication Management
Health Communication Management
International and Global Communication Management
Marketing Communication Management
New Communication Technologies
Strategic Corporate and Organizational Communication Management

School of Dentistry
Advanced Education in General Dentistry
Advanced Endodontics
Advanced Oral and Maxillofacial Surgery
Advanced Orthodontics
Advanced Pediatric Dentistry

Advanced Periodontology
Advanced Programs in Dental Education
Advanced Prosthodontics
Craniofacial Biology
Orofacial Pain and Oral Medicine

Viterbi School of Engineering
Astronautics and Space Technology
 Astronautical Engineering
Civil Engineering
 Transportation Systems
 Computer-Aided Engineering
Computer Science
 Software Engineering
Electrical Engineering
 Systems Architecture and Engineering
Engineering Technology Commercialization

Environmental Engineering
   Environmental Sciences, Policy and
      Engineering Sustainable Cities
      (offered with Geography)
Industrial and Systems Engineering
   System Safety and Security
Petroleum Engineering
   Smart Oilfield Technologies

Leonard Davis School of Gerontology
Gerontology

Division of Independent Health Professions
Biokinesiology and Physical Therapy
   Neurologic Physical Therapy
   Orthopedic Physical Therapy
Occupational Science and Occupational
   Therapy
   Occupational Therapy

College of Letters, Arts and Sciences
Anthropology
   Visual Anthropology
Art History
   History of Collecting and Display
   Visual Studies
East Asian Studies
   East Asian Studies
Foreign Language Teaching
Gender Studies
   Gender Studies
Geography
   Geographic Information Science

Keck School of Medicine
Cell and Neurobiology and Preventive
   Medicine
   Clinical and Biomedical Investigations

Thornton School of Music
Performance
Scoring for Motion Pictures and Television
Artist Diploma

**School of Policy, Planning, and
Development**
Administration of Programs in Long Term
   Care
Executive Administration of Mental Health
   Programs
Management of Ambulatory Care Systems
Public Financial Management
Public Management
Public Policy
Public Policy Analysis and Management
Training and Human Resources
   Development
Transportation Systems

School of Social Work
Nurse Social Work Practitioner in Case
   Management

Urban Neighborhood Studies
Urban and Global Studies