

UCLA Graduate Programs

Proposed Learning Outcomes for Graduate MASTER'S Programs

School or College Division	Department	Sort order	Program (Degree)	Program	Level	Program Requirement	Proposed Learning Objective	Assessment Mechanism
Anderson School of Management	Management – Business Analytics MS	BUSANAL-M1	Management – Business Analytics MS (Master's)	Management – Business Analytics MS	Master's	Field Experience: Summer Internship required M.S. in Business Analytics students are required to do an internship with a company in their proposed area of study (business analytics). Students should expect to devote at least 80 hours during the term to their internship, and should be prepared to provide regular activity reports to their faculty advisor.	Gain knowledge and skills from field experience	Various
Anderson School of Management	Management – Business Analytics MS	BUSANAL-M2	Management – Business Analytics MS (Master's)	Management – Business Analytics MS	Master's	Capstone Plan: The capstone plan requirement is fulfilled by successful completion of the applied business analytics 2-unit project course; MGMTMSA 412 with a grade of "B" or better. Teams of students complete a project which is designed to provide an in-depth exposure to at least one major task they will be expected to fulfill in the workplace. The project will develop or utilize existing business analytics tools and techniques.	Gain knowledge of advanced topics and skills in the field of Business Analytics; conduct research	Review of Project
Anderson School of Management	Management – Executive MBA	EXECMBA-M1	Management – Executive MBA (Master's)	Management – Executive MBA	Master's	Capstone Plan: The capstone plan requirement is fulfilled by successful completion of the three courses of the Strategic Management Research Program (MGMT 470 A, B, C) with a grade of "B" or better. Teams of students complete an original applied research project that integrates and expands students' capacity to solve complex business problems.	Gain knowledge of advanced topics and skills in the field of Management; conduct research	Review of Project
Anderson School of Management	Management – Fully Employed MBA (FEMBA)	FEMBA-M1	Management – Fully Employed MBA (FEMBA) (Master's)	Management – Fully Employed MBA (FEMBA)	Master's	Capstone Plan: The capstone plan requirement is fulfilled by successful completion of either of the two courses of the Management Field Study Program (MGMT 427A/B or 457) with a grade of "B" or better. Teams of students work with client firms or on their own start-up company to create strategic business or consulting plans.	Gain knowledge of advanced topics and skills in the field of Management; conduct research	Review of Project
Anderson School of Management	Management – Global Executive MBA for Asia Pacific	GLBLEXECMBA-M1	Management – Global Executive MBA for Asia Pacific (Master's)	Management – Global Executive MBA for Asia Pacific	Master's	Capstone Plan: The capstone plan requirement is fulfilled by successful completion of the two courses of the Management Practicum Program (MGMT 471 A and B) with a grade of "B" or better. Teams of students work with client firms to address global strategic issues.	Gain knowledge of advanced topics and skills in the field of Management; conduct research	Review of Project
Anderson School of Management	Management – Master of Financial Engineering	FINENGR-M1	Management – Master of Financial Engineering (MFE)	Management – Master of Financial Engineering	Master's	Field Experience: Internship required. M.F.E. students are required to do an internship with a company in their proposed area of study (financial engineering). The summer quarter is the primary time to satisfy this requirement; however, internships may be pursued during the spring or fall terms. Students should expect to devote at least 120 hours during the term to their internship, and should be prepared to provide regular activity reports to their faculty advisor.	Gain knowledge and skills from field experience	Various
Anderson School of Management	Management – Master of Financial Engineering	FINENGR-M2	Management – Master of Financial Engineering (MFE)	Management – Master of Financial Engineering	Master's	Capstone Plan: The capstone plan requirement is fulfilled by successful completion of the Applied Finance Project (MGMT MFE 410) course with grade of "B" or better. Teams of students complete an original applied research project that will develop or utilize existing quantitative finance tools and techniques. The project is designed to provide an in depth exposure to at least one major task students will be expected to fulfill in the workplace.	Gain knowledge of advanced topics and skills in the field of Financial Engineering; conduct research	Review of Project
Anderson School of Management	Management – MBA	MBA-M1	Management – MBA (Master's)	Management – MBA	Master's	Candidates for the M.B.A. program are required to do a minimum one-quarter internship with a company in their proposed area of study (e.g. finance, marketing, consulting). The summer between the first and second years is the preferred time to satisfy this requirement; however, internships may be pursued during the Fall, Winter or Spring terms. Candidates should wait until their second quarter in the M.B.A. program to begin satisfying this requirement. Candidates should expect to devote at least 120 hours during the term to their internship, and should be prepared to provide regular activity reports to their faculty advisor.	Gain knowledge and skills from field experience	Various

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Anderson School of Management	Management – MBA	MBA-M2	Management – MBA (Master's)	Management – MBA	Master's	Capstone Plan: The capstone plan requirement is fulfilled by successful completion of the 10 unit Applied Management Research Project (MGMT 444A, 444B and 444C) with a grade of “B” or better. Teams of M.B.A. students complete an original applied research project that integrates and expands students' capacity to solve complex business problems.	Gain knowledge of advanced topics in the field of Management; conduct research	Review of Project
Anderson School of Management	Management – MS	MSPHD-M1	Management – MS (Master's)	Management – MS	Master's	Capstone Plan: The capstone plan culminates with a comprehensive examination, which is the same comprehensive examination administered to PhD students after their second year of study.	Gain knowledge of advanced topics in the field of Management	Examination - Comprehensive
Anderson School of Management	Management – MS	MSPHD-M2	Management – MS (Master's)	Management – MS	Master's	Thesis Plan: The thesis must be finished within one year after all required course work is completed. A student lacking a strong prerequisite background nominates a thesis committee by the fifth quarter of study and presents a proposal for committee approval at the beginning of the sixth quarter.	Perform original, independent research	Review of Thesis
Arts & Architecture, School of the	Architecture & Urban Design	ARCH-M1	Architecture (Master's)	Architecture - MA	Master's	Thesis Plan: All M.A. students must complete a master's thesis. For more information, see the departmental handbook.	Perform original, independent research	Review of Thesis
Arts & Architecture, School of the	Architecture & Urban Design	M.ARCH.II-M1	Architecture – M.Arch.II (Master's)	Architecture – M.Arch.II	Master's	Capstone Plan: All M. Arch. II students must complete a capstone. The capstone requirement is fulfilled through the completion of Architecture and Urban Design 403C in spring quarter and the final design project for this course. (details)	Gain knowledge of topics in the field of Architecture; engage in architectural design	Review of Project
Arts & Architecture, School of the	Architecture & Urban Design	M.ARCH.I-M1	Architecture – M.Arch.I (Master's)	Architecture – M.Arch.I	Master's	Capstone Plan: All M.Arch. I students must complete the capstone plan, a requirement that is satisfied as follows: The capstone requirement is fulfilled through the completion of Architecture and Urban Design 403C in spring quarter and the final design project for this course. (details) Architecture M.Arch. I /Urban Planning, M.A. Students in the concurrent degree program must meet the thesis/ capstone plan requirements separately for each department. In Architecture and Urban Design, the capstone plan requirement is met through Architecture and Urban Design 403C, as outlined above. (details)	Gain knowledge of advanced topics in the field of Architecture; engage in architectural design	Review of Project
Arts & Architecture, School of the	Art	ART-M1	Art - MFA (Master's)	Art - MFA	Master's	Capstone Plan: In addition to the completion of the required course work, each degree is awarded on the basis of the quality of the student's work as demonstrated in the exhibition which is part of the comprehensive examination. The examination includes a formal exhibition and faculty review, in addition to the submission of a curriculum vitae, documentation of artwork, and a statement by the artist. The document becomes the property of and is retained by the university.	Create a substantial body of work that demonstrates candidate's readiness to pursue a professional art practice.	Examination - Comprehensive
Arts & Architecture, School of the	Design Media Arts		Design Media Arts - MFA (Master's)	Design Media Arts - MFA	Master's	Based on learning objectives developed by program faculty	Acquire and develop technical and craft skills in media arts	Various
Arts & Architecture, School of the	Design Media Arts		Design Media Arts - MFA (Master's)	Design Media Arts - MFA	Master's	Based on learning objectives developed by program faculty	Build a thorough theoretical foundation in media history, develop unique discursive framework through writing, research and interdisciplinary engagement with other departments at UCLA	Various
Arts & Architecture, School of the	Design Media Arts		Design Media Arts - MFA (Master's)	Design Media Arts - MFA	Master's	Based on learning objectives developed by program faculty	Develop and hone a sophisticated and coherent body of artwork through critique and seminar courses, group and solo exhibitions, and one-on-one faculty mentorship	Various

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Arts & Architecture, School of the	World Arts & Cultures/Dance	CLTPRF-M1	Culture & Performance - MA (Master's)	Culture & Performance - MA	Master's	Foreign Language Requirement: Students in the Master's degree program must demonstrate competence in one foreign language. The purpose of the language requirement is to ensure that students have the necessary skills to conduct independent research. Any foreign language useful for field study and/or library research in their topics or major field of study and geo-cultural regions of choice is acceptable. The appropriateness of a particular language should be discussed with the student's faculty adviser. The language requirement must be completed before students file the advancement to candidacy petition for the degree. The language requirement may be met by: 4 options	Attain foreign language skills	Various
Arts & Architecture, School of the	World Arts & Cultures/Dance	CLTPRF-M2	Culture & Performance - MA (Master's)	Culture & Performance - MA		Teaching Experience: Teaching experience is encouraged but not required.	Gain teaching skills	Various
Arts & Architecture, School of the	World Arts & Cultures/Dance	CLTPRF-M3	Culture & Performance - MA (Master's)	Culture & Performance - MA		Field Experience: Field experience is not required but is expected of students whose theses are based on ethnographic research.	Gain knowledge and skills from field experience	Various
Arts & Architecture, School of the	World Arts & Cultures/Dance	CLTPRF-M4	Culture & Performance - MA (Master's)	Culture & Performance - MA	Master's	Capstone Plan: Students who select this plan take a comprehensive examination that consists of three essay questions (chosen from six possible questions) posed by the student's M.A. committee members. The questions are based on reading lists developed in advance by the student in consultation with the student's M.A. committee members. This examination is designed to test the student's knowledge of theories and methods in their research field, as well as their ability to apply these ideas and techniques to the study of particular traditions, genres, geo-cultural areas, social groups, or historical periods. (details)	Gain knowledge of advanced topics in the field of Culture & Performance	Examination - Comprehensive
Arts & Architecture, School of the	World Arts & Cultures/Dance	CLTPRF-M5	Culture & Performance - MA (Master's)	Culture & Performance - MA	Master's	Thesis Plan: The purpose of the Master's thesis is to demonstrate a student's ability to conduct research in their chosen field, to interpret the results, to demonstrate the relevance of the work to conceptual and practical issues in selected disciplines, and to present the findings in lucid prose. Students who pursue this plan must submit an acceptable thesis, prepared under the direction of their faculty adviser and thesis committee. The thesis committee should be appointed no later than winter quarter of the student's second year. Master's degree students who seek to apply to the doctoral program in Culture and Performance are advised to select the master's thesis plan as preparation for their doctoral studies.	Perform original, independent research	Review of Thesis
Arts & Architecture, School of the	World Arts & Cultures/Dance	DNC-M1	Dance - MFA (Master's)	Dance - MFA (Master's)		Teaching Experience: Teaching experience is not a requirement. However, it is highly recommended for those who plan to teach in their area of specialization	Gain teaching skills	Various
Arts & Architecture, School of the	World Arts & Cultures/Dance	DNC-M2	Dance - MFA (Master's)	Dance - MFA (Master's)		Field Experience: Field Experience is not required. However, engagement with the community is encouraged.	Gain knowledge and skills from field experience	Various
Arts & Architecture, School of the	World Arts & Cultures/Dance	DNC-M3	Dance - MFA (Master's)	Dance - MFA (Master's)	Master's	Capstone Plan: The M.F.A. degree follows the Capstone Plan towards completion of degree. An individual project evaluated by the candidate's proposed three-member Capstone Plan Committee is required. The preliminary requirements of the individual project include a research paper, and a written proposal of the student's final project and presentation of the proposed works. (details)	Create choreography	Review of Project and Paper
College - Humanities	Art History	ARTHIS-M1	Art History (Master's)	Art History	Master's	Foreign Language Requirement: A reading knowledge of one foreign language approved by the department is required for the M.A. degree. Students may not begin the fourth quarter of residence without having fulfilled this requirement. (details)	Attain foreign language skills	Various

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College - Humanities	Art History	ARTHIS-M2	Art History (Master's)	Art History	Master's	Thesis Plan: The student selects a thesis topic in the major field. The thesis should deal succinctly with the topic in an independent, critical, and original fashion while taking fully into account the present state of research on the problem. (details)	Perform original, independent research	Review of Thesis
College - Humanities	Asian Languages & Cultures	ASIALC-M1	Asian Languages & Cultures (Master's)	Asian Languages & Cultures	Master's	Foreign Language Requirement: During the first two years of residency, students at the M.A. degree level are required to have developed proficiency in relevant languages equivalent to the proficiency gained through completing a B.A. degree in their subject. (details)	Attain foreign language skills	Various
College - Humanities	Asian Languages & Cultures	ASIALC-M2	Asian Languages & Cultures (Master's)	Asian Languages & Cultures	Master's	Capstone Plan: Students, in consultation with their faculty adviser, must determine their three comprehensive examination fields. Students then must take at least one seminar in each of their three comprehensive examination fields. The comprehensive examination consists of the submission of three seminar research papers and evaluation of them by the ad hoc committee chaired by the candidate's principal adviser, and an oral examination based on those papers. The committee must be formally approved by the Director of Graduate Studies or the chair before the circulation of the seminar papers and the oral examination. A translation examination in the student's language of specialization must also be taken unless the student has taken courses to fulfill the language requirement or has demonstrated proficiency. The evaluation of the three seminar papers by the ad hoc committee and of the oral examination based on the papers determines whether students are admitted to the Ph.D. program.	Gain knowledge of advanced topics in the field of Asian Languages & Cultures; conduct research	Examination - Comprehensive
College - Humanities	Asian Languages & Cultures	ASIALC-TCH-M1	Teaching Asian Languages (Master's)	Teaching Asian Languages	Master's	Foreign Language Requirement: Students at the M.A. degree in Teaching Asian Languages are required to have or develop proficiency in relevant languages as detailed.	Attain foreign language skills	Various
College - Humanities	Asian Languages & Cultures	ASIALC-TCH-M2	Teaching Asian Languages (Master's)	Teaching Asian Languages	Master's	Field Experience: Three courses (Asian 206A-B-C) on Teaching Practicum at local schools are required.	Gain knowledge and skills from field experience; gain teaching experience	Various
College - Humanities	Asian Languages & Cultures	ASIALC-TCH-M3	Teaching Asian Languages (Master's)	Teaching Asian Languages	Master's	Capstone Plan: Students, in consultation with their faculty adviser, must determine their three comprehensive examination fields (e.g., acquisition of grammar as opposed to phonological development of L2 speakers and use of pragmatic markers). The comprehensive examination, which emphasizes diverse areas of study, consists of the submission of three research papers (at least one language pedagogy paper and two seminar papers) to be evaluated by the ad hoc committee chaired by the student's principal adviser. One of the three papers can be written in the target language, but this is optional.	Gain knowledge of advanced topics in the field of Asian Languages; conduct research	Examination - Comprehensive
College - Humanities	Classics	CLASSIC-M1	Classics (Master's)	Classics	Master's	Foreign Language Requirement: In addition to taking courses in Greek and/or Latin, students must demonstrate proficiency in German and either French or Italian. Proficiency in one language is required for the M.A. degree and in the other for the Ph.D. degree. This proficiency may be demonstrated either by passing German 5, French 5, or Italian 5 at UCLA (or an equivalent course) with a minimum grade of B, or by passing a one-hour written translation examination administered by the department. Students may petition, with departmental approval, to use equivalent course work completed at other institutions to meet this requirement.	Attain foreign language skills	Various
College - Humanities	Classics	CLASSIC-M2	Classics (Master's)	Classics	Master's	Teaching Experience: Consult the department.	Gain teaching skills	Various

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College - Humanities	Classics	CLASSIC-M3	Classics (Master's)	Classics	Master's	Capstone Plan: The department's capstone plan consists of a comprehensive examination plus an individual project. Students take an examination in each of the two courses from Greek 200A-200B-200C and each of the two courses from Latin 200A-200B-200C that are required for the M.A. degree. Students must earn a grade of B or better in each of these four courses to pass the comprehensive examination. In order to be admitted to the Ph.D. program, students must earn a grade of B or better on both the essay and translation sections of the exam and at least a B+ on the whole examination in each of these four examinations. For the individual project portion of this plan, students submit a research paper in winter quarter of their second year. In consultation with a faculty mentor, the student has revised this paper, which may be one previously submitted in a seminar in the M.A. program. The mentor and a second faculty member evaluate the revised paper, which is due on the last day of classes of winter quarter. Students must receive a grade of at least A- on this revised paper in order to complete the capstone and be admitted to the Ph.D. program. Shortly after submitting this paper, in winter or spring quarter of the second year, the student presents it to the department as a lecture and takes questions from the audience.	Gain knowledge of advanced topics in the field of Classics; conduct research	Examination - Comprehensive; Review of Paper
College - Humanities	Classics	GREEK-M1	Greek (Master's)	Greek	Master's	Foreign Language Requirement: In addition to taking courses in Greek, students must demonstrate proficiency in German, French, or Italian, either by passing German 5, French 5, or Italian 5 at UCLA (or an equivalent course) with a minimum grade of B, or by passing a one-hour written translation examination administered by the department.	Attain foreign language skills	Various
College - Humanities	Classics	GREEK-M2	Greek (Master's)	Greek	Master's	Teaching Experience: Consult the department.	Gain teaching skills	Various
College - Humanities	Classics	GREEK-M3	Greek (Master's)	Greek	Master's	Capstone Plan: The department follows the capstone plan. Students take an examination in each of the two courses from Greek 200A-200B-200C and each of the two courses from Latin 200A-200B-200C that are required for the M.A. degree. Students must earn a grade of B+ or better on each of these four examinations in order to qualify for a terminal M.A. degree or to be admitted to the Ph.D. program. Students who elect to receive an M.A. degree in Greek take an examination in all three of Greek 200A-200B-200C, and must earn a grade of B+ or better on each of these examinations. As part of the requirements for this plan, students also submit a revised seminar paper in winter quarter of their second year. A student must receive a grade of at least A- on this paper in order to qualify for a terminal M.A. degree or to be admitted to the Ph.D. program. In consultation with a faculty mentor, the student revises a paper previously submitted in a seminar in the M.A. program. A committee of two faculty members evaluates the revised paper. Shortly after submitting this paper in winter or spring quarter of the second year, the student presents it at a departmental seminar and leads discussion on relevant bibliography agreed upon with the faculty mentor. Students who elect to receive an M.A. degree in Greek also must satisfy the essay requirement.	Gain knowledge of advanced topics in the field of Greek; conduct research	Examination; Review of Paper
College - Humanities	Classics	LATIN-M1	Latin (Master's)	Latin	Master's	Foreign Language Requirement: In addition to taking courses in Latin, students must demonstrate proficiency in German, French, or Italian, either by passing German 5, French 5, or Italian 5 at UCLA (or an equivalent course) with a minimum grade of B, or by passing a one-hour written translation examination administered by the department.	Attain foreign language skills	Various
College - Humanities	Classics	LATIN-M2	Latin (Master's)	Latin	Master's	Teaching Experience: Consult the department.	Gain teaching skills	Various

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College - Humanities	Classics	LATIN-M3	Latin (Master's)	Latin	Master's	Capstone Plan: The department follows the capstone plan. Students take an examination in each of the two courses from Greek 200A-200B-200C and each of the two courses from Latin 200A-200B-200C that are required for the M.A. degree. Students must earn a grade of B+ or better on each of these four examinations in order to qualify for a terminal M.A. degree or to be admitted to the Ph.D. program. Students who elect to receive an M.A. degree in Latin take an examination in all three of Latin 200A-200B-200C, and must earn a grade of B+ or better on each of these examinations. As part of the requirements for this plan, students also submit a revised seminar paper in winter quarter of their second year. A student must receive a grade of at least A- on this paper in order to qualify for a terminal M.A. degree or to be admitted to the Ph.D. program. In consultation with a faculty mentor, the student revises a paper previously submitted in a seminar in the M.A. program. A committee of two faculty members evaluates the revised paper. Shortly after submitting this paper in winter or spring quarter of the second year, the student presents it at a departmental seminar and leads discussion on relevant bibliography agreed upon with the faculty mentor. Students who elect to receive an M.A. degree in Latin also must satisfy the essay requirement.	Gain knowledge of advanced topics in the field of Latin; conduct research	Examination
College - Humanities	Comparative Literature	COMLIT-M1	Comparative Literature (Master's)	Comparative Literature	Master's	Foreign Language Requirement: Proficiency in the language of the major field is an essential prerequisite for courses and degrees in Comparative Literature. Before completing the Ph.D., students must demonstrate knowledge of two languages other than English. At least one of the two required foreign languages must be completed prior to the Second Year Review/MA Exam (i.e. by Spring Quarter of a student's second year in the program). Proficiency in one language must be certified by completing two or more upper division and/or graduate literature courses, taken for a letter grade in the appropriate language department. Students must demonstrate language competency beyond the intermediate level (or, the equivalent of two years of instruction at UCLA) in order to enroll in these courses.	Attain foreign language skills	Various
College - Humanities	Comparative Literature	COMLIT-M2	Comparative Literature (Master's)	Comparative Literature	Master's	Teaching Experience: Departmental teaching experience is not required; however, Teaching Apprentice (TA) appointments are routinely offered to all graduate students who have completed COM LIT 495.	Gain teaching skills	Various
College - Humanities	Comparative Literature	COMLIT-M3	Comparative Literature (Master's)	Comparative Literature	Master's	Capstone Plan: Second Year Review/M.A. Exam (details) Students in the Department of Comparative Literature are required to undergo a Second Year Review/M.A. Exam during the spring quarter of their second year. Prior to the review, students must complete a minimum of 12 seminars, and at least one of the two required foreign languages. Students must convene a review/exam committee comprised of three faculty members; one of these three faculty members must be the Director of Graduate Studies, and at least one other must be faculty in the Department of Comparative Literature. Students are required to choose two seminar papers (with or without revisions) and circulate them among the review committee at least two weeks in advance of the review. Both form and content are evaluated and discussed during the Review. Students who enter the program with an M.A. in Comparative Literature must hold a Second Year, but will not be awarded an M.A. from UCLA. Students who do not hold a Comparative Literature M.A. upon entering the Ph.D. program may be awarded an M.A., contingent upon successful completion of the Second Year Review, coursework, and language proficiency requirement.	Gain knowledge of advanced topics in the field of Comparative Literature; conduct research	Examination

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College - Humanities	English	ENGL-M1	English (Master's)	English	Master's	Foreign Language Requirement: Students who do not intend to continue for the Ph.D. degree may fulfill the language requirement by demonstrating a reading knowledge of any foreign language. This requirement should be satisfied at the beginning of the first quarter of residence, but in any event no later than the mid-point of the quarter in which all degree requirements are completed.	Attain foreign language skills	Various
College - Humanities	English	ENGL-M2	English (Master's)	English	Master's	Teaching Experience: Although teaching experience is not required, students have the opportunity to serve as a teaching assistant after passing the English 495A requirement and spending at least one year in the program. Teaching assignments are not automatically offered to students but are awarded on the basis of merit.	Gain teaching skills	Various
College - Humanities	English	ENGL-M3	English (Master's)	English	Master's	Capstone Plan: Students in the Ph.D. program who do not already hold an M.A. in English receive the M.A. degree after they have satisfied one foreign language requirement, completed course requirements, and passed the first qualifying examination (see Written and Oral Qualifying Examinations under Doctoral Degree) which also serves as the master's comprehensive examination.	Gain knowledge of advanced topics in the field of English; conduct research	Examination - Comprehensive
College - Humanities	English	ENGL-M4	English (Master's)	English	Master's	Thesis Plan: Students may select the thesis plan for the M.A. degree after a maximum of two years in the program. They must request a committee from the Vice Chair a minimum of two quarters before completion of the program. The committee consists of three faculty members who meet as a group with the student to consider the thesis proposal. The thesis must not be less than 40 pages (10,000 words) or more than 60 pages (15,000 words) in length.	Perform original, independent research	Review of Thesis
College - Humanities	French & Francophone Studies	FRNCH-M1	French & Francophone Studies (Master's)	French & Francophone Studies	Master's	Foreign Language Requirement: During the first two years of study, students are expected to make satisfactory progress toward fulfillment of the first foreign language requirement for the doctoral degree (listed under Doctoral Degree). Students who decide not to pursue the doctoral degree and to leave the graduate program must have completed the first foreign language requirement in order to receive the M.A. degree.	Attain foreign language skills	Various
College - Humanities	French & Francophone Studies	FRNCH-M2	French & Francophone Studies (Master's)	French & Francophone Studies	Master's	Capstone Plan: The capstone requirement is met through two reviews, assessing academic performance and other evidence of professional promise. 1. An expanded paper term paper. (details) 2. The oral review (details)	Gain knowledge of advanced topics in the field of French & Francophone Studies; conduct research	Examination - Oral; Review of Paper
College - Humanities	Germanic Languages	GERMAN-M1	Germanic Languages (Master's)	Germanic Languages	Master's	Foreign Language Requirement: A reading knowledge of a language other than German or English must be demonstrated before the chair can approve the master's advancement to candidacy petition. This requirement can be fulfilled by receiving a grade of B or better in Dutch 120 and Dutch 131 or in one of these courses: Dutch 103C, French 1G, Yiddish 101C, the fifth quarter course in the chosen language or an upper division literature course in which texts are read in the chosen language. Students also may fulfill the foreign language requirement by demonstrating to the satisfaction of the Director of Graduate Studies that equivalent requirements were met at another post-secondary institution or in some other way. The choice of language and the means of fulfillment of the requirement must be agreed upon in advance by the student and the Director.	Attain foreign language skills	Various

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College - Humanities	Germanic Languages	GERMAN-M2	Germanic Languages (Master's)	Germanic Languages	Master's	Capstone Plan: Examinations are offered each quarter, beginning with the written part during the fifth week of each quarter. Under exceptional circumstances, the chair of the department will receive petitions for M.A. examinations during the summer recess. One examination committee is appointed for each quarter. The members of the committee administer the written and oral examinations.	Gain knowledge of advanced topics in the field of Germanic Languages	Examination - Written
College - Humanities	Germanic Languages	GERMAN-M2	Germanic Languages (Master's)	Germanic Languages	Master's	Capstone Plan: Examinations are offered each quarter, beginning with the written part during the fifth week of each quarter. Under exceptional circumstances, the chair of the department will receive petitions for M.A. examinations during the summer recess. One examination committee is appointed for each quarter. The members of the committee administer the written and oral examinations.	Gain knowledge of advanced topics in the field of Germanic Languages	Examination - Oral
College - Humanities	Germanic Languages	GERMAN-M3	Germanic Languages (Master's)	Germanic Languages	Master's	Thesis Plan: In lieu of the written examination requirement, students may submit a thesis. Students in Plan B who elect to submit a thesis must, however, complete a two-hour oral examination in the area of their thesis as well as in two other areas of concentration in order to be approved for further doctoral study. Students in Plan C who elect the thesis option are required to take one two-hour written examination in addition to the thesis.	Perform original, independent research	Review of Thesis
College - Humanities	Germanic Languages	SCAND-M1	Scandinavian (Master's)	Scandinavian	Master's	Foreign Language Requirement: Students are required to demonstrate knowledge of three Scandinavian languages: fluency in one Scandinavian language (Danish, Norwegian, Swedish) and reading knowledge of the other two Scandinavian languages. Fluency of a language may be established by: (1) passing a departmental examination or (2) successfully completing one graduate-level course in the original language. Reading knowledge of a language may be established by: (1) passing a departmental examination or (2) successfully completing one upper-division literature course in the original language.	Attain foreign language skills	Various
College - Humanities	Germanic Languages	SCAND-M2	Scandinavian (Master's)	Scandinavian	Master's	Capstone Plan: A comprehensive examination, based on the required course work and a reading list, is required of all candidates for the M.A. degree. The examination is given whenever the student has completed the course requirements and feels prepared to be examined on both the course work and the reading list. The comprehensive examination is both written and oral; students who fail may be reexamined once without petitioning.	Gain knowledge of advanced topics in the field of Scandinavian Languages	Examination - Comprehensive
College - Humanities	Italian	ITALIAN-M1	Italian (Master's)	Italian	Master's	Foreign Language Requirement: A reading knowledge of one foreign language other than Italian is required for the M.A. degree. The choice of language must be approved by the graduate adviser. Students may demonstrate reading knowledge through departmental examination or successful completion of undergraduate course work in the target language through at least level 3. This requirement must be met at least one quarter before the comprehensive examination.	Attain foreign language skills	Various
College - Humanities	Italian	ITALIAN-M2	Italian (Master's)	Italian	Master's	Capstone Plan: The department prefers that students follow the capstone plan, which consists of a minimum five-hour written examination. The examination tests the student's general competency and does not have major and minor fields of emphasis. Following the written examination, students must take an oral examination.	Gain knowledge of advanced topics in the field of Italian	Examination - Written
College - Humanities	Italian	ITALIAN-M2	Italian (Master's)	Italian	Master's	Capstone Plan: The department prefers that students follow the capstone plan, which consists of a minimum five-hour written examination. The examination tests the student's general competency and does not have major and minor fields of emphasis. Following the written examination, students must take an oral examination.	Gain knowledge of advanced topics in the field of Italian	Examination - Oral

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College - Humanities	Italian	ITALIAN-M3	Italian (Master's)	Italian	Master's	Thesis Plan: This plan may be approved for research-oriented students of exceptional merit. Students who have completed the first year of graduate work with at least a 3.7 grade-point average may be nominated by one of the faculty members of the department for application to the thesis plan. If the nomination is accepted by the faculty, a three-member thesis committee is submitted to the Graduate Division for appointment. At this point the student must have completed Italian 205 and at least two other graduate courses in Italian. On acceptance, the guidance committee helps the student choose courses in preparation for the thesis.	Perform original, independent research	Review of Thesis
College - Humanities	Linguistics	LING-M1	Linguistics (Master's)	Linguistics	Master's	Capstone Plan: The capstone plan is only for students who will be receiving a terminal degree. After completing the required courses, the student must pass a comprehensive examination administered by a committee of the faculty. The committee, consisting of three members, is appointed by the student. This examination is normally an oral examination, general in scope, and results in a terminal master's degree. Requirements for receiving a master's degree include the filing of a petition for advancement to candidacy form early in the quarter during which the student expects to receive the degree.	Gain knowledge of advanced topics in the field of Linguistics	Examination - Oral
College - Humanities	Linguistics	LING-M2	Linguistics (Master's)	Linguistics	Master's	The master's paper is the normal option and is required for all students who are continuing on for the doctoral degree. After completing the required courses for the master's degree, the student submits a paper based on original research to a committee for approval. For students who wish to be considered for advancement into the doctoral program, copies of the paper, complete and clearly legible but not necessarily in final form, must be given to the committee and the student affairs officer at least two weeks before the last day of classes of the quarter. Requirements for receiving a master's degree include the filing of a petition for advancement to candidacy form early in the quarter during which the student expects to receive the degree. The paper can be submitted to the University as a thesis, in which case it must be prepared in accord with formatting standards set by the University; information on this is available on the Graduate Division website.	Gain knowledge of advanced topics in the field of Linguistics	Review of Master's Paper
College - Humanities	Near Eastern Languages & Cultures	ISLMST-M1	Islamic Studies (Master's)	Near Eastern Languages & Cultures	Master's	Foreign Language Requirement: Other than the language proficiency required for admission to the program, there is no foreign language requirement for the master's degree. Students who plan to go on for the Ph.D. degree in this program are encouraged to achieve required levels of proficiency in their research languages early in their graduate study so that language skills will be of maximum benefit. Students should see the doctoral language requirement under Doctoral Degree.	Attain foreign language skills	Various
College - Humanities	Near Eastern Languages & Cultures	ISLMST-M2	Islamic Studies (Master's)	Islamic Studies	Master's	Capstone Plan: Students are required to take written final comprehensive examinations in their three fields of study. Further details can be found in the departmental Guide to Graduate Studies, available in the department.	Gain knowledge of advanced topics in the field of Islamic Studies	Examination - Written

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School or College Division	Department	Sort order	Program (Degree)	Program	Level	Program Requirement	Proposed Learning Objective	Assessment Mechanism
College - Humanities	Near Eastern Languages & Cultures	NREAST-M1	Near Eastern Languages & Cultures (Master's)	Near Eastern Languages & Cultures	Master's	Foreign Language Requirement Students are required to pass an examination in one major modern research language other than English by the beginning of their fourth quarter in residence. Students in the master's degree program specializing in Arabic, study an Arabic dialect rather than a major modern research language. The choice of the language is determined in consultation with their faculty advisor. Students may satisfy this requirement by one of the following methods: (1) a departmentally-administered examination with a Pass; or (2) two years of language instruction at a UC campus, with a grade of B or better. If students intend to continue toward the Ph.D. degree, it is strongly recommended that they acquire knowledge of a second major research language other than English while still a candidate for the M.A. degree. For modern language exams only, students are able to repeat a failed individual exam up to three times in subsequent quarters over a span of two years. Language proficiency must be demonstrated at the time of the scheduling of the written final comprehensive exam for the master's degree.	Attain foreign language skills	Various
College - Humanities	Near Eastern Languages & Cultures	NREAST-M2	Near Eastern Languages & Cultures (Master's)	Near Eastern Languages & Cultures	Master's	Teaching Experience: Not required. In order to teach Arabic, graduate students from any discipline are required to complete Arabic 496 (Arabic Language Pedagogy) or the equivalent as determined by the Arabic faculty.	Gain teaching skills	Various
College - Humanities	Near Eastern Languages & Cultures	NREAST-M3	Near Eastern Languages & Cultures (Master's)	Near Eastern Languages & Cultures	Master's	Capstone Plan: In general, students are required to take written final comprehensive examinations in their major and minor languages, as well as the history and literature of their major field. Further details can be found in the departmental Guide to Graduate Studies, available in the department.	Gain knowledge of advanced topics in the field of Near Eastern Languages & Cultures	Examination - Written
College - Humanities	Philosophy	PHILOS-M1	Philosophy (Master's)	Philosophy	Master's	Capstone Plan: Students working toward the M.A. degree must pass the master's comprehensive examination, which consists of three different examinations. One of the three examinations is scheduled after each of the three first-year seminars. The comprehensive examination is passed or failed as a whole; this does not necessarily require passing of all three parts. In case of failure, the examination may be repeated by permission of the department. Students should consult the Manual for Graduate Students in Philosophy for further information about this examination.	Gain knowledge of advanced topics in the field of Philosophy	Examination - Comprehensive
College - Humanities	Slavic, East European, & Eurasian Languages & Cultures	SEELC-M1	Slavic, East European, & Eurasian Languages & Cultures (Master's)	Slavic, East European, & Eurasian Languages & Cultures	Master's	Foreign Language Requirement: Demonstrated proficiency in two foreign languages is required for the M.A. degree: (1) Students must pass a departmental Russian language proficiency examination which tests ability to translate from Russian to English and vice versa. This examination may be retaken each quarter until a pass grade is achieved, within the time limits for completion of the M.A. degree, and must be passed before the M.A. comprehensive examination; (2) Students must demonstrate an ability to read scholarly literature in either French or German by one of the following methods: (a) passing the departmental reading examination, or (b) completing course 5 at UCLA in one of the languages with a grade of B or better (equivalent university-level course work in French or German taken within two years of admission may satisfy this requirement at the discretion of the graduate adviser). Either the French or the German requirement should be satisfied no later than the sixth quarter. The Russian, French, and German examinations are offered at the beginning of each quarter. Another language can be substituted for French or German with the consent of the graduate adviser.	Attain foreign language skills	Various

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College - Humanities	Slavic, East European, & Eurasian Languages & Cultures	SEELC-M2	Slavic, East European, & Eurasian Languages & Cultures (Master's)	Slavic, East European, & Eurasian Languages & Cultures	Master's	Capstone Plan: Advancement to candidacy for the M.A. requires a cumulative "pass" assessment of a research paper and of performance on a written and oral exam.	Gain knowledge of advanced topics in the field of Slavic, East European, and Eurasian Languages & Cultures	Examination - Written
College - Humanities	Slavic, East European, & Eurasian Languages & Cultures	SEELC-M2	Slavic, East European, & Eurasian Languages & Cultures (Master's)	Slavic, East European, & Eurasian Languages & Cultures	Master's	Capstone Plan: Advancement to candidacy for the M.A. requires a cumulative "pass" assessment of a research paper and of performance on a written and oral exam.	Gain knowledge of advanced topics in the field of Slavic, East European, and Eurasian Languages & Cultures	Examination - Oral
College - Humanities	Slavic, East European, & Eurasian Languages & Cultures	SEELC-M2	Slavic, East European, & Eurasian Languages & Cultures (Master's)	Slavic, East European, & Eurasian Languages & Cultures	Master's	Capstone Plan: Advancement to candidacy for the M.A. requires a cumulative "pass" assessment of a research paper and of performance on a written and oral exam. Admission to the doctoral program requires a "high pass" assessment.	Perform original, independent research	Review of Paper
College - Humanities	Spanish & Portuguese	PORTGSE-M1	Portuguese (Master's)	Portuguese	Master's	Foreign Language Requirement: All candidates for the M.A. degree in Portuguese are required to study a language other than English or Portuguese. The requirement may be fulfilled by (1) passing a university reading examination in the language; or (2) passing a university course of at least level 3.	Attain foreign language skills	Various
College - Humanities	Spanish & Portuguese	PORTGSE-M2	Portuguese (Master's)	Portuguese	Master's	Capstone Plan: A) Literature: The comprehensive examination in literature consists of four two-hour examinations, chosen from the following six examination areas. B) Linguistics: The comprehensive examination in linguistics consists of four two-hour examinations, chosen from the following six examination areas.	Gain knowledge of advanced topics in the field of Portuguese	Examination - Comprehensive
College - Humanities	Spanish & Portuguese	PORTGSE-M3	Portuguese (Master's)	Portuguese	Master's	Thesis Plan: In lieu of taking the comprehensive examination, students may seek permission to present a thesis for the M.A. degree. Students must first complete five graduate courses, one of which must be a seminar. In order to endorse the petition, the graduate adviser and the guidance committee need to find evidence of exceptional ability and promise in term papers and course work.	Perform original, independent research	Review of Thesis
College - Humanities	Spanish & Portuguese	SPAN-M1	Spanish (Master's)	Spanish	Master's	Foreign Language Requirement: All candidates for the M.A. degree in Spanish are required to study a language other than English or Spanish. The requirement may be fulfilled by 1) passing a University reading examination in the language; or 2) passing a University course of at least level 3.	Attain foreign language skills	Various
College - Humanities	Spanish & Portuguese	SPAN-M2	Spanish (Master's)	Spanish	Master's	Capstone Plan: (A) Literature: The comprehensive examination (details) (B) Linguistics: The comprehensive examination in Spanish linguistics (details)	Gain knowledge of advanced topics in the field of Spanish	Examination - Comprehensive
College - Humanities	Spanish & Portuguese	SPAN-M3	Spanish (Master's)	Spanish	Master's	Thesis Plan: In lieu of taking the comprehensive examination, students in either concentration may seek permission to present a thesis for the M.A. degree. Students must first complete five graduate courses, one of which must be a seminar. In order to endorse the petition, the graduate adviser and the guidance committee need to find evidence of exceptional ability and promise in term papers and course work.	Perform original, independent research	Review of Thesis

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College - Life Sciences	Bioinformatics	BIOINFO-M1	Bioinformatics (Master's)	Bioinformatics	Master's	Capstone Plan: The master's capstone is an individual project in the format of a written report resulting from a research project. The report should describe the results of the student's investigation of a problem in the area of bioinformatics under the supervision of a faculty member in the program, who approves the subject and plan of the project, as well as reading and approving the completed report. (details) Field 1: Bioinformatics - No additional requirements. Field 2: Biomedical Informatics - No additional requirements. Field 3: Computational & Systems Biology - The capstone plan is not available for students pursuing this field of study.	Gain knowledge of advanced topics in the field of Bioinformatics	Review of Project/Report
College - Life Sciences	Bioinformatics	BIOINFO-M2	Bioinformatics (Master's)	Bioinformatics	Master's	Thesis Plan: Field 1: Bioinformatics - Students must choose a permanent faculty adviser and submit a thesis proposal by the end of the third quarter of study. The proposal must be approved by the permanent adviser who served as the thesis adviser. The thesis is evaluated by a three-person committee that is nominated by the program and appointed by the Graduate Division. Students must present the thesis in a public seminar. Field 2: Biomedical Informatics - The thesis plan is not available for students pursuing this field of study. Field 3: Computational & Systems Biology - Students in the research-oriented Computation and Systems Biology Field 3 are required to follow the M.S. thesis plan, leading to successful completion of a master's thesis prior to graduation.	Perform original, independent research	Review of Thesis
College - Life Sciences	Ecology & Evolutionary Biology	EEBIOL-M1	Biology (Master's)	Biology	Master's	Capstone Plan: Students are expected to pass a two-part Departmental Written Qualifying Examination during their first year in residence. For Part I, students must demonstrate breadth of understanding (conceptual and synthetic) of the diversity of specialized subjects within integrative biology through a written assignment or exam as part of a passing grade for one of the three courses: M200A, 200B, and 200C. For Part II, students must submit a first-year literature review and research proposal that is four to five pages in length. The first draft of the proposal must be submitted to the student's advisory committee for comment by the first week of spring quarter. A final draft of the proposal must be submitted to the advisory committee in the eighth week of spring quarter. The advisory committee evaluates and grades the proposal as pass or not pass. The results from Parts I and II are forwarded to the graduate adviser.	Gain knowledge of advanced topics in the field of Biology	Examination - Written
College - Life Sciences	Ecology & Evolutionary Biology	EEBIOL-M1	Biology (Master's)	Biology	Master's	Capstone Plan: Students are expected to pass a two-part Departmental Written Qualifying Examination during their first year in residence. For Part I, students must demonstrate breadth of understanding (conceptual and synthetic) of the diversity of specialized subjects within integrative biology through a written assignment or exam as part of a passing grade for one of the three courses: M200A, 200B, and 200C. For Part II, students must submit a first-year literature review and research proposal that is four to five pages in length. The first draft of the proposal must be submitted to the student's advisory committee for comment by the first week of spring quarter. A final draft of the proposal must be submitted to the advisory committee in the eighth week of spring quarter. The advisory committee evaluates and grades the proposal as pass or not pass. The results from Parts I and II are forwarded to the graduate adviser.	Perform original, independent research	Review of Proposal

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College - Life Sciences	Ecology & Evolutionary Biology	EEBIOL-M2	Biology (Master's)	Biology	Master's	Thesis Plan: Doctoral students transferring to the M.S. program may pursue the thesis plan only if they have not passed their qualifying exams. Before beginning work on the thesis, students must obtain approval of the subject and general plan from the master's thesis committee, which consists of three faculty. The thesis must be prepared in accordance with University formatting requirements in UCLA Policies and Procedures for Thesis Dissertation and Filing, available on the Graduate Division website. The completed thesis is presented to the thesis committee for approval.	Perform original, independent research	Review of Thesis
College - Life Sciences	Integrative Biology & Physiology	PHYSCI-M1	Physiological Science (Master's)	Physiological Science	Master's	Thesis Plan: Successful completion of the thesis plan requires completion of the required course work, selected by the student and the student's research mentor, with approval of the student's advisory (thesis) committee and the graduate affairs committee, and a master's thesis. The student advisory (thesis) committee is formed by the end of the first quarter following matriculation and consists of the student's research mentor from the department and two or more regular series faculty, at least one of whom must hold an appointment in the department. Students complete a master's thesis based on original laboratory research in a specific area of physiology. If students have made a good faith effort to complete a laboratory research project but are unable to do so because of circumstances beyond their control, they may petition the Graduate Affairs Committee for approval to submit a non-laboratory research thesis. Approval is granted only under exceptional circumstances. Non-laboratory theses are based on the study of the primary research literature in a current question in modern physiology. Students who are granted approval to submit a non-laboratory thesis are required to make an oral presentation of the thesis topic to the advisory (thesis) committee. With advisory (thesis) committee approval, students may submit either a thesis or a thesis based on a manuscript that is suitable for publication.	Perform original, independent research	Review of Thesis
College - Life Sciences	Microbiology, Immunology, & Molecular Genetics	MIMG-M1	Microbiology, Immunology, & Molecular Genetics (Master's)	Microbiology, Immunology, & Molecular Genetics	Master's	Capstone Plan: The written qualifying examination for the doctoral degree in this department, or its equivalent as determined by the department's Graduate Committee, serves as the comprehensive examination for the master's degree.	Gain knowledge of advanced topics in the field of Microbiology, Immunology, & Molecular Genetics	Examination - Written
College - Life Sciences	Microbiology, Immunology, & Molecular Genetics	MIMG-M2	Microbiology, Immunology, & Molecular Genetics (Master's)	Microbiology, Immunology, & Molecular Genetics	Master's	Thesis Plan: Students must obtain approval of the thesis topic from their faculty adviser before beginning work on the thesis. This approval is obtained through submission of a thesis and abstract of proposed research with the original application for admission. The thesis must be approved by the thesis committee before it can be filed in the library.	Perform original, independent research	Review of Thesis
College - Life Sciences	Molecular Biology	MOLBIO-M1	Molecular Biology (formerly Biological Chemistry) (Master's)	Molecular Biology	Master's	Capstone Plan: To complete the Master Program, in addition to the course requirements, the student must either select a Capstone Plan or Thesis Plan. Either option includes a departmental written examination to be evaluated by a committee of three MBIDP faculty members. In the Capstone plan, the written exam consists of a paper, 5-10 pages in length (single spaced), describing the student's research project or a rotation project. (details)	Gain knowledge of advanced topics in the field of Molecular Biology	Examination - Written; Review of Project
College - Life Sciences	Molecular Biology	MOLBIO-M2	Molecular Biology (formerly Biological Chemistry) (Master's)	Molecular Biology	Master's	Thesis Plan: In the Thesis option, the thesis committee helps the student plan the research, determines the acceptability of the thesis, administers a final examination, and recommends appropriate action on the granting of the degree. In the event of an unacceptable thesis or performance on the final examination (if one is given), the thesis committee determines if it is appropriate for additional time to be granted to rewrite the thesis or to be reexamined.	Perform original, independent research	Review of Thesis

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College - Life Sciences	Molecular, Cell, & Developmental Biology	MCDBIO-M1	Molecular, Cell, & Developmental Biology (Master's)	Molecular, Cell, & Developmental Biology	Master's	Capstone Plan: The departmental written qualifying examination for the Ph.D. degree, or its equivalent as determined by the Graduate Adviser, serves as the comprehensive examination for the M.A. degree.	Gain knowledge of advanced topics in the field of Molecular, Cell, & Developmental Biology	Examination - Comprehensive
College - Life Sciences	Molecular, Cell, & Developmental Biology	MCDBIO-M2	Molecular, Cell, & Developmental Biology (Master's)	Molecular, Cell, & Developmental Biology	Master's	Thesis Plan: A thesis reporting the results of an original investigation, prepared in accordance with University format requirements available on the Graduate Division website, is presented to and approved by the master's thesis committee of three faculty members. Before beginning work on the thesis, students must obtain approval of the subject and general plan from the faculty members concerned and from the thesis committee.	Perform original, independent research	Review of Thesis
College - Life Sciences	Psychology	PSYCH-M1	Psychology (Master's)	Psychology	Master's	Teaching Experience: All students will be introduced to teaching through an introductory teaching assistant position during one quarter of the first year of matriculation in the degree program. All students are required to take Psychology 495 in the first year of matriculation in the degree program and 495 in the second quarter they serve as a teaching assistant prior to doctoral advancement to candidacy.	Gain teaching skills	Various
College - Life Sciences	Psychology	PSYCH-M2	Psychology (Master's)	Psychology	Master's	Capstone Plan: Students must complete a research project which demonstrates their knowledge of relevant scientific literature and their ability to design and conduct a research project and write a complete research report. Students must enroll in Psychology 251A, 251B, and 251C consecutively, beginning in the winter quarter of the first year and concluding in the fall quarter of the second year.	Gain knowledge of advanced topics in the field of Psychology; conduct research	Review of Project
College - Physical Sciences	Atmospheric & Oceanic Sciences	AOSCI-M1	Atmospheric & Oceanic Sciences (Master's)	Atmospheric & Oceanic Sciences	Master's	Capstone Plan: The master's capstone is an oral comprehensive examination that is administered by the student's departmental guidance committee after the successful completion of their program of study. The examination is graded fail, master's level pass, or Ph.D. level pass. The material within the student's program of study, especially within the chosen specialization, serves as the basis for this examination. Students are permitted two attempts to obtain a grade of pass, either for termination with award of the M.S. degree or for award of the M.S. degree and continuation for the Ph.D. degree. Students must receive a grade of pass (master's or Ph.D. level) to satisfy the master's comprehensive examination requirement. Students must receive a grade of Ph.D. level pass on this examination and have their entire record deemed acceptable for doctoral study by the guidance committee in order to be eligible to continue for the Ph.D. degree.	Gain knowledge of advanced topics in the field of Atmospheric & Oceanic Sciences	Examination - Comprehensive
College - Physical Sciences	Atmospheric & Oceanic Sciences	AOSCI-M2	Atmospheric & Oceanic Sciences (Master's)	Atmospheric & Oceanic Sciences	Master's	Thesis Plan: Students may receive the master's degree by writing an original thesis as an alternative to the comprehensive examination. The thesis is graded in the same manner as is the comprehensive examination: fail, master's level pass, or Ph.D. level pass. A Ph.D. level pass is considered to be sufficient to satisfy the written qualifying examination requirement for the Ph.D. degree (see below). The thesis is graded on the basis of critical, creative and independent thought.	Perform original, independent research	Review of Thesis
College - Physical Sciences	Chemistry & Biochemistry	BMSBIOL-M1	Biochemistry, Molecular & Structural Biology (Master's)	Biochemistry, Molecular & Structural Biology	Master's	Teaching Experience: Not Required. Students who serve as teaching assistants must enroll in and receive a grade of S for Chemistry and Biochemistry 375 for each quarter they teach in order to continue teaching.	Gain teaching skills	Various
College - Physical Sciences	Chemistry & Biochemistry	BMSBIOL-M2	Biochemistry, Molecular & Structural Biology (Master's)	Biochemistry, Molecular & Structural Biology	Master's	Capstone Plan: In exceptional cases, a comprehensive examination is administered in lieu of a thesis. This written examination is administered and graded by a faculty committee selected by the faculty graduate adviser and is graded pass or fail. For students who fail, recommendation for or against a second examination is made by the faculty graduate advise	Gain knowledge of advanced topics in the field of Biochemistry, Molecular & Structural Biology	Examination - Written

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College - Physical Sciences	Chemistry & Biochemistry	BMSBIOL-M3	Biochemistry, Molecular & Structural Biology (Master's)	Biochemistry, Molecular & Structural Biology	Master's	Thesis Plan: The thesis plan is the preferred method of attaining the M.S. degree in Biochemistry, Molecular and Structural Biology. Preference in admissions is given to students who have already identified a research adviser under whose direction the thesis research is conducted. By the sixth week of the first term in residence, a master's committee is appointed for each student consisting of the student's faculty research adviser and two additional faculty members chosen by the faculty graduate adviser. This committee has the responsibility for approving or disapproving the master's thesis. By the end of the first term, the student is required to submit a brief written research proposal for approval by the master's committee. Students have five academic quarters after the submission of the proposal to complete the degree.	Perform original, independent research	Review of Thesis
College - Physical Sciences	Chemistry & Biochemistry	CHEM-M1	Chemistry (Master's)	Biochemistry, Molecular & Structural Biology	Master's	Teaching Experience: Not Required. Students who serve as teaching assistants must enroll in and receive a grade of S for Chemistry and Biochemistry 375 for each quarter they teach in order to continue teaching.	Gain teaching skills	Various
College - Physical Sciences	Chemistry & Biochemistry	CHEM-M2	Chemistry (Master's)	Chemistry	Master's	Capstone Plan: There are two options for the master's degree: the capstone plan and the thesis plan. For the capstone plan in Chemistry, students must complete the course work requirements of their specialization, in addition to a Capstone Project. The Capstone Project involves writing a research proposal. It is intended to develop an ability to identify, analyze, and solve problems independently.	Gain knowledge of advanced topics in the field of Chemistry	Review of Proposal
College - Physical Sciences	Chemistry & Biochemistry	CHEM-M3	Chemistry (Master's)	Chemistry	Master's	Thesis Plan: For the thesis plan in Chemistry, students must complete the course work requirements of their specialization, in addition to a master's thesis. Every master's degree thesis plan requires the completion of an approved thesis that demonstrates the student's ability to perform original, independent research.	Perform original, independent research	Review of Thesis
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOCHEM-M1	Geochemistry (Master's)	Geochemistry	Master's	Capstone Plan: The comprehensive examination is scheduled by the faculty adviser in consultation with the student and other members of the examining committee. The examining committee consists of the faculty adviser and at least two additional EPSS faculty members. In extraordinary circumstances, a delay or change in committee membership may be granted by petition to the graduate adviser or department chair. The student prepares two written research proposals on two dissimilar projects approved by the faculty adviser. The proposals must be concise, with a guideline of 4 pages and a maximum of 5 pages, and must be submitted to the examining committee at least 10 days before the examination. The proposals are presented briefly to the examining committee orally, and the committee examines their originality and scientific merit, as well as the student's fundamental knowledge in the program area.	Gain knowledge of advanced topics in the field of Geochemistry; conduct research	Examination - Comprehensive; Review of Proposal
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOCHEM-M2	Geochemistry (Master's)	Geochemistry	Master's	Thesis Plan: The thesis must be approved by the student's thesis adviser, as well as by the other members of the student's advising committee. If students choose the thesis plan, no examination is required.	Perform original, independent research	Review of Thesis

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College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOLGY-M1	Geology (Master's)	Geology	Master's	Capstone Plan: The comprehensive examination is scheduled by the faculty adviser in consultation with the student and other members of the examining committee. The examining committee consists of the faculty adviser and at least two additional EPSS faculty members. In extraordinary circumstances, a delay or change in committee membership may be granted by petition to the graduate adviser or department chair. The student prepares two written research proposals on two dissimilar projects approved by the faculty adviser. The proposals must be concise, with a guideline of 4 pages and a maximum of 5 pages, and must be submitted to the examining committee at least 10 days before the examination. The proposals are presented briefly to the examining committee orally, and the committee examines their originality and scientific merit, as well as the student's fundamental knowledge in the program area.	Gain knowledge of advanced topics in the field of Geology; conduct research	Examination - Comprehensive; Review of Proposal
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOLGY-M2	Geology (Master's)	Geology	Master's	Thesis Plan: The thesis must be approved by the student's thesis adviser, as well as by the other members of the student's advising committee. If students choose the thesis plan, no examination is required.	Perform original, independent research	Review of Thesis
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOSPCPHY-M1	Geophysics & Space Physics (Master's)	Geophysics & Space Physics	Master's	Capstone Plan: The comprehensive examination is scheduled by the faculty adviser in consultation with the student and other members of the examining committee. The examining committee consists of the faculty adviser and at least two additional EPSS faculty members. In extraordinary circumstances, a delay or change in committee membership may be granted by petition to the graduate adviser or department chair. The student prepares two written research proposals on two dissimilar projects approved by the faculty adviser. (details) The capstone plan is not offered for the program in Geophysics and Space Physics with specialization in applied geophysics.	Gain knowledge of advanced topics in the field of Geophysics & Space Physics; conduct research	Examination - Comprehensive; Review of Proposal
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOSPCPHY-M2	Geophysics & Space Physics (Master's)	Geophysics & Space Physics	Master's	Thesis Plan: The thesis must be approved by the student's thesis adviser, as well as by the other members of the student's advising committee. If students choose the thesis plan, no examination is required, except for the program in Geophysics and Space Physics with specialization in applied geophysics.	Perform original, independent research	Review of Thesis
College - Physical Sciences	Mathematics	MATH-M1	Mathematics - MA (Master's)	Mathematics	Master's	Capstone Plan: Students must pass the departmental basic examination. The syllabus for this examination, available in the departmental graduate office and website, consists of a selection of advanced topics that are essential prerequisites for the field of graduate mathematics study at the University. The examination is offered twice a year and can be taken whenever offered provided the student is matriculated in the graduate program. Students who fail to take or fail to pass this examination upon matriculation are advised to devise a study plan that leaves time to prepare for it.	Gain knowledge of advanced topics in the field of Mathematics	Examination
College - Physical Sciences	Mathematics	MATH-MAT-M1	Mathematics-MAT (Master's)	Mathematics	Master's	Teaching Experience: Teaching experience is not a formal requirement for the M.A.T. degree; however, students who are working for a secondary credential must take the supervised teaching course. Students are eligible for teaching assistantships.	Gain teaching skills	Various
College - Physical Sciences	Mathematics	MATH-MAT-M2	Mathematics-MAT (Master's)	Mathematics	Master's	Capstone Plan: In the M.A.T. program, one examination in mathematical subject matter, the departmental basic examination, is required, as is one examination in content and philosophy of secondary school mathematics. Ordinarily, these examinations are administered in conjunction with Mathematics 201A-201B-201C and 202A-202B. Reexamination after failure is allowed.	Gain knowledge of advanced topics in the field of Mathematics	Examination

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School or College Division	Department	Sort order	Program (Degree)	Program	Level	Program Requirement	Proposed Learning Objective	Assessment Mechanism
College - Physical Sciences	Physics & Astronomy	ASTR-M1	Astronomy (Master's)	Astronomy	Master's	Capstone Plan: For the Master of Science degree, students must pass the comprehensive examination at the master's level. The examination combines both the completion and presentation of the second-year research project and oral examination of core courses taken during the first six quarters in residence. The exam is described in more detail under the requirements for the doctoral degree.	Gain knowledge of advanced topics in the field of Astronomy; conduct research	Examination - Comprehensive
College - Physical Sciences	Physics & Astronomy	ASTR-MAT-M1	Astronomy-MAT (Master's)	Astronomy	Master's	Teaching Experience: Consult the department.	Gain teaching skills	Various
College - Physical Sciences	Physics & Astronomy	ASTR-MAT-M2	Astronomy-MAT (Master's)	Astronomy	Master's	Capstone Plan: The capstone plan is the same as for the M.S. degree.	Gain knowledge of advanced topics in the field of Astronomy	Examination - Comprehensive
College - Physical Sciences	Physics & Astronomy	PHYSICS-M1	Physics (Master's)	Physics	Master's	Capstone Plan: Students are required to pass the written comprehensive examination at the master's level. This level is determined by the Comprehensive Examination Committee for each examination session. If students fail to pass the examination at the master's level, they may take it a second, and final, time the next session it is given. For more information, see Written and Oral Qualifying Examinations under Doctoral Degree.	Gain knowledge of advanced topics in the field of Physics	Examination - Written
College - Physical Sciences	Physics & Astronomy	PHYSICS-M2	Physics (Master's)	Physics	Master's	Thesis Plan: Although the department operates under the capstone plan rather than the thesis plan, arrangements may be made for a student to write a master's thesis, provided he or she has a particularly interesting subject and provided a committee of three faculty is willing to undertake the guidance of the project. In this case, the student must petition the Faculty Graduate Adviser for permission to pursue the thesis plan. If the petition is approved, the requirement to pass the comprehensive examination for the M.S. degree is waived.	Perform original, independent research	Review of Thesis
College - Physical Sciences	Physics & Astronomy	PHYSICS-MAT-M1	Physics-MAT (Master's)	Physics	Master's	Teaching Experience: Supervised teaching at the secondary and junior college level is required as part of the required education courses.	Gain teaching skills	Various
College - Physical Sciences	Physics & Astronomy	PHYSICS-MAT-M2	Physics-MAT (Master's)	Physics	Master's	Capstone Plan: A passing grade at the master's level on the written comprehensive examination is required. Students who fail to qualify at the master's level of achievement may repeat the examination a second, and final, time.	Gain knowledge of advanced topics in the field of Physics	Examination - Comprehensive Written
College - Physical Sciences	Statistics	STATS-APPD-M1	Statistics – Master of Applied Statistics (Master's)	Statistics	Master's	Teaching Experience: Not required. However, students will be encouraged to participate in internships with industry partners. Students may, if they wish, earn up to 4 units of course credit for their internship by enrolling in Stats 496 (Statistics Internship) and writing a substantial paper relating to or arising from the internship. This paper must be closely supervised by a faculty adviser, who will ensure that the work does not overlap with the thesis.	Perform original, independent research	Review of Paper
College - Physical Sciences	Statistics	STATS-APPD-M2	Statistics – Master of Applied Statistics (Master's)	Statistics	Master's	Thesis Plan: This plan is for master's degree students only. Students must find a thesis adviser, who approves the topic and form of the thesis. Students must nominate a thesis committee consisting of the adviser and at least two other faculty members who are eligible to serve on thesis committees, and the committee must be appointed by the Graduate Division. The final thesis must be approved by the thesis committee. (details)	Perform original, independent research	Review of Thesis
College - Physical Sciences	Statistics	STATS-M2	Statistics (Master's)	Statistics	Master's	Thesis Plan: This plan is for master's degree students only. Students must find a thesis adviser, who approves the topic and form of the thesis. Students must nominate a thesis committee consisting of the adviser and at least two other faculty members who are eligible to serve on thesis committees, and the committee must be appointed by the Graduate Division. The final thesis must be approved by the thesis committee.	Perform original, independent research	Review of Thesis

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College - Social Sciences	African American Studies	AFAMER-M1	African American Studies (Master's)	African American Studies	Master's	Foreign Language Requirement: Students are required to satisfy the language requirement in one of the following ways: (1) documenting satisfactory completion of two full years of course work in a foreign language at the undergraduate level; (2) successfully passing one UCLA foreign language course (one quarter) with a grade of "C" or better; (3) participating in a study abroad program; (4) completing a pre-approved course or equivalent that provides some exposure to language learning; or (5) fulfilling the language requirement via the alternate Research Methodology Requirement, which allows students to take one course from the African American studies approved Research Methods Courses. Students in the M.A. program prior to 2012, but who have yet to complete the degree, may be allowed to complete the program under this language requirement.	Attain foreign language skills	Various
College - Social Sciences	African American Studies	AFAMER-M2	African American Studies (Master's)	African American Studies	Master's	Capstone Plan: Students may elect to complete the M.A. degree through the capstone plan. The examination is administered by a committee consisting of at least three faculty members appointed by the program. The examination is offered on a periodic basis.	Gain knowledge of advanced topics in the field of African American Studies	Examination - Comprehensive
College - Social Sciences	African American Studies	AFAMER-M3	African American Studies (Master's)	African American Studies	Master's	Thesis Plan: Students may elect to complete the M.A. degree through the thesis plan. Before beginning work on the thesis, students should consult closely with their academic adviser and the thesis committee.	Perform original, independent research	Review of Thesis
College - Social Sciences	American Indian Studies	AMIND-M1	American Indian Studies (Master's)	American Indian Studies	Master's	Foreign Language Requirement: Students must complete one of the following courses: (1) Linguistics 114; (2) American Indian Studies M162 (same as Anthropology M156); (3) Anthropology C155 or C255 (4) for native speakers of an American Indian language, an independent studies course (taken with consent of the instructor) in either Linguistics or Anthropology, designed and supervised by a consenting faculty member, in which the objective of the course is to impart a structural knowledge of the student's language. These courses are designed to show how American Indian languages and communicative norms are primary vehicles for understanding American Indian cultures.	Attain foreign language skills	Various
College - Social Sciences	American Indian Studies	AMIND-M2	American Indian Studies (Master's)	American Indian Studies	Master's	Capstone Plan: A proposed comprehensive examination committee, composed of three faculty members (two from the major area of concentration and one from the minor area), must be submitted to the Graduate Advisory Subcommittee by the end of the fourth quarter of study. The comprehensive examination normally consists of a written examination in the major area of concentration and in the minor area of concentration. The written examination is typically followed by an oral discussion of the student's answers involving both the student and the committee members. The examination is designed and evaluated by the student's M.A. committee. Students should work closely with their committee members in preparing for the examination.	Gain knowledge of advanced topics in the field of American Indian Studies	Examination - Comprehensive

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School or College Division	Department	Sort order	Program (Degree)	Program	Level	Program Requirement	Proposed Learning Objective	Assessment Mechanism
College - Social Sciences	American Indian Studies	AMIND-M3	American Indian Studies (Master's)	American Indian Studies	Master's	Thesis Plan: A proposed thesis committee, composed of three faculty members (two from the major area of concentration and one from the minor area), must be submitted to the Graduate Advisory Subcommittee by the end of the fourth quarter of study. Students must also submit a thesis proposal to their master's committee by the end of the fourth quarter of study. The master's thesis should demonstrate the student's ability to define and solve a significant problem in the area of concentration. It should provide evidence of mastery of theory and methodology relevant to the topic, familiarity with literature in the field, competency in research techniques, and ability to make an original contribution to the field. Copies of the thesis must be submitted to each member of the committee by the fifth week of the quarter in which students expect to graduate.	Perform original, independent research	Review of Thesis
College - Social Sciences	Anthropology	ANTHRO-M1	Anthropology (Master's)	Anthropology	Master's	Capstone Plan: The capstone is a comprehensive examination that consists of three examinations, given at the completion of each section of Anthropology M201A, M201B, and M201C, respectively, and a research paper. Comprehensive examinations are graded by three readers (assembled by the archaeology faculty representative on the department's Academic Coordinating Committee) as high pass, pass, or no pass. Each of the three examinations may be retaken once. The research paper, to be completed by the end of the sixth quarter of residence, is read by three faculty members and assists students and faculty in the determination of whether a student may continue for the Ph.D. degree. (Students in Archaeology are required to complete a capstone project. They are not expected to complete a Thesis.)	Gain knowledge of advanced topics in the field of Anthropology; conduct research	Examination - Comprehensive; Review of Paper
College - Social Sciences	Anthropology	ANTHRO-M2	Anthropology (Master's)	Anthropology	Master's	Thesis Plan: The purpose of the master's thesis is for a student to demonstrate the ability to generate and assemble a body of data, to analyze it, and to indicate its relevance to established anthropological thought as well as to write lucid prose. Students must submit an original paper based on field, laboratory, or library research to all three committee members by the end of the fifth quarter of residence. The thesis committee assists students in formulating the research paper, monitoring its progress, and evaluating the paper when submitted. It is essential that students maintain close contact with all three members while preparing the M.A. thesis. Students should consult the Graduate Division publication, Policies and Procedures for Thesis and Dissertation Preparation and Filing, for instructions on the preparation and submission of the thesis. (Students in Biological, Linguistic, and Sociocultural are required to complete a thesis. They are not expected to complete a Capstone.)	Perform original, independent research	Review of Thesis

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College - Social Sciences	Archaeology	ARCHEOL-M1	Archaeology (Master's)	Archaeology	Master's	Foreign Language Requirement The ability to read at least one modern foreign language, relevant to the student's field of interest, is required for the M.A. There are three options available to satisfy the language requirement. This requirement may be met by (1) completing three courses in an introductory sequence of the selected language at UCLA with a minimum grade of A- in each course; (2) taking an examination (in Spanish, Italian, French, or German; other languages, if deemed necessary by the committee, may be substituted) administered by the Archaeology Program; or (3) petitioning – a student who has completed a course of study in a foreign language at another accredited academic institution may petition to use this course of study to satisfy the language requirement. International students whose native language is not English may petition to use English to fulfill their M.A. level language requirement. The foreign language requirement must be completed by the end of the fourth quarter or the beginning of the fifth quarter in the program, unless the student fulfills the requirement earlier.	Attain foreign language skills	Various
College - Social Sciences	Archaeology	ARCHEOL-M2	Archaeology (Master's)		Master's	Teaching Experience: Not required. The program assists students in obtaining teaching experience through appointments as teaching assistants in a number of other departments.	Gain teaching skills	Various
College - Social Sciences	Archaeology	ARCHEOL-M3	Archaeology (Master's)		Master's	Field Experience: No graduate degree is awarded until the student has worked in the field and has demonstrated her/his competency to direct field research in archaeology. Both theoretical and practical knowledge of methods and techniques used in field archaeology are necessary. This requirement may be met in several ways: ordinarily the student will take a regular UCLA field course such as Anthropology 115P, Archaeology 259, Ancient Near East 261, Classics C251E, or similar courses offered by other departments. Comparable courses offered by other institutions may also be accepted.	Gain knowledge and skills from field experience	Various
College - Social Sciences	Archaeology	ARCHEOL-M4	Archaeology (Master's)	Archaeology	Master's	Capstone Plan: The capstone is a comprehensive examination that consists of three examinations, given at the completion of each section of Archaeology M201A, M201B, and M201C respectively, and a research paper. Comprehensive examinations are graded by three readers (the professor in charge of the course, program chair, and a third faculty member) as high pass, pass, or no pass. Each of the three examinations may be retaken once. The research paper, to be completed by the end of the sixth quarter of residence, is read by three faculty members and assists students and faculty in the determination of whether a student may continue for the Ph.D. degree.	Gain knowledge of advanced topics in the field of Archaeology; conduct research	Examination - Written; Review of Paper
College - Social Sciences	Asian American Studies	ASIAAM-M1	Asian American Studies (Master's)	Asian American Studies	Master's	Capstone Plan Option A (Comprehensive Examination). The M.A. degree may be completed through a written comprehensive examination. (details) Option B (Individual Project). This option is intended to provide the opportunity to design, research, and complete a creative project (e.g., short-story or poetry collection, art installation, mural, documentary video, film, performance, website, or play script) with significance regarding some aspect of the historical or contemporary experiences of Asian and Pacific Islander Americans. (details)	Gain knowledge of advanced topic in the field of Asian American Studies; conduct research	Examination - Written; Review of Project
College - Social Sciences	Asian American Studies	ASIAAM-M2	Asian American Studies (Master's)	Asian American Studies	Master's	Thesis Plan: Option A (Thesis) (details) Option B (Field Research Thesis) (details)	Perform original, independent research	Review of Thesis

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College - Social Sciences	Chicana & Chicano Studies	CHICANO-M1	Chicana & Chicano Studies (Master's)		Master's	Foreign Language Requirement: Students are required to have, at minimum, reading fluency in Spanish. Students may satisfy the language requirement in one of the following ways: 3 options.	Attain foreign language skills	Various
College - Social Sciences	Chicana & Chicano Studies	CHICANO-M2	Chicana & Chicano Studies (Master's)	Chicana & Chicano Studies	Master's	Teaching Experience: New Teaching Assistants must enroll in Chicana/o Studies 495 when they receive their first teaching appointment. In the following quarters, Teaching Assistants may enroll in Chicana/o Studies 375 to fulfill unit requirements. Neither of these courses may be counted toward the degree requirements.	Gain teaching skills	Various
College - Social Sciences	Chicana & Chicano Studies	CHICANO-M3	Chicana & Chicano Studies (Master's)	Chicana & Chicano Studies	Master's	Thesis Plan: Students will complete the M.A. degree by writing an original interdisciplinary research paper, critical reflection, or creative portfolio that integrates knowledge learned in their graduate course work. The M.A. thesis should be submitted by spring quarter of their second year, but no later than the seventh quarter (normally fall quarter of the third year). Students must enroll in Chicana/o Studies 598 (M.A. Thesis Research) under the guidance of their faculty adviser to produce the thesis. The thesis is evaluated on a pass/no pass basis.	Perform original, independent research	Review of Thesis
College - Social Sciences	Conservation of Archaeological & Ethnographic Materials	CAEM-ARCH-M1	Conservation of Archaeological & Ethnographic Materials (Master's)	Conservation of Archaeological & Ethnographic Materials	Master's	Field Experience: Eleven months of internship are required: one 10-week summer internship between the first and second year of study, and one 9-month internship following the second year of study. To expose the student to both field and institutional environments, it is preferred but not required that one internship be associated with a field project and the other be within a museum. The field project may include work on an archaeological excavation, work within an ethnology field project, work at an indigenous cultural center, or at other similar venues. The collections project may include work at a museum or other collecting institution, or at a regional laboratory where collections are curated and conserved. All intern placement must be pre-approved by the program core faculty and will be developed in collaboration between the student and faculty.	Gain knowledge and skills from field experience	Various
College - Social Sciences	Conservation of Archaeological & Ethnographic Materials	CAEM-ARCH-M2	Conservation of Archaeological & Ethnographic Materials (Master's)	Conservation of Archaeological & Ethnographic Materials	Master's	Thesis Plan: Each student organizes a research project in consultation with IDP Core faculty no later than the end of their first year. The research project includes some or all of the following aspects of conservation-related research: examination of archaeological and/or ethnographic artifacts, assessment of the cultural context, analysis, experimentation with treatment or analysis techniques along with conservation treatment. The M.A. project includes the establishment of a methodology that guides the development of the research. The results are presented in a research paper between 7,500 and 10,000 words to the student's three-member master's thesis committee for evaluation. In light of the number of courses required for the M.A. degree, students should carefully consider the subject and scope of their proposed M.A. paper in terms of the feasibility to complete it within the time-to-degree guidelines for the program. Students are strongly encouraged to complete thesis research during their second year in the program.	Perform original, independent research	Review of Thesis
College - Social Sciences	Conservation of Archaeological & Ethnographic Materials	CAEM-MATCUL-M1	Conservation of Material Culture (Master's)	Conservation of Material Culture	Master's	For the award of the M.S. Degree all required courses (core and elective area courses) as well as the oral preliminary and written qualifying examination required for ATC in the Ph.D.	Gain knowledge of advanced topics in the field of Conservation of Material Culture.	Oral Examination
College - Social Sciences	Conservation of Archaeological & Ethnographic Materials	CAEM-MATCUL-M2	Conservation of Material Culture (Master's)	Conservation of Material Culture	Master's	For the award of the M.S. Degree all required courses (core and elective area courses) as well as the oral preliminary and written qualifying examination required for ATC in the Ph.D.	Gain knowledge of advanced topics in the field of Conservation of Material Culture.	Written Examination

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College - Social Sciences	Conservation of Archaeological & Ethnographic Materials	CAEM-MATCUL-M3	Conservation of Material Culture (Master's)	Conservation of Material Culture	Master's	Mentored-research experience requirement equivalent to 8 Units is also required for the M.S. degree.	Ability to conduct research	Evaluation of Mentor
College - Social Sciences	Economics	ECON- APPD-M1	Economics – Master of Applied Economics (Master's)	Economics – Master of Applied Economics	Master's	Capstone Plan: The capstone for the Master of Applied Economics degree is either a final project or a final exam that is evaluated by three faculty members. The topic of the capstone project will be determined by the student in conjunction with their Faculty Adviser. Each student will choose to either 1) prepare a final project based on the content of one of these elective courses and submit the results of that project in the form of a research paper or 2) with the permission of three instructors, take a final exam based on a set of these elective courses.	Gain knowledge of advanced topics in the field of Economics; conduct research	Examination; Review of Project
College - Social Sciences	Economics	ECON- APPD-M2	Economics – Master of Applied Economics (Master's)	Economics – Master of Applied Economics	Master's	Based on additional learning outcomes developed by faculty of the Masters of Applied Economics (MAE) program.	MAE students will learn the frontiers of mathematical and quantitative microeconomics, macroeconomics, and econometric theory while focusing on applied quantitative applications through the selection of spring quarter electives.	Various
College - Social Sciences	Economics	ECON- APPD-M3	Economics – Master of Applied Economics (Master's)	Economics – Master of Applied Economics	Master's	Based on additional learning outcomes developed by faculty of the Masters of Applied Economics (MAE) program.	Students will learn how to apply mathematical and quantitative theory to solve real-world problems and how to use Big Data and Machine Learning to address economic questions.	Various
College - Social Sciences	Economics	ECON- APPD-M4	Economics – Master of Applied Economics (Master's)	Economics – Master of Applied Economics	Master's	Based on additional learning outcomes developed by faculty of the Masters of Applied Economics (MAE) program.	Students will learn how to convey their findings in effective and concise ways, as well as summarize key findings of research papers.	Various
College - Social Sciences	Economics	ECON- APPD-M5	Economics – Master of Applied Economics (Master's)	Economics – Master of Applied Economics	Master's	Based on additional learning outcomes developed by faculty of the Masters of Applied Economics (MAE) program.	Students will complete a capstone project showing proficiency in their field of study.	Review of Project
College - Social Sciences	Economics	ECON-M1	Economics (Master's)	Economics	Master's	Capstone Plan: In addition to the course requirements, candidates for the M.A. degree must satisfactorily complete a written capstone requirement that involves passing two examinations. This requirement may be fulfilled by one of the following: (1) Master's-level (M) passes in comprehensive examinations for two of the three first-year sequences and a grade of B or better in all three courses in the remaining sequence. (2) Master's-level (M) passes in the comprehensive examination for one of the three first-year sequences and in one doctoral field examination. (3) Master's-level (M) passes in two doctoral field examinations. Examinations are graded H (Ph.D. honors pass), P (Ph.D. pass), M (M.A. pass), and F (fail).	Gain knowledge of advanced topics in the field of Economics	Examination - Comprehensive

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College - Social Sciences	Gender Studies	GENDER-M1	Gender Studies (Master's)	Gender Studies	Master's	Capstone Plan: Doctoral students have the option of fulfilling the master's capstone plan to receive an M.A. degree. The capstone requirement is fulfilled through successful completion of the first written qualifying (breadth) examination for the Ph.D. degree and submission of a 20-page paper, ordinarily one written for a core course, that demonstrates independent thinking and critical and analytical skills. The paper is evaluated by the student's adviser and either the chair or the graduate chair (or designee) of Gender Studies. This option is available only to doctoral students.	Gain knowledge of advanced topics in the field of Gender Studies; conduct research	Examination - Written; Review of Paper
College - Social Sciences	Gender Studies	GENDER-M2	Gender Studies (Master's)	Gender Studies	Master's	Thesis Plan: Students complete a master's thesis under enrollment in Gender Studies 598. The thesis committee consists of three qualified faculty selected from a current list of designated members for the exam committee. The committee must be appointed by the Graduate Division.	Perform original, independent research	Review of Thesis
College - Social Sciences	Geography	GEOG-M1	Geography (Master's)	Geography	Master's	Thesis Plan: Students must present a thesis based on original research. Selection of a thesis topic, development of a thesis proposal, and conduct of the investigation proceed under the supervision of the student's M.A. committee. The thesis proposal consists of a description of the problem to be researched and the proposed methods of research, a preliminary outline, an assessment of the originality and significance of the project, and a timeline describing the anticipated time of completion of the various stages of the study. The entire thesis project must be carried out in close consultation with all members of the thesis committee. The thesis should generally be no more than 20,000 words in length, exclusive of appendices and bibliography. To ensure progress, each student is expected to establish their master's thesis committee and finalize a thesis proposal by the third quarter following enrollment in the program (normally Spring quarter). The thesis should be filed no later than the fifth or sixth quarter in residence (normally Winter or Spring quarter).	Gain knowledge of advanced topics in the field of Geography	Review of Thesis
College - Social Sciences	Geography	GEOG-M1	Geography (Master's)	Geography	Master's	Thesis Plan: Students must present a thesis based on original research. Selection of a thesis topic, development of a thesis proposal, and conduct of the investigation proceed under the supervision of the student's M.A. committee. The thesis proposal consists of a description of the problem to be researched and the proposed methods of research, a preliminary outline, an assessment of the originality and significance of the project, and a timeline describing the anticipated time of completion of the various stages of the study. The entire thesis project must be carried out in close consultation with all members of the thesis committee. The thesis should generally be no more than 20,000 words in length, exclusive of appendices and bibliography. To ensure progress, each student is expected to establish their master's thesis committee and finalize a thesis proposal by the third quarter following enrollment in the program (normally Spring quarter). The thesis should be filed no later than the fifth or sixth quarter in residence (normally Winter or Spring quarter).	Perform original, independent research	Review of Thesis

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College - Social Sciences	History	HIST-M1	History (Master's)	History	Master's	Foreign Language Requirement: Reading knowledge of one foreign language approved by the department is required for the M.A. degree. It is recommended that this requirement be met in the first year of graduate work. (details)	Attain foreign language skills	Variou
College - Social Sciences	History	HIST-M2	History (Master's)	History	Master's	Capstone Plan: The department follows the capstone plan. Individual fields specify the fulfillment of the examination requirement by (1) a written examination designed to assess the candidate's ability to synthesize a broad field of knowledge; or (2) the submission of three essays as part of the candidate's program of study written for at least three different professors. At least two of these papers must have been submitted for graduate courses in the 200 series. In addition, some fields have examination formats that differ from the above, and specify dates when the examinations are given, as follows: (details by field)	Gain knowledge of advanced topics in the field of History; conduct research	Examination - Written; Review of Essays
College - Social Sciences	Master of Social Science	SOCSC-M1	Master of Social Science (Master's)	Master of Social Science	Master's	Capstone Plan: Students are required to complete a Major Research Paper (MRP). Students must obtain approval of their topic and research plan from the Academic Program Director. Three faculty members will serve as readers for each paper; readers will be designated by the end of the winter quarter. Faculty readers will provide feedback and evaluate the final submission to determine the student's satisfactory fulfillment of this requirement.	Gain knowledge of advanced topics in the field of Social Science; conduct research	Review of Paper
College - Social Sciences	Political Science	POLSCI-M1	Political Science (Master's)	Political Science	Master's	Capstone Plan: The master's comprehensive examination consists of the submission of one doctoral qualifying paper that is deemed acceptable by the faculty.	Gain knowledge of advanced topics in the field of Political Science; conduct research	Examination - Comprehensive; Review of Paper
College - Social Sciences	Political Science	POLSCI-M1	Political Science (Master's)	Political Science	Master's	Capstone Plan: The master's comprehensive examination consists of the submission of one doctoral qualifying paper that is deemed acceptable by the faculty.	Perform original, independent research	Examination - Comprehensive; Review of Paper
College - Social Sciences	Sociology	SOCIOL-M1	Sociology (Master's)	Sociology	Master's	Capstone Plan: No later than in the sixth quarter of residence students must submit an acceptable master's paper for approval by the general faculty. The paper must demonstrate general competence in sociological theory, methodology, and selected substantive areas. (details)	Gain knowledge of advanced topics in the field of Sociology; conduct research	Review of Paper
Dentistry, School of	Oral Biology	ORLBIO-M1	Oral Biology (Master's)	Oral Biology	Master's	Thesis Plan: The purpose of the thesis is to demonstrate the student's ability to design and carry out a research project, and to analyze and present the resulting data. The results of thesis research are expected to be of publishable scientific quality. The subject of the thesis must be approved by the graduate adviser and research mentor. Students prepare and send a proposal of the research project to the graduate adviser at the end of their first year of study.	Perform original, independent research	Review of Thesis
Education & Information Studies, School of	Education	EDUC-M1	Education - MA (Master's)	Education - MA	Master's	Capstone Plan: Students take a comprehensive examination. The comprehensive examination is concerned with central topics in the selected division and field of emphasis. Questions are comprehensive in nature and are designed to measure the breadth and depth of knowledge, as well as ability to focus that knowledge on specific problems. The examination is offered twice yearly, once in Fall Quarter and once in Spring Quarter. Students may be passed, passed with honors, or failed on the examination. Students who fail the examination are given a second opportunity to take the examination in discussion with the student's adviser and a third opportunity on a two-thirds majority of all divisional faculty voting on this issue. No fourth sitting for the examination is permitted. Students who fail the comprehensive examination, but who have been allowed to retake it, may do so at any scheduled sitting with consent of the divisional faculty.	Gain knowledge of advanced topics in the field of Education	Examination - Written

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Proposed Learning Outcomes for Graduate MASTER'S Programs

School or College Division	Department	Sort order	Program (Degree)	Program	Level	Program Requirement	Proposed Learning Objective	Assessment Mechanism
Education & Information Studies, School of	Education	EDUC-M2	Education - MA (Master's)	Education - MA	Master's	Thesis Plan: Before beginning work on the thesis, students must obtain approval of the subject and general plan from the department and from the thesis committee chair. The thesis committee must be formed and a petition for advancement to candidacy for the degree must be filed no later than one quarter prior to completion of course requirements for the degree. The Graduate Division publication, Policies and Procedures for Thesis and Dissertation Preparation and Filing, provide guidance in the final formatting of the manuscript. The department does not require a formal examination for the thesis plan.	Perform original, independent research	Review of Thesis
Education & Information Studies, School of	Education	EDUC-M1	Education - MEd (Master's)	Education - MEd	Master's	The capstone project examination is graded pass, pass with honors, or fail. Students who fail the capstone are given a second opportunity to resubmit it at the discretion of the student's adviser and a third opportunity on a two-thirds majority vote of all program faculty. No fourth submission is allowed.	Gain knowledge of advanced topics in the field of Education	Examination - Written; Review of Project
Education & Information Studies, School of	Education	EDUC-M2	Education - MEd (Master's)	Education - MEd	Master's	Required for all students. The type of field experience varies depending on the specialization. Examples of the required field experience include observation and participation in K-12 classrooms and administrative offices, student teaching, and internships in student affairs settings at the post-secondary level.	Gain knowledge and skills from field experience	Various
Education & Information Studies, School of	Library Studies	LIBST-M1	Library & Information Science (Master's)	Library & Information Science	Master's	Capstone Plan: Students who choose this option complete a comprehensive examination that consists of two components: a basic component and a specialization component. - Basic Component. A portfolio is required as the culminating experience. (details) - Specialization Component. A major paper produced in an elective course, normally in the student's area of specialization, is required. (details)	Gain knowledge of advanced topics in the field of Library & Information Science	Examination - Comprehensive
Education & Information Studies, School of	Library Studies	LIBST-M2	Library & Information Science (Master's)	Library & Information Science	Master's	Thesis Plan: Students who choose this option must submit a thesis reporting on results of their original investigation of a problem. While the problem may be one of only limited scope, the thesis must show a significant style, organization, and depth of understanding of the subject. (details) There is no written examination or portfolio requirement under the thesis plan.	Perform original, independent research	Review of Thesis
Engineering & Applied Science, Henry Samueli School of	Bioengineering	BIOENCR-M1	Bioengineering (Master's)	Bioengineering	Master's	Capstone Plan: The comprehensive examination is available in all fields. The requirements for fulfilling the comprehensive examination varies for each field. Specific details about the comprehensive examination in each field are available from the graduate adviser. Students who fail the examination may repeat it once only, subject to the approval of the faculty examination committee. Students who fail the examination twice are not permitted to submit a thesis and are subject to termination. The oral component of the Ph.D. Preliminary Examination is not required for the M.S. degree.	Gain knowledge of advanced topics in the field of Bioengineering	Examination - Comprehensive
Engineering & Applied Science, Henry Samueli School of	Bioengineering	BIOENCR-M2	Bioengineering (Master's)	Bioengineering	Master's	Thesis Plan: New students who choose this plan are expected to submit the name of the thesis adviser to the graduate adviser by the end of their first quarter in residence. The thesis adviser serves as chair of the thesis committee. A research thesis (eight units of Bioengineering 598) is to be written on a biomedical engineering topic approved by the thesis adviser. The thesis committee consists of the thesis adviser and two other qualified faculty members who are selected from a current list of designated members for the interdepartmental program.	Perform original, independent research	Review of Thesis

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Engineering & Applied Science, Henry Samueli School of	Chemical & Biomolecular Engineering	CHENGR-M1	Chemical Engineering (Master's)	Chemical Engineering	Master's	Field Experience: Specialization in semiconductor manufacturing. Students are required to take Chemical Engineering 270R, a directed research course, in the field, working at an industrial semiconductor fabrication facility. The proposed research must be approved by the graduate adviser for semiconductor manufacturing and the industrial sponsor of the research.	Gain knowledge and skills from field experience	Variou
Engineering & Applied Science, Henry Samueli School of	Chemical & Biomolecular Engineering	CHENGR-M2	Chemical Engineering (Master's)	Chemical Engineering	Master's	Capstone Plan: This plan is only for students in the specialization in semiconductor manufacturing. Students take Chemical Engineering 597A to prepare for a comprehensive written examination. The examination tests for knowledge of the engineering principles of semiconductor manufacturing. In case of failure, the examination may be repeated once within one quarter with the consent of the graduate adviser for the specialization. Second failure of the examination leads to a recommendation to the Graduate Division for termination of graduate study.	Gain knowledge of advanced topics in the field of Chemical Engineering	Examination - Comprehensive Written
Engineering & Applied Science, Henry Samueli School of	Chemical & Biomolecular Engineering	CHENGR-M3	Chemical Engineering (Master's)	Chemical Engineering	Master's	Thesis Plan: This plan is for all M.S. degree students who are not in the specialization in semiconductor manufacturing. These students must complete a thesis. Students should consult the research adviser for details on the thesis plan. Thesis plan students nominate a three member thesis committee that must meet University regulations and be approved by the Graduate Division, as outlined in Standards and Procedures for Graduate Study at UCLA.	Perform original, independent research	Review of Thesis
Engineering & Applied Science, Henry Samueli School of	Civil & Environmental Engineering	CEEN-M1	Civil Engineering (Master's)	Civil Engineering	Master's	Capstone Plan: In addition to the course requirements, a comprehensive examination is administered that covers the subject matter contained in the program of study. The comprehensive exam may be offered in one of the following formats: (1) a portion of the doctoral written preliminary examination, (2) examination questions offered separately on final examinations of common department courses to be selected by the committee, or (3) a written and/or oral examination administered by the comprehensive examination committee. The examination is administered by a comprehensive examination committee consisting of at least three faculty members. In case of failure, the examination may be repeated once with the consent of the graduate adviser.	Gain knowledge of advanced topics in the field of Civil Engineering	Examination - Comprehensive
Engineering & Applied Science, Henry Samueli School of	Civil & Environmental Engineering	CEEN-M2	Civil Engineering (Master's)	Civil Engineering	Master's	Thesis Plan: In addition to the course requirements, under the thesis plan students are required to write a thesis on a research topic in civil and environmental engineering supervised by the thesis adviser. A thesis committee reviews and approves the thesis. No oral examination is required.	Perform original, independent research	Review of Thesis
Engineering & Applied Science, Henry Samueli School of	Computer Science	CMPSCI-M1	Computer Science (Master's)	Computer Science	Master's	Capstone Plan: The master's Capstone Project requirement is satisfied through satisfactory completion of an individual project under the direction of the student's faculty adviser. A final report is reviewed by a committee consisting of three faculty members.	Gain knowledge of advanced topics in the field of Computer Science; conduct research	Review of Project
Engineering & Applied Science, Henry Samueli School of	Computer Science	CMPSCI-M2	Computer Science (Master's)	Computer Science	Master's	Thesis Plan: The thesis is a report on the results of the student's investigation of a problem in the student's major field of study under the supervision of the thesis committee, which approves the subject and plan of the thesis and reads and approves the completed manuscript. While the problem may be one of only limited scope, the thesis must exhibit a satisfactory style, organization, and depth of understanding of the subject. A student should normally start to plan the thesis at least one year before the award of the M.S. degree is expected.	Perform original, independent research	Review of Thesis

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Engineering & Applied Science, Henry Samueli School of	Electrical & Computer Engineering	ECENGR-M1	Electrical & Computer Engineering (Master's)	Electrical & Computer Engineering	Master's	Capstone Plan: The M.S. capstone requirement is satisfied by one of the following two options: 1. Through completion of an individual study (Electrical and Computer Engineering 299) under the direction of a faculty member. (details) 2. By solving a comprehensive examination problem in the final, project, or equivalent, of every formal graduate course in Electrical and Computer Engineering taken by the student. (details)	Gain knowledge of advanced topics in the field of Electrical & Computer Engineering	Examination - Comprehensive; Review of Project
Engineering & Applied Science, Henry Samueli School of	Electrical & Computer Engineering	ECENGR-M2	Electrical & Computer Engineering (Master's)	Electrical & Computer Engineering	Master's	Thesis Plan: The master's thesis requirement is satisfied through completion of a thesis that is under the direction of the student's faculty adviser and meets the approval of a thesis committee comprised of the adviser and two other faculty members. Thesis research must be conducted concurrently with the required course work.	Perform original, independent research	Review of Thesis
Engineering & Applied Science, Henry Samueli School of	Engineering – MS in Engineering, Online	OL-ENGR-M1	Engineering – MS in Engineering, Online (Master's)	Engineering – MS in Engineering, Online	Master's	Capstone Plan: This requirement is fulfilled by (1) extra readings and a major design project and report; students enroll in one four-unit course of Engineering 299 to reflect credit for this work, or (2) in consultation with their adviser, students may elect to take and pass three extra examination questions offered separately from each of the final examinations of three graduate courses, to be selected from a set of common department courses.	Gain knowledge of advanced topics in the field of Engineering and project design	Examination - Comprehensive; Review of Project
Engineering & Applied Science, Henry Samueli School of	Engineering – MS in Engineering, Online	OL-ENGR-M2	Engineering – MS in Engineering, Online (Master's)	Engineering – MS in Engineering, Online	Master's	Thesis Plan: Students who request and are approved to pursue the thesis plan enroll in two four-unit courses of Engineering 598 to reflect credit for thesis work.	Perform original, independent research	Review of Thesis
Engineering & Applied Science, Henry Samueli School of	Engineering – MS in Engineering-Aerospace, Online	OL-AEROEN-M1	Engineering – MS in Engineering-Aerospace, Online (Master's)	Engineering – MS in Engineering-Aerospace, Online	Master's	Capstone Plan: Students can meet the Capstone Plan Requirement in two ways: Choose (1 option below) Option 1: Take and pass the ENGR 299 Capstone Project course. Option 2: Take and pass three written exams for three different graduate level courses within the student's area of specialization. The written exams are held concurrently with the final exam of the graduate level courses. Students may select which exams they would like to count towards the comprehensive exam requirement.	Gain knowledge of advanced topics in the field of Aerospace Engineering and project design	Examination - Comprehensive; Review of Project
Engineering & Applied Science, Henry Samueli School of	Engineering – MS in Engineering-Computer Networking, Online	OL-CMPNET-M1	Engineering – MS in Engineering-Computer Networking, Online (Master's)	Engineering – MS in Engineering-Computer Networking, Online	Master's	Capstone Plan: Students can meet the Capstone Plan Requirement in two ways: Choose (1 option below) Option 1: Take and pass the ENGR 299 Capstone Project course. Option 2: Take and pass three written exams for three different graduate level courses within the student's area of specialization. The written exams are held concurrently with the final exam of the graduate level courses. Students may select which exams they would like to count towards the Capstone Plan requirement.	Gain knowledge of advanced topics in the field of Computer Networking and project design	Examination - Comprehensive; Review of Project

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Engineering & Applied Science, Henry Samueli School of	Engineering – MS in Engineering-Electrical, Online	OL-ELENGR-M1	Engineering – MS in Engineering-Electrical, Online (Master's)	Engineering – MS in Engineering-Electrical, Online	Master's	Capstone Plan: Students can meet the Capstone Plan Requirement in two ways: Choose (1 option below) Option 1: Take and pass the ENGR 299 Capstone Project course. Option 2: Take and pass three written exams for three different graduate level courses within the student's area of specialization. The written exams are held concurrently with the final exam of the graduate level courses. Students may select which exams they would like to count towards the Capstone Plan requirement.	Gain knowledge of advanced topics in the field of Electrical Engineering and project design	Examination - Comprehensive; Review of Project
Engineering & Applied Science, Henry Samueli School of	Engineering – MS in Engineering-Electronic Materials, Online	OL-ELCMAT-M1	Engineering – MS in Engineering-Electronic Materials, Online (Master's)	Engineering – MS in Engineering-Electronic Materials, Online	Master's	Capstone Plan: Students can meet the Capstone Plan Requirement in two ways: Choose (1 option below) Option 1: Take and pass the ENGR 299 Capstone Project course. Option 2: Take and pass three written exams for three different graduate level courses within the student's area of specialization. The written exams are held concurrently with the final exam of the graduate level courses. Students may select which exams they would like to count towards the Capstone Plan requirement.	Gain knowledge of advanced topics in the field of Electronic Materials	Examination - Comprehensive; Review of Project
Engineering & Applied Science, Henry Samueli School of	Engineering – MS in Engineering-Integrated Circuits, Online	OL-ITGCIR-M1	Engineering – MS in Engineering-Integrated Circuits, Online (Master's)	Engineering – MS in Engineering-Integrated Circuits, Online	Master's	Capstone Plan: Students can meet the Capstone Plan Requirement in two ways: Choose (1 option below) Option 1: Take and pass the ENGR 299 Capstone Project course. Option 2: Take and pass three written exams for three different graduate level courses within the student's area of specialization. The written exams are held concurrently with the final exam of the graduate level courses. Students may select which exams they would like to count towards the Capstone Plan requirement.	Gain knowledge of advanced topics in the field of Integrated Circuits and project design	Examination - Comprehensive; Review of Project
Engineering & Applied Science, Henry Samueli School of	Engineering – MS in Engineering-Manufacturing & Design, Online	OL-MFGDES-M1	Engineering – MS in Engineering-Manufacturing & Design, Online (Master's)	Engineering – MS in Engineering-Manufacturing & Design, Online	Master's	Capstone Plan: Students can meet the Capstone Plan Requirement in two ways: Choose (1 option below) Option 1: Take and pass the ENGR 299 Capstone Project course. Option 2: Take and pass three written exams for three different graduate level courses within the student's area of specialization. The written exams are held concurrently with the final exam of the graduate level courses. Students may select which exams they would like to count towards the Capstone Plan requirement.	Gain knowledge of advanced topics in the field of Manufacturing and Design and project design	Examination - Comprehensive; Review of Project

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Engineering & Applied Science, Henry Samueli School of	Engineering – MS in Engineering-Materials Science, Online	OL-MATSCI-M1	Engineering – MS in Engineering-Materials Science, Online (Master's)	Engineering – MS in Engineering-Materials Science, Online	Master's	Capstone Plan: Students can meet the Capstone Plan Requirement in two ways: Choose (1 option below) Option 1: Take and pass the ENGR 299 Capstone Project course. Option 2: Take and pass three written exams for three different graduate level courses within the student's area of specialization. The written exams are held concurrently with the final exam of the graduate level courses. Students may select which exams they would like to count towards the Capstone Plan requirement.	Gain knowledge of advanced topics in the field of Materials Science and project design	Examination - Comprehensive; Review of Project
Engineering & Applied Science, Henry Samueli School of	Engineering – MS in Engineering-Mechanical, Online	OL-MECHEN-M1	Engineering – MS in Engineering-Mechanical, Online (Master's)	Engineering – MS in Engineering-Mechanical, Online	Master's	Capstone Plan: Students can meet the Capstone Plan Requirement in two ways: Choose (1 option below) Option 1: Take and pass the ENGR 299 Capstone Project course. Option 2: Take and pass three written exams for three different graduate level courses within the student's area of specialization. The written exams are held concurrently with the final exam of the graduate level courses. Students may select which exams they would like to count towards the Capstone Plan requirement.	Gain knowledge of advanced topics in the field of Mechanical Engineering and project design	Examination - Comprehensive; Review of Project
Engineering & Applied Science, Henry Samueli School of	Engineering – MS in Engineering-Signal Processing & Communications, Online	OL-SGNLPRS-M1	Engineering – MS in Engineering-Signal Processing & Communications, Online (Master's)	Engineering – MS in Engineering-Signal Processing & Communications, Online	Master's	Capstone Plan: Students can meet the Capstone Plan Requirement in two ways: Choose (1 option below) Option 1: Take and pass the ENGR 299 Capstone Project course. Option 2: Take and pass three written exams for three different graduate level courses within the student's area of specialization. The written exams are held concurrently with the final exam of the graduate level courses. Students may select which exams they would like to count towards the Capstone Plan requirement.	Gain knowledge of advanced topics in the field of Signal Processing & Communications and project design	Examination - Comprehensive; Review of Project
Engineering & Applied Science, Henry Samueli School of	Engineering – MS in Engineering-Structural Materials, Online	OL-STRLMAT-M1	Engineering – MS in Engineering-Structural Materials, Online (Master's)	Engineering – MS in Engineering-Structural Materials, Online	Master's	Capstone Plan: Students can meet the Capstone Plan Requirement in two ways: Choose (1 option below) Option 1: Take and pass the ENGR 299 Capstone Project course. Option 2: Take and pass three written exams for three different graduate level courses within the student's area of specialization. The written exams are held concurrently with the final exam of the graduate level courses. Students may select which exams they would like to count towards the Capstone Plan requirement.	Gain knowledge of advanced topics in the field of Structural Materials and project design	Examination - Comprehensive; Review of Project
Engineering & Applied Science, Henry Samueli School of	Materials Science & Engineering	MATSCI-M1	Materials Science & Engineering (Master's)	Materials Science & Engineering	Master's	Capstone Plan: Option 1: Comprehensive Exam (details) Option 2: Capstone Project (details)	Gain knowledge of advanced topics in the field of Materials Science & Engineering; conduct research	Examination - Comprehensive; Review of Project

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Engineering & Applied Science, Henry Samueli School of	Materials Science & Engineering	MATSCI-M2	Materials Science & Engineering (Master's)	Materials Science & Engineering	Master's	Thesis Plan: In addition to the course requirements, students are required to write a thesis on a research topic in material science and engineering supervised by the thesis adviser. An M.S. thesis committee reviews and approves the thesis. Master's committees consist of a minimum of three faculty members from UCLA - the faculty adviser as chair and two other faculty members. One of the three may be faculty from other UCLA departments. Members must hold one of the following academic ranks: Professor (any rank, regular series), Professor Emeritus, Adjunct Professor (any rank), Professor-in-Residence (any rank) or Acting Professor (any rank).	Perform original, independent research	Review of Thesis
Engineering & Applied Science, Henry Samueli School of	Mechanical & Aerospace Engineering	AEROEN-M1	Aerospace Engineering (Master's)	Aerospace Engineering	Master's	Capstone Plan: The comprehensive examination is offered in either written or oral format. A committee to administer the examination consists of the academic adviser as chair and two other faculty members; at least two members must be from within the department. Students may, in consultation with their adviser and the master's committee, select one of the following options for the examination: (1) take and pass the first part of the doctoral written qualifying examination as the master's comprehensive examination; (2) conduct research or design a project and submit a final report to the master's committee; (3) take and pass three extra examination questions offered separately from each of the final examinations of three graduate courses, to be selected by the committee from a set of common department courses; or (4) take and pass an oral examination administered by the M.S. committee. In case of failure, students may be reexamined once with the consent of the graduate adviser.	Gain knowledge of advanced topics in the field of Aerospace Engineering; conduct research	Examination - Comprehensive (Written or Oral); Review of Project
Engineering & Applied Science, Henry Samueli School of	Mechanical & Aerospace Engineering	AEROEN-M2	Aerospace Engineering (Master's)	Aerospace Engineering	Master's	Thesis Plan: The thesis must describe some original piece of research that has been done under the supervision of the thesis committee. Students would normally start to plan the thesis at least one year before the award of the M.S. degree is expected. There is no examination under the thesis plan.	Perform original, independent research	Review of Thesis
Engineering & Applied Science, Henry Samueli School of	Mechanical & Aerospace Engineering	MECHEN-M1	Mechanical Engineering (Master's)	Mechanical Engineering	Master's	Capstone Plan: The comprehensive examination is offered in either written or oral format. A committee to administer the examination consists of the academic adviser as chair and two other faculty members; at least two members must be from within the department. Students may, in consultation with their adviser and the master's committee, select one of the following options for the examination: (1) take and pass the first part of the doctoral written qualifying examination as the master's comprehensive examination; (2) conduct research or design a project and submit a final report to the master's committee; (3) take and pass three extra examination questions offered separately from each of the final examinations of three graduate courses, to be selected by the committee from a set of common department courses; or (4) take and pass an oral examination administered by the M.S. committee. In case of failure, students may be reexamined once with the consent of the graduate adviser.	Gain knowledge of advanced topics in the field of Mechanical Engineering; conduct research	Examination - Comprehensive (Written or Oral); Review of Project
Engineering & Applied Science, Henry Samueli School of	Mechanical & Aerospace Engineering	MECHEN-M2	Mechanical Engineering (Master's)	Mechanical Engineering	Master's	Thesis Plan: The thesis must describe some original piece of research that has been done under the supervision of the thesis committee. Students would normally start to plan the thesis at least one year before the award of the M.S. degree is expected. There is no examination under the thesis plan.	Perform original, independent research	Review of Thesis

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Engineering & Applied Science, Henry Samueli School of	Mechanical & Aerospace Engineering	MFGEN-M1	Manufacturing Engineering (Master's)	Manufacturing Engineering	Master's	Capstone Plan: The comprehensive examination is offered in either written or oral format. A committee to administer the examination consists of the academic adviser as chair and two other faculty members; at least two members must be from within the department. Students may, in consultation with their adviser and the master's committee, select one of the following options for the examination: (1) take and pass the first part of the doctoral written qualifying examination as the master's comprehensive examination; (2) conduct research or design a project and submit a final report to the master's committee; (3) take and pass three extra examination questions offered separately from each of the final examinations of three graduate courses, to be selected by the committee from a set of common department courses; or (4) take and pass an oral examination administered by the M.S. committee. In case of failure, students may be reexamined once with the consent of the graduate adviser.	Gain knowledge of advanced topics in the field of Manufacturing Engineering	Examination - Comprehensive (Written or Oral); Review of Project
Engineering & Applied Science, Henry Samueli School of	Mechanical & Aerospace Engineering	MFGEN-M2	Manufacturing Engineering (Master's)	Manufacturing Engineering	Master's	Thesis Plan: The thesis must describe some original piece of research that has been done under the supervision of the thesis committee. Students would normally start to plan the thesis at least one year before the award of the M.S. degree is expected. There is no examination under the thesis plan.	Perform original, independent research	Review of Thesis
Institute of the Environment & Sustainability	Environment & Sustainability	ENVIRON-M1	Environment & Sustainability (Master's)	Environment & Sustainability	Master's	Teaching Experience: There is no uniform teaching experience requirement for the M.S. degree. However, at the discretion of the faculty, a student may be required to gain teaching experience.	Gain teaching skills	Various
Institute of the Environment & Sustainability	Environment & Sustainability	ENVIRON-M2	Environment & Sustainability (Master's)	Environment & Sustainability	Master's	Field Experience: There is no uniform field experience requirement for the M.S. degree. However, at the discretion of the faculty, a student may be required to gain field experience.	Gain knowledge and skills from field experience	Various
Institute of the Environment & Sustainability	Environment & Sustainability	ENVIRON-M3	Environment & Sustainability (Master's)	Environment & Sustainability	Master's	Capstone Plan: In addition to the course requirements, under the capstone plan, there is a comprehensive written examination covering the subject matter contained in the program of study. The examination is administered by a comprehensive examination committee, which may conduct an oral examination in addition to the written examination. In case of failure, the examination may be repeated once with the consent of the graduate adviser.	Gain knowledge of advanced topics in the field of Environment and Sustainability	Examination - Comprehensive
Institute of the Environment & Sustainability	Environment & Sustainability	ENVIRON-M4	Environment & Sustainability (Master's)	Environment & Sustainability	Master's	Thesis Plan: In addition to the course requirements, under the thesis plan students are required to write a thesis on a research topic in environment and sustainability supervised by the student's graduate advisers. The student's doctoral committee reviews and approves the thesis. No oral examination is required.	Perform original, independent research	Review of Thesis
International Institute	African Studies	AFRCST-M1	African Studies (Master's)	African Studies	Master's	Foreign Language Requirement: Students are required to satisfy the language requirement by achieving elementary proficiency in an African language in one of the following two ways: (1) taking three courses (12 units) in an African language with an average grade of B or better (these courses may not be applied toward the nine-course minimum required for the degree); or (2) achieving an elementary rating on an oral proficiency examination arranged by the African languages coordinator. European languages spoken in Africa may be substituted by petition to the chair.	Attain foreign language skills	Various

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International Institute	African Studies	AFRCST-M2	African Studies (Master's)	African Studies	Master's	Capstone Plan: The capstone plan involves a four- to six-hour written examination that is taken in the last quarter of academic residence. The examination is set by a three-person faculty committee, two members of which must be from the major discipline or field of concentration. In consultation with the graduate adviser, the student selects the committee members for the examination. The chair of the committee receives questions from other members and is responsible for setting the examination questions and requirements. An additional oral examination may be held at the discretion of the examining committee. If the examination is failed, it may be retaken only once. A student must take the exam within the next academic quarter.	Gain knowledge of advanced topics in the field of African Studies	Examination - Written
International Institute	African Studies	AFRCST-M3	African Studies (Master's)	African Studies	Master's	Thesis Plan: The thesis option is available by permission of the graduate adviser. Upon obtaining permission, the student, in consultation with the graduate adviser, selects a faculty committee to supervise and assess the thesis. Two of the three faculty committee members, including the chair, must be from the area of concentration; a third member must be from another discipline. The thesis must reflect the major discipline or field of concentration. An oral defense may be required in some circumstances.	Perform original, independent research	Review of Thesis
International Institute	East Asian Studies	EASTD-M1	East Asian Studies (Master's)	East Asian Studies	Master's	Foreign Language Requirement: Students must complete the third-year level of course work in either modern spoken Chinese, Japanese, or Korean (through course level six) or demonstrate and document the equivalent level of ability.	Attain foreign language skills	Various
International Institute	East Asian Studies	EASTD-M2	East Asian Studies (Master's)	East Asian Studies	Master's	Capstone Plan: The capstone plan consists of a comprehensive examination, which involves the submission of three research papers (at least one seminar and two upper division papers). These papers are evaluated by the ad hoc committee chaired by the student's principal adviser. Students have to submit their papers during the last quarter in residence. If the comprehensive examination is failed, it may be retaken only once via the resubmission of qualifying papers by the end of the next academic quarter.	Gain knowledge of advanced topics in the field of East Asian Studies; conduct research	Examination - Comprehensive; Review of Paper
International Institute	Latin American Studies	LATNAM-M1	Latin American Studies (Master's)	Latin American Studies	Master's	Foreign Language Requirement: Proficiency equivalent to 24 quarter units of university-level Spanish and 12 quarter units of university-level Portuguese or 16 quarter units of university-level Portuguese and 20 units of university-level Spanish is required. Only course work taken within five years of the award of the M.A. degree may be used to demonstrate current proficiency. Since these courses may not be applied toward the M.A. degree, students are encouraged to pass these proficiency levels by examination. Degree candidates who completed their language training five years prior to their advancement to candidacy must demonstrate their current proficiency by examination. A major Indigenous language of Latin America may be substituted for either Spanish or Portuguese. Students must fulfill the foreign language requirements by examination or petition for a waiver of the examination if they have gained competency in another manner (i.e., native speaker, upper division course work, Peace Corps service).	Attain foreign language skills	Various

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International Institute	Latin American Studies	LATNAM-M2	Latin American Studies (Master's)	Latin American Studies	Master's	Capstone Plan: This requirement is fulfilled by the submission of three research papers written for at least two of the three fields included as part of the student's program of study. At least two of these papers must have been submitted for graduate courses in the 200 series. The papers are evaluated by a three-member faculty committee representing the degree candidate's three fields or both fields if the candidate is doing only two fields. Two positive votes among the three-member faculty examination committee constitute a pass. The committee evaluates the papers in the following terms: honor pass (a unanimous vote); pass; pass subject to revision of one or more of the research papers; or fail (majority vote). If two of the three members of the committee so request, an oral examination based on the papers may be required. When papers are passed subject to revision, one member of the committee is assigned the responsibility of working with the student on the revision, and determining when the paper has been satisfactorily revised. No reexaminations are permitted. The degree is awarded on recommendation of the faculty committee. Copies of the papers are filed in the Latin American Studies Academic Programs Office.	Gain knowledge of advanced topics in the field of Latin American Studies; conduct research	Review of Papers
International Institute	Latin American Studies	LATNAM-M3	Latin American Studies (Master's)	Latin American Studies	Master's	Thesis Plan: Although students are generally expected to follow the M.A. comprehensive examination plan, in special cases they may be allowed to follow the M.A. thesis plan. The student must develop a carefully prepared proposal to be approved by the academic coordinator in consultation with the student's faculty committee chair. To be approved, the proposal must provide sound justification for the thesis plan, including provisions for funding any field research.	Perform original, independent research	Review of Thesis
Medicine, David Geffen School of	Biomathematics	BIOMATH-M1	Biomathematics (Master's)	Biomathematics	Master's	Capstone Plan: As the capstone option to the master's degree, students take comprehensive examinations. The written comprehensive examinations cover material presented in course work.	Gain knowledge of advanced topics in the field of Biomathematics	Examination - Comprehensive Written
Medicine, David Geffen School of	Biomathematics	BIOMATH-M2	Biomathematics (Master's)	Biomathematics	Master's	Thesis Plan: Permission to undertake the thesis option must be given by the student's adviser. In consultation with the adviser, the chair must approve the thesis committee and plans for the thesis.	Perform original, independent research	Review of Thesis
Medicine, David Geffen School of	Biomathematics	CLINRES-M1	Clinical Research (Master's)	Clinical Research	Master's	Capstone Plan: Students may choose between a Capstone Plan II (capstone: research report) or a Thesis Plan. For the Capstone Plan, a Master's Report Committee will be constituted for each student. The Committee will have a chair and at least two other faculty members. Subject to approval of the committee, the capstone report can take on a variety of forms including a research article or a grant proposal. However, in all cases, the committee expects each Master's Research Report would add to the body of knowledge in the student's clinical specialty. The Committee will supervise the preparation of the report and will meet with the student regularly to review progress. The final research report will be presented orally to the committee and the final written research report must be approved by the full committee.	Gain knowledge of advanced topics in the field of Clinic Research; conduct research	Examination - Oral; Review of Report
Medicine, David Geffen School of	Biomathematics	CLINRES-M2	Clinical Research (Master's)	Clinical Research	Master's	Thesis Plan: A master's thesis committee consisting of a minimum of three faculty is nominated by the department and appointed by the Graduate Division. Students discuss with their adviser(s) their choice for the chair of the thesis committee (which must be a faculty within the Department of Biomathematics). The committee composition must be approved by the Executive Committee. The completed thesis is presented to the thesis committee for approval.	Perform original, independent research	Review of Thesis

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Medicine, David Geffen School of	Human Genetics	HUMGEN-M1	Human Genetics (Master's)	Human Genetics	Master's	Thesis Plan: A written thesis is required for master's degree students. A thesis committee composed of at least three faculty members helps the student to plan the thesis research and makes a recommendation on granting the terminal degree.	Perform original, independent research	Review of Thesis
Medicine, David Geffen School of	Molecular & Medical Pharmacology	MPHARM-M1	Molecular & Medical Pharmacology (Master's)	Molecular & Medical Pharmacology	Master's	Teaching Experience: Seminar presentations are required of all students in the graduate program. Students may participate as teaching assistants in undergraduate, medical, or graduate courses.	Gain teaching skills	Various
Medicine, David Geffen School of	Molecular & Medical Pharmacology	MPHARM-M2	Molecular & Medical Pharmacology (Master's)	Molecular & Medical Pharmacology	Master's	Thesis Plan: The M.S. degree requires satisfactory completion of a thesis.	Perform original, independent research	Review of Thesis
Medicine, David Geffen School of	Pathology & Laboratory Medicine	CMPATH-M1	Cellular & Molecular Pathology (Master's)		Master's	Teaching Experience: Students should consult the department.	Gain teaching skills	Various
Medicine, David Geffen School of	Pathology & Laboratory Medicine	CMPATH-M2	Cellular & Molecular Pathology (Master's)	Cellular & Molecular Pathology	Master's	Thesis Plan: Students must be formally advanced to candidacy to receive the master's degree. Students must execute an original scholarly research project. This project must be approved by a committee of three faculty. Students then must write up the project as a thesis which requires approval of the same committee. The student and the faculty adviser must select two other faculty members for the committee. Members of the committee must be in the department. Students should consult the department for further details.	Perform original, independent research	Review of Thesis
Medicine, David Geffen School of	Physics & Biology in Medicine	PBMED-M1	Physics & Biology in Medicine (Master's)	Physics & Biology in Medicine	Master's	Capstone Plan: Students may pass a comprehensive examination (Plan II) that consists of the materials from the core and required courses. The examination is offered at least once a year, and students have two chances to pass the examination. Students who plan to continue on the Ph.D. study track may request approval from their faculty adviser for the Ph.D. written specialty examination to be used to satisfy the requirement for the M.S. comprehensive examination (Plan II). Students then receive the M.S. degree, in addition to the Ph.D. degree.	Gain knowledge of advanced topics in the field of Physics & Biology in Medicine; conduct research	Examination - Comprehensive
Medicine, David Geffen School of	Physics & Biology in Medicine	PBMED-M2	Physics & Biology in Medicine (Master's)	Physics & Biology in Medicine	Master's	Thesis Plan: Students satisfy this requirement by writing a thesis (Plan I) based on a research project. After students complete the course requirements, they must choose a faculty member to guide their research and chair the thesis committee.	Perform original, independent research	Review of Thesis
Music, Herb Alpert School of	Ethnomusicology	ETHNMUS-M1	Ethnomusicology (Master's)	Ethnomusicology	Master's	Foreign Language Requirement: A reading knowledge of one language other than English relevant to the student's research is required. Students are encouraged to acquire competence in their field language as soon as possible. Students may satisfy the language requirement by (1) passing an examination administered by the department or a language department of the university; (2) completing the fifth quarter in the language with a minimum grade of B, or (3) demonstrating literacy through submission of transcripts or other documents that show course work or experience in the language. The choice of language and the method of satisfying the requirement must be approved by the Graduate Advisory Committee.	Attain foreign language skills	Various
Music, Herb Alpert School of	Ethnomusicology	ETHNMUS-M2	Ethnomusicology (Master's)	Ethnomusicology	Master's	With the exception of Systematic Musicology students, fieldwork is required.	Gain knowledge and skills from field experience	Various
Music, Herb Alpert School of	Ethnomusicology	ETHNMUS-M3	Ethnomusicology (Master's)	Ethnomusicology	Master's	Capstone Plan: The capstone for the ethnomusicology specialization consists of two parts: a research paper of a length, form, and originality to warrant submission to a scholarly journal; and an oral examination on that research paper and on the history, method, and theory of ethnomusicology. A faculty adviser, chosen by the student, advises the student as they write the paper.	Gain knowledge of advanced topics in the field of Ethnomusicology; conduct research	Examination - Oral; Review of Report

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Music, Herb Alpert School of	Music	MUSC-M1	Music - MA (Master's)	Music	Master's	Foreign Language Requirement: For the composition specialization, a reading knowledge of one foreign language is required. Students must select from French, German, Italian, or Spanish. Students whose native language is not English may use English as a foreign language. Students may fulfill the language requirement by completing three successive quarters of the regular undergraduate series or the 1G language study course with a grade of B (3.0) or better in each course or by passing the UCLA Foreign Language Placement Test in one of those languages, placing into level four or higher. For the composition for visual media specialization there is no foreign language requirement.	Attain foreign language skills	Various
Music, Herb Alpert School of	Music	MUSC-M2	Music - MA (Master's)	Music	Master's	Thesis Plan: The thesis is a work proposed by the student and approved by the composition and theory faculty. The membership of the committee is approved by the faculty before the committee nomination is submitted to the Graduate Division. The chair and second member of the committee normally are from the area of composition. The third member normally is from the area of performance or conducting.	Perform original, independent research	Review of Thesis
Music, Herb Alpert School of	Music	MUSC-MM-M1	Music (Master's of Music)	Music	Master's	Foreign Language Requirement: There is no uniform language requirement. Students in voice, collaborative piano, and choral conducting must demonstrate their proficiency in a foreign language by passing a departmental examination in German, French, Italian, or Spanish. This requirement may also be satisfied by completing three quarters of foreign language instruction in the same language or the 1G language study course with a grade of B (3.0) or better, or by passing the UCLA Foreign Language Department Placement Test in one of those languages and being placed into level four or higher. Students specializing in repertoire where another language is vital may petition to use another language.	Attain foreign language skills	Various
Music, Herb Alpert School of	Music	MUSC-MM-M2	Music (Master's of Music)	Music	Master's	Capstone Plan: After completing one year of course work and three quarters of performance/conducting instruction, students must submit the program for the master's recital for approval. Upon approval of this program, students may book a campus facility for the recital and request that a master's committee be formed. The committee consists of the student's master teacher and two other department faculty in related areas of instruction. Two of the three committee members must be full-time Senate faculty. The committee oversees the preparation of the recital and adjudicates the recital itself. The individual project consists of a master's recital. Students present a final master's recital. If, in the opinion of a student's master teacher, the student is not prepared to present a recital at the level of what is normally expected of a student who completes the M.M. degree, the recital may be postponed. An audio recording of the recital is archived in the Music Library.	Gain knowledge of advanced topics in the field of Music; musical performance	Review of Program; Review of Project
Music, Herb Alpert School of	Musicology	MUSCLG-M1	Musicology (Master's)	Musicology	Master's	Teaching Experience: Although not required, it is expected that each student will serve as a teaching assistant for at least one year.	Gain teaching skills	Various

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Music, Herb Alpert School of	Musicology	MUSCLG-M2	Musicology (Master's)	Musicology	Master's	Capstone Plan: Students take the comprehensive examination after completing their course requirements, normally by the end of their fifth quarter. The examination is scheduled by the faculty during the spring quarter and all second-year students take it together. Students who enter with an M.A. in Musicology may choose to take the exam at the end of their first year. The examination is intended to test skill at historical analysis, knowledge of a body of critical theory, interpretive and music analytical abilities, and the capacity for critical and reflective thinking. In anticipation of the examination, students will be given a set of 9 questions by the end of fall preceding the exams. In March prior to the exam, students will submit two revised final papers from UCLA Musicology seminars, to be read by the faculty M.A. Examination Committee. The M.A. Examination Committee will select five of the nine questions distributed in the previous fall for a six-hour proctored exam, from which each student will choose three questions to respond to. Finally, there will be a 2-hour oral exam with the M.A. Examination Committee, where the student's revised seminar papers and sit-down essays will be discussed, including possibilities and strategies for publication of seminar papers where warranted. The oral exam will culminate in one of four outcomes: Pass (to the Ph.D.), Pass with Revision, Terminal Pass (M.A. only), or Fail.	Gain knowledge of advanced topics in the field of Musicology; conduct research	Examination - Comprehensive
Nursing, School of	Nursing	NURSING-M1	Nursing (Master's) (MSN)	Nursing - MSN	Master's	Capstone Plan: Successful completion of the comprehensive examination is required. The comprehensive examination is given in written form during spring quarter. Students are eligible to take the examination once they are advanced to candidacy and may repeat the examination twice. One retake may occur during the spring quarter. Otherwise, retakes are offered during summer sessions and fall quarter. Students must complete all requirements for the degree within one calendar year after advancement to candidacy.	Gain knowledge of advanced topics in the field of Nursing	Examination - Comprehensive Written
Public Affairs, Luskin School of	Public Policy	PUBPLC-M1	Public Policy - MPP (Master's)	Public Policy - MPP	Master's	Field Experience: 400 hours of field training in an approved policy setting are required and generally completed between the first and second years of the program. However some students may complete fieldwork hours during the academic year. Students enroll in four units of internship course work via PUB PLC 496 either during the quarter or at the conclusion of their internship. In addition to serving in the internship, the course work includes professional development sessions directly related to their field experience. Students who have substantial professional experience or have a position to which they will be returning after graduation may petition to waive the internship requirement. The request must be submitted by the end of spring quarter of the first year of the M.P.P. program. Students receiving a waiver are still expected to complete the unit equivalent of the waived course via an elective.	Gain knowledge and skills from field experience	Various
Public Affairs, Luskin School of	Public Policy	PUBPLC-M2	Public Policy - MPP (Master's)	Public Policy - MPP	Master's	Capstone Plan: This requirement is met by completion of an Applied Policy Project (APP) during the three-quarter policy seminar, which builds on the core courses, internship experience, and elective courses. (details)	Gain knowledge of advanced topics in the field of Public Policy; conduct research	Review of Project

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Public Affairs, Luskin School of	Social Welfare	SOCWLF-M1	Social Welfare - MSW (Master's)	Social Welfare - MSW	Master's	Field Experience: Practicum Requirements: There is a concurrent field placement in each of the two years. Time spent in placement may vary according to the academic year calendar, holidays and guidelines established by the program or placement setting. The overall time requirement is approximately 1,200 hours of which approximately 550 hours are completed in the first year and 650 hours are completed in the second year of the program. Field experience in the M.S.W. program earns course credit via enrollment in SW 401A (3 units) in the fall of the first year, SW 401B (3 units) in winter and SW 401C (3 units) in the spring and SW 402A (4 units) in the fall of the second year, SW 402B (4 units) in the winter and SW 402C (4 units) in the spring. Field placement is graded and recorded as in progress until spring quarter when full credit for the academic year is received.	Gain knowledge and skills from field experience	Various
Public Affairs, Luskin School of	Social Welfare	SOCWLF-M2	Social Welfare - MSW (Master's)	Social Welfare - MSW	Master's	Capstone Plan: Applied Research Project. All students in their second year will engage in a year long research project directed by their capstone course consisting of eight units over three quarters.	Gain knowledge of advanced topics in the field of Social Welfare; conduct research	Review of Project
Public Affairs, Luskin School of	Urban Planning	URBNPL-M1	Urban & Regional Planning - MURP (Master's)	Urban & Regional Planning - MURP	Master's	Foreign Language Requirement: There is no foreign language requirement for the master's degree, but students who expect to emphasize international development studies are encouraged to acquire proficiency in at least one foreign language. However courses below 100-level cannot count towards a graduate degree.	Attain foreign language skills	Various
Public Affairs, Luskin School of	Urban Planning	URBNPL-M2	Urban & Regional Planning - MURP (Master's)	Urban & Regional Planning - MURP	Master's	Field Experience: A student without substantial prior professional experience in planning is required to complete a minimum of 300 hours of fieldwork. Fieldwork is defined as clinical or real world experience with a planning office, a private organization involved in planning, a community action agency, or applied research within a clinical context (excluding conventional university-based research projects). Students fulfill this requirement by enrolling in four units of Urban Planning 496 (see core course requirement chart) while completing the fieldwork requirement or immediately thereafter. Students with significant prior work experience may petition to waive this requirement. Further details about fulfilling this requirement or waiving it are available from the Graduate Adviser.	Gain knowledge and skills from field experience	Various
Public Affairs, Luskin School of	Urban Planning	URBNPL-M3	Urban & Regional Planning - MURP (Master's)	Urban & Regional Planning - MURP	Master's	Capstone Plan: A student must select one of the capstone plan options by the deadline(s) set by the department. In some cases an application may be required. While students are guaranteed admission into at least one capstone option, they are not guaranteed admission into all of the capstone options. - Individual Project (Applied Planning Research or Client Project) - Group Project (Comprehensive Project) - Comprehensive Examination (Two-week Examination)	Gain knowledge of advanced topics in the field of Urban and Regional Planning; conduct research	Examination - Comprehensive; Review of Project
Public Affairs, Luskin School of	Urban Planning	URBNPL-M4	Urban & Regional Planning - MURP (Master's)	Urban & Regional Planning - MURP	Master's	Thesis Plan: A student must select this option by the deadline established by the department. Once a deadline has passed, students are limited to options with subsequent deadlines.	Perform original, independent research	Review of Thesis
Public Health, Fielding School of	Biostatistics	BIOSTAT-M1	Biostatistics (Master's)	Biostatistics	Master's	Capstone Plan: Students are required to pass a written comprehensive examination that covers the content of the required courses. No more than one reexamination after failure is allowed. Students who do not take the reexamination at the time specified by the department forfeit their right to reexamination.	Gain knowledge of advanced topics in the field of Biostatistics	Examination - Comprehensive Written
Public Health, Fielding School of	Community Health Sciences	COMHLT-M1	Community Health Sciences (Master's)	Community Health Sciences	Master's	Based on learning objectives/competencies developed for the Community Health Science MSPH program	Access and understand relevant sources of information and data about community health.	Review of course work (CHS 210, 211A, 211B); Review of Thesis/Project

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Public Health, Fielding School of	Community Health Sciences	COMHLT-M2	Community Health Sciences (Master's)	Community Health Sciences	Master's	Based on learning objectives/competencies developed for the Community Health Science MSPH program	Describe theories, concepts, models from the social and behavioral sciences and apply these theories to community health research.	Review of coursework (CHS 210, 211A, 211B); Review of Thesis/Project
Public Health, Fielding School of	Community Health Sciences	COMHLT-M3	Community Health Sciences (Master's)	Community Health Sciences	Master's	Based on learning objectives/competencies developed for the Community Health Science MSPH program	Identify and explain how social, cultural, and behavioral factors affect the health of individuals, communities and populations.	Review of course work (CHS 210)
Public Health, Fielding School of	Community Health Sciences	COMHLT-M4	Community Health Sciences (Master's)	Community Health Sciences	Master's	Based on learning objectives/competencies developed for the Community Health Science MSPH program	Describe how health inequities are related to historical and contemporary structural inequities in power and privilege.	Review of course work (CHS 210, 211A, 211B)
Public Health, Fielding School of	Community Health Sciences	COMHLT-M5	Community Health Sciences (Master's)	Community Health Sciences	Master's	Based on learning objectives/competencies developed for the Community Health Science MSPH program	Describe, explain, and apply social and behavioral science methods and basic epidemiological principles to community health research.	Review of course work (211A, 211B, EPI 100); Review of Thesis/Project
Public Health, Fielding School of	Community Health Sciences	COMHLT-M6	Community Health Sciences (Master's)	Community Health Sciences	Master's	Based on learning objectives/competencies developed for the Community Health Science MSPH program	Respect diversity and when existing theories and research methods are not appropriate to a particular population to identify resources and collaborators to select and apply appropriate methods.	Review of course work (210, 211A, 211B, 213); Review of Thesis/Project
Public Health, Fielding School of	Community Health Sciences	COMHLT-M7	Community Health Sciences (Master's)	Community Health Sciences	Master's	Based on learning objectives/competencies developed for the Community Health Science MSPH program	Identify, explain and apply steps and procedures based on social science approaches for evidence-based evaluation about community health programs, policies and interventions, including community-based participatory research.	Review of course work (211B)
Public Health, Fielding School of	Community Health Sciences	COMHLT-M8	Community Health Sciences (Master's)	Community Health Sciences	Master's	Based on learning objectives/competencies developed for the Community Health Science MSPH program	Conduct analysis of public health data, interpret findings, and draw conclusions about community health.	Review of course work (CHS 212, 213, BIO 100AB, BIO 406); Review of Thesis/Project
Public Health, Fielding School of	Community Health Sciences	COMHLT-M9	Community Health Sciences (Master's)	Community Health Sciences	Master's	Based on learning objectives/competencies developed for the Community Health Science MSPH program	Effectively communicate orally and in writing with public health professionals, researchers, members of the community, and stakeholders about community health research findings.	Review of course work (CHS 210, 211A, 211B, 212, 213); Review of Thesis/Project
Public Health, Fielding School of	Community Health Sciences	COMHLT-M10	Community Health Sciences (Master's)	Community Health Sciences	Master's	Based on learning objectives/competencies developed for the Community Health Science MSPH program	Behave in an ethical manner in practice and research and in interactions with others.	Review of course work (CHS 210, 211A, 211B, 213); Review of Thesis/Project
Public Health, Fielding School of	Community Health Sciences		Master of Public Health for Health Professionals (Master's)	Master of Public Health for Health Professionals	Master's	Based on learning objectives/competencies developed for the Community Health Science MPH program	Describe theories, concepts, models from the social and behavioral sciences and apply these theories to community health practice.	Review of course work (CHS 210, 211A, 211B); Fieldwork

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Public Health, Fielding School of	Community Health Sciences		Master of Public Health for Health Professionals (Master's)	Master of Public Health for Health Professionals	Master's	Based on learning objectives/competencies developed for the Community Health Science MPH program	Identify and explain how social, cultural, and behavioral factors affect the health of individuals, communities and populations including how health inequities are related to historical and contemporary structural inequities in power and privilege.	Review of course work (CHS 210, 211A, 211B)
Public Health, Fielding School of	Community Health Sciences		Master of Public Health for Health Professionals (Master's)	Master of Public Health for Health Professionals	Master's	Based on learning objectives/competencies developed for the Community Health Science MPH program	Describe, explain and apply procedures for evidence-based planning and implementation of community health programs, policies and interventions.	Review of course work (211A); Fieldwork
Public Health, Fielding School of	Community Health Sciences		Master of Public Health for Health Professionals (Master's)	Master of Public Health for Health Professionals	Master's	Based on learning objectives/competencies developed for the Community Health Science MPH program	Recognize when existing approaches may not be culturally appropriate for a particular population and to collaborate with communities and others to design, implement and evaluate more suitable health programs.	Review of course work (CHS 210, 211A, 211B); Fieldwork
Public Health, Fielding School of	Community Health Sciences		Master of Public Health for Health Professionals (Master's)	Master of Public Health for Health Professionals	Master's	Based on learning objectives/competencies developed for the Community Health Science MPH program	Identify, explain and apply steps and procedures based on social science approaches for evidence-based evaluation of community health programs, policies and interventions, including community-based participatory research.	Review of course work (CHS 211B); Fieldwork
Public Health, Fielding School of	Community Health Sciences	MPH-M1	Master of Public Health for Health Professionals (Master's)	Master of Public Health for Health Professionals	Master's	Capstone Plan: Students must pass a departmental comprehensive examination. Students may be reexamined once. The aim of the examination, as a culminating experience, is to assess the student's ability to select theories, methods, and techniques from across the content matter of a field, integrate and synthesize knowledge, and apply it to the solution of public health problems	Gain knowledge of topics in the field of Public Health; conduct research	Examination - Comprehensive
Public Health, Fielding School of	Environmental Health Sciences	ENVHLT-M1	Environmental Health Sciences (Master's)	Environmental Health Sciences	Master's	Capstone Plan: If the student selects the comprehensive examination & report option (Plan II), the candidate must pass a comprehensive examination on the major area of study. This examination is prepared by a committee of at least three faculty members. If the examination is failed, the student may be reexamined once. In addition, the student must complete a research activity (Environmental Health Sciences 596) of at least four units and prepare an in-depth written report on this activity. For the report, the student also has the option of submitting an externally peer-reviewed publication (e.g. journal article, book chapter) that was completed while a student. Either report option must be approved by the adviser and at least one other faculty member.	Gain knowledge of advanced topics in the field of Environmental Health Sciences; conduct research	Examination - Comprehensive; Review of Report
Public Health, Fielding School of	Environmental Health Sciences	ENVHLT-M2	Environmental Health Sciences (Master's)	Environmental Health Sciences	Master's	Thesis Plan: If the student selects the thesis option (Plan I), a thesis committee of three faculty members is established. The committee approves the thesis before the student graduates. An externally peer-reviewed publication (e.g. journal article or book chapter) may be submitted as the thesis, with appropriate format modification.	Perform original, independent research	Review of Thesis

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Public Health, Fielding School of	Epidemiology	EPIDEM-M1	Epidemiology (Master's)	Epidemiology	Master's	Capstone Plan: If the Capstone Plan is chosen, a guidance committee of three department faculty is appointed. A comprehensive examination on the major area of study must be passed. If failed, the examination may be repeated once. In addition, the student must complete an individual research project with an article appropriate for publication.	Gain knowledge of advanced topics in the field of Epidemiology; conduct research	Examination - Comprehensive
Public Health, Fielding School of	Epidemiology	EPIDEM-M2	Epidemiology (Master's)	Epidemiology	Master's	Thesis Plan: If the thesis option is approved, a thesis committee of three faculty is appointed by the Dean of the Graduate Division on recommendation of the department. The chair of the committee and at least one other member must hold academic appointments in the department. The committee approves the thesis prospectus before the student may file for advancement to candidacy. The thesis must be acceptable to the thesis committee.	Perform original, independent research	Review of Thesis
Public Health, Fielding School of	Health Policy & Management	HLTPOL-EXEC-M1	Executive Master of Public Health (Master's)	Executive Master of Public Health	Master's	Capstone Plan: Students must complete a summer field project and write a research or consulting report.	Gain knowledge of advanced topics in the field of Public Health; conduct research	Review of Project
Public Health, Fielding School of	Health Policy & Management	HLTPOL-M1	Health Policy & Management (Master's)	Health Policy & Management	Master's	Capstone Plan: If the capstone plan (comprehensive examination/report) is approved, a guidance committee of three faculty members is appointed. The comprehensive examination consists of an extensive written research report in the major area of study. It must be approved by the guidance committee which also must certify successful completion of all degree requirements.	Gain knowledge of advanced topics in the field of Health Policy & Management; conduct research	Examination - Comprehensive; Review of Report
Public Health, Fielding School of	Public Health	PUBHLT-M1	Public Health - MPH (Master's)	Public Health - MPH	Master's	Field Experience: Field training in an approved public health program is required of candidates who have not had prior relevant field experience. A minimum of four units, but no more than eight units, is required. Students must be in good academic standing, with a grade point average of 3.0 or better, before beginning the field experience.	Gain knowledge and skills from field experience	Review of Fieldwork
Public Health, Fielding School of	Public Health	PUBHLT-M2	Public Health - MPH (Master's)	Public Health - MPH	Master's	Capstone Plan: Students must fulfill the capstone requirement in their department which may consist of one or more of the following: written exam, oral exam, fieldwork completion, or written paper. Students should consult their departments for policies regarding capstone requirements, including the number of times a capstone may be attempted. The aim of the capstone, as a culminating experience, is to assess the student's ability to select theories, methods, and techniques from across the content matter of a field, integrate and synthesize knowledge, and apply it to the solution of public health problems. Students must be in good academic standing, with a grade point average of 3.0 or better, before taking the capstone.	Gain knowledge of topics in the field of Public Health; conduct research	Examination - Written or Oral; Review of Fieldwork; Review of Report
Theater, Film & Television, School of	Film, Television, & Digital Media	FILMTV-M1	Film & Television - MA (Master's)	Film & Television - MA	Master's	Foreign Language Requirement: Although not required for the M.A. degree, some students may be required to demonstrate competence in a foreign language if it is necessary to support the research in their area of specialization.	Attain foreign language skills	Various

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Theater, Film & Television, School of	Film, Television, & Digital Media	FILMTV-M2	Film & Television - MA (Master's)	Film & Television - MA	Master's	Capstone Plan: The Capstone Project is developed within the Capstone Course in the final (spring) quarter of registration and is the culminating project of the degree. The Capstone Project is either a scholarly research paper based on previous work in the program or a paper written in conjunction with, and based on, experiences in a professional internship performed during M.A. study. In either format, the Capstone Project is expected to be a creative work in which students use intellectual frameworks to synthesize ideas and provide original insights into research and professional experiences. After completion of the Capstone Project, the faculty grades the student either pass or fail. If failed, the student's Capstone Project may be improved and reexamined when the Capstone Course is next regularly scheduled, or within the year following the term in which it was first taken. Scheduling is at the discretion of the Faculty. The Capstone is required of all M.A. students who apply to the Ph.D. program.	Gain knowledge of advanced topics in the field of Film & Television; conduct research	Review of Paper
Theater, Film & Television, School of	Film, Television, & Digital Media	FILMTV-MFA-M1	Film & Television-MFA (Master's)	Film & Television - MFA	Master's	Capstone Plan: Students fulfill the capstone requirement through projects appropriate to their specializations. No later than the beginning of the final quarter of residence, the student must file the appropriate documents for advancement to candidacy and receive approval for advancement from the M.F.A. advisory committee.	Gain knowledge of advanced topics in the field of Film & Television; create projects in creative field specializations in Film & Television	Review of Project
Theater, Film & Television, School of	Theater	THEATER-M1	Theater - MFA (Master's)	Theater - MFA	Master's	Field Experience: For the Design for Theater and Entertainment, Directing, and Playwriting Programs, a professional internship experience associated with a theater, film, television or entertainment company is required.	Gain knowledge and skills from field experience	Various
Theater, Film & Television, School of	Theater	THEATER-M2	Theater - MFA (Master's)	Theater - MFA	Master's	Capstone Plan: The plan is satisfied by fulfilling a series of creative projects appropriate to student specializations. On completion of the final creative project or in the last quarter of residence, whichever is last, students must file for advancement to candidacy. The committee then reviews and evaluates students' records. Student participation in the final review is at the discretion of the committee. If students fail the review and evaluation of their creative work by the examining committee, they may, with the approval of the department chair, be reexamined.	Gain knowledge of advanced topics in the field of Theater; create projects in creative field specializations in Theater	Review of Project

UCLA Graduate Programs
Proposed Learning Outcomes for Graduate DOCTORATE Programs

School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
Anderson School of Management	Management – MS, PHD	MSPHD-D1	Management – PHD (Doctorate)	Management – PHD	Doctorate	Proficiency in the major field area is determined by a written examination, supplemented in some areas by an oral examination. The major field examination must be passed before the start of Fall Quarter of the third year of study.	Gain knowledge of advanced topics in the field of Management	Written Examination
Anderson School of Management	Management – MS, PHD	MSPHD-D1	Management – PHD (Doctorate)	Management – PHD	Doctorate	Proficiency in the major field area is determined by a written examination, supplemented in some areas by an oral examination. The major field examination must be passed before the start of Fall Quarter of the third year of study.	Gain knowledge of advanced topics in the field of Management; perform original, independent research	Oral Examination
Anderson School of Management	Management – MS, PHD	MSPHD-D2	Management – PHD (Doctorate)	Management – PHD	Doctorate	When all the preliminary requirements have been fulfilled (course work, research paper, major field examination, seminar), students are eligible to take the University Oral Qualifying Examination and, if passed, to be advanced to candidacy.	Gain knowledge of advanced topics in the field of Management; perform original, independent research	Oral Examination
Anderson School of Management	Management – MS, PHD	MSPHD-D3	Management – PHD (Doctorate)	Management – PHD	Doctorate	Students are required to present the substance of their dissertation proposal in a formal seminar to which all Ph.D. students and faculty are invited.	Perform original, independent research	Review of Dissertation Proposal
Anderson School of Management	Management – MS, PHD	MSPHD-D4	Management – PHD (Doctorate)	Management – PHD	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Anderson School of Management	Management – MS, PHD	MSPHD-D5	Management – PHD (Doctorate)	Management – PHD	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Anderson School of Management	Management – MS, PHD	MSPHD-D5	Management – PHD (Doctorate)	Management – PHD	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Management – MS, PHD; perform original, independent research	Oral Examination
Arts & Architecture, School of the	Architecture & Urban Design	ARCH-D1	Architecture (Doctorate)	Architecture	Doctorate	Students are required to complete a college-level foreign language course equivalent to level three or above with a grade of B or pass an equivalent placement examination.	Mastery of a foreign language	Various
Arts & Architecture, School of the	Architecture & Urban Design	ARCH-D2	Architecture (Doctorate)	Architecture	Doctorate	Students are required to take two qualifying exams. Both exams have written and oral components. The first qualifying exam requires students to demonstrate a broad mastery of the field of architecture. The second qualifying exam assesses student preparedness for	Gain knowledge of advanced topics in the field of Architecture	Written Examination
Arts & Architecture, School of the	Architecture & Urban Design	ARCH-D2	Architecture (Doctorate)	Architecture	Doctorate	Students are required to take two qualifying exams. Both exams have written and oral components. The first qualifying exam requires students to demonstrate a broad mastery of the field of architecture. The second qualifying exam assesses student preparedness for	Gain knowledge of advanced topics in the field of Architecture; perform original, independent research	Oral Examination
Arts & Architecture, School of the	Architecture & Urban Design	ARCH-D3	Architecture (Doctorate)	Architecture	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Arts & Architecture, School of the	Architecture & Urban Design	ARCH-D4	Architecture (Doctorate)	Architecture	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Arts & Architecture, School of the	World Arts & Cultures/Dance	CLTPRF-D1	Culture & Performance (Doctorate)	Culture and Performance	Doctorate	Doctoral students must demonstrate competence in one foreign written and/or oral language. The purpose of the language requirement is to ensure that students have the necessary skills to conduct independent research.	Proficiency in a foreign language for the purpose of conducting research	Various

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School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
Arts & Architecture, School of the	World Arts & Cultures/Dance	CLTPRF-D2	Culture & Performance (Doctorate)	Culture and Performance	Doctorate	The written qualifying examination is administered by the student's doctoral committee. This examination takes the form of four essay questions (chosen from eight possible questions), developed in consultation with the student's faculty adviser and committee, and tailored to the	Gain knowledge of advanced topics in the field of Culture and Performance	Written Examination
Arts & Architecture, School of the	World Arts & Cultures/Dance	CLTPRF-D3	Culture & Performance (Doctorate)	Culture and Performance	Doctorate	The University Oral Qualifying Examination is primarily a defense of the dissertation proposal and is administered by the student's doctoral committee.	Gain knowledge of advanced topics in the field of Culture and Performance; perform original, independent research	Oral Examination
Arts & Architecture, School of the	World Arts & Cultures/Dance	CLTPRF-D4	Culture & Performance (Doctorate)	Culture and Performance	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Arts & Architecture, School of the	World Arts & Cultures/Dance	CLTPRF-D5	Culture & Performance (Doctorate)	Culture and Performance	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Humanities	Art History	ARTHIS-D1	Art History (Doctorate)	Art History	Doctorate	Students are normally required to demonstrate, no later than the time of the University Oral Qualifying Examination, reading fluency in one or more foreign languages in addition to those required for admission.	Reading fluency in a foreign language	Various
College - Humanities	Art History	ARTHIS-D2	Art History (Doctorate)	Art History	Doctorate	After completion of course work and language study, students must take the Ph.D. written qualifying examination to test breadth and depth of knowledge in the major and minor fields of study.	Gain knowledge of advanced topics in the field of art history	Written Examination
College - Humanities	Art History	ARTHIS-D3	Art History (Doctorate)	Art History	Doctorate	After submitting a dissertation proposal, the student then takes the University Oral Qualifying Examination, given by the doctoral committee. Assuming there is no more than one negative vote, the student becomes eligible to advance to candidacy.	Gain knowledge of advanced topics in the field of Art History; perform original, independent research	Oral Examination
College - Humanities	Art History	ARTHIS-D4	Art History (Doctorate)	Art History	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Humanities	Art History	ARTHIS-D5	Art History (Doctorate)	Art History	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Humanities	Asian Languages & Cultures	ASIALC-D1	Asian Languages & Cultures (Doctorate)	Asian Languages and Cultures	Doctorate	In addition to completing the foreign language requirement for the M.A. degree, students at the Ph.D. level must fulfill an additional requirement. This may be fulfilled either by completing a total of three years of study of language(s) outside of the focus language, or by passing a written translation examination administered by the faculty in the language field with the approval of the student's adviser and the Director of Graduate Studies, demonstrating the equivalent of language study.	Mastery of a foreign language	Various
College - Humanities	Asian Languages & Cultures	ASIALC-D2	Asian Languages & Cultures (Doctorate)	Asian Languages and Cultures	Doctorate	Students in the following fields must take written qualifying examinations: Chinese literary and cultural studies, Japanese literary and cultural studies, Korean literary and cultural studies, Buddhist studies, and Cultural and comparative studies. Students in East Asian Linguistics must submit two qualifying papers.	Gain knowledge of advanced topics in the field of Asian Languages and Cultures	Various

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School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
College - Humanities	Asian Languages & Cultures	ASIALC-D3	Asian Languages & Cultures (Doctorate)	Asian Languages and Cultures	Doctorate	At the time of the written examinations, students select a doctoral committee for appointment by the Graduate Division; the chair of this committee serves as the student's dissertation adviser. Students must pass the University Oral Qualifying Examination on the dissertation proposal within six months after the written examinations. Students must submit the dissertation proposal to the doctoral committee at least three weeks prior to the scheduled date of the oral defense. With the department's consent, the examination may be repeated only once.	Gain knowledge of advanced topics in the field of Asian Languages and Cultures; perform original, independent research	Oral Examination
College - Humanities	Asian Languages & Cultures	ASIALC-D4	Asian Languages & Cultures (Doctorate)	Asian Languages and Cultures	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Humanities	Asian Languages & Cultures	ASIALC-D5	Asian Languages & Cultures (Doctorate)	Asian Languages and Cultures	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Humanities	Classics	CLASSIC-D1	Classics (Doctorate)	Classics	Doctorate	By the end of the second year of study in the Ph.D. program, students must demonstrate proficiency in a language not used to satisfy the M.A. requirement, provided that if Italian or French was used to satisfy the M.A. requirement, students must demonstrate proficiency in German.	Proficiency in a foreign language	Various
College - Humanities	Classics	CLASSIC-D2	Classics (Doctorate)	Classics	Doctorate	One three-hour translation examination in Greek and one in Latin consisting respectively of passages from the Greek or Latin reading lists and unseen passages from the relevant language.	Ability to translate from the Greek or Latin	Written Examination
College - Humanities	Classics	CLASSIC-D3	Classics (Doctorate)	Classics	Doctorate	A special field examination in the form of a written three-hour examination in the general area of the student's prospective dissertation topic. This examination is to be taken by the fall of the third year in the doctoral program.	Gain knowledge of advanced topics in the field of Classics	Written Examination
College - Humanities	Classics	CLASSIC-D4	Classics (Doctorate)	Classics	Doctorate	Within one quarter of the special field examination, the student writes a dissertation prospectus and, after review and revision, the University Oral Qualifying Examination is administered by the doctoral committee.	Gain knowledge of advanced topics in the field of Classics; perform original, independent research	Oral Examination
College - Humanities	Classics	CLASSIC-D5	Classics (Doctorate)	Classics	Doctorate	A significant research paper on a field or author of the student's choosing outside of the area of the student's expected specialization. The research paper must be submitted before the end of the third year in the doctoral program, and may be submitted either before or after the	Perform original, independent research	Review of Research Paper
College - Humanities	Classics	CLASSIC-D6	Classics (Doctorate)	Classics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Humanities	Classics	CLASSIC-D7	Classics (Doctorate)	Classics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Humanities	Comparative Literature	COMLIT-D1	Comparative Literature (Doctorate)	Comparative Literature	Doctorate	In addition to completing the foreign language requirement for the M.A. degree, students at the Ph.D. level must demonstrate proficiency in an additional language requirement by the second evaluation stage.	Proficiency in a foreign language	Various
College - Humanities	Comparative Literature	COMLIT-D2	Comparative Literature (Doctorate)	Comparative Literature	Doctorate	Students must take a two-section qualifying examination. The first section consists of a written examination comprised of a 72-hour take home examination in the major and minor fields based on a reading list of 50 works in the major field and 25 works in the minor field	Gain knowledge of advanced topics in the field of Comparative Literature	Written Examination

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School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
College - Humanities	Comparative Literature	COMLIT-D3	Comparative Literature (Doctorate)	Comparative Literature	Doctorate	The second section is an oral examination that follows the written examination, no later than two weeks after the submission of the written portion.	Gain knowledge of advanced topics in the field of Comparative Literature; perform original, independent research	Oral Examination
College - Humanities	Comparative Literature	COMLIT-D4	Comparative Literature (Doctorate)	Comparative Literature	Doctorate	After completion of the first stage examination, as outlined above, students enroll in a 597 course with their major adviser to begin work on the dissertation prospectus. They then take the University Oral Qualifying Examination, which is a two-hour examination based primarily on a defense of the prospectus.	Gain knowledge of advanced topics in the field of Comparative Literature; perform original, independent research	Oral Examination
College - Humanities	Comparative Literature	COMLIT-D5	Comparative Literature (Doctorate)	Comparative Literature	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Humanities	Comparative Literature	COMLIT-D6	Comparative Literature (Doctorate)	Comparative Literature	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Humanities	English	ENGL-D1	English (Doctorate)	English	Doctorate	Students in the Ph.D. program are expected to have a reading knowledge of any two foreign languages, or to demonstrate a superior proficiency in a single language.	Proficiency in a foreign language(s)	Various
College - Humanities	English	ENGL-D2	English (Doctorate)	English	Doctorate	First Qualifying Examination. Around the time that students satisfy the 14-course requirement (including the breadth requirement), ordinarily sometime early in their third year, they should finalize the compositions of their reading lists and the membership of their examination	Gain knowledge of advanced topics in the field of English	Written Examination
College - Humanities	English	ENGL-D3	English (Doctorate)	English	Doctorate	After fulfilling the second language requirement, and once they and their dissertation directors conclude that they are sufficiently prepared (but no later than three quarters after passing the Comprehensive Examination), the students take the second qualifying	Gain knowledge of advanced topics in the field of English; perform original, independent research	Oral Examination
College - Humanities	English	ENGL-D4	English (Doctorate)	English	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Humanities	English	ENGL-D5	English (Doctorate)	English	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Humanities	French & Francophone Studies	FRNCH-D1	French & Francophone Studies (Doctorate)	French & Francophone Studies	Doctorate	Doctoral candidates are expected to satisfy foreign language and interdisciplinary requirements relevant to their dissertation research. The first requirement is a foreign language, other than French, in which the student demonstrates an advanced level of	Mastery of foreign languages	Various
College - Humanities	French & Francophone Studies	FRNCH-D2	French & Francophone Studies (Doctorate)	French & Francophone Studies	Doctorate	The second requirement may be fulfilled by: (a) taking two courses in an intellectual discipline pertinent to the dissertation project or (b) demonstrating a proficiency in a second foreign language in ways described for the first foreign language requirement. Increased the letter grade required to fulfill the Foreign Language requirement for the PhD (from B to B+).	Mastery of foreign languages	Various
College - Humanities	French & Francophone Studies	FRNCH-D3	French & Francophone Studies (Doctorate)	French & Francophone Studies	Doctorate	The written qualifying examination consists of two parts. The first part covers the literary history related to the proposed dissertation topic. The second part consists of critical theory relevant to the proposed dissertation topic. Each examination is based on an individual	Gain knowledge of advanced topics in the field of French & Francophone Studies	Written Examination

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School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
College - Humanities	French & Francophone Studies	FRNCH-D4	French & Francophone Studies (Doctorate)	French & Francophone Studies	Doctorate	The University Oral Qualifying Examination, which takes place in the quarter following the written examination or in the 12th quarter of study, may be taken only after completion of course and language requirements, successful passing of the written examinations, and	Gain knowledge of advanced topics in the field of French and Francophone Studies; perform original, independent research	Oral Examination
College - Humanities	French & Francophone Studies	FRNCH-D5	French & Francophone Studies (Doctorate)	French & Francophone Studies	Doctorate	Prior to taking the University Oral Qualifying Examination, students submit a dissertation prospectus to every member of the doctoral committee. The prospectus is a descriptive text of approximately 20-30 pages outlining the nature, scope, and significance of the proposed	Perform original, independent research	Review of Dissertation Prospectus
College - Humanities	French & Francophone Studies	FRNCH-D6	French & Francophone Studies (Doctorate)	French & Francophone Studies	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Humanities	French & Francophone Studies	FRNCH-D7	French & Francophone Studies (Doctorate)	French & Francophone Studies	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Humanities	Germanic Languages	GERMAN-D1	Germanic Languages (Doctorate)	Germanic Languages	Doctorate	In addition to the first language requirement for the M.A. degree, doctoral students are required to fulfill a second requirement	Proficiency in a foreign language(s)	Various
College - Humanities	Germanic Languages	GERMAN-D2	Germanic Languages (Doctorate)	Germanic Languages	Doctorate	Students must (1) pass the graduate reading examination in their first foreign language; (2) pass an interdepartmental reading examination either in a second foreign language or in the discursive field of their choice; (3) successfully complete three seminars; (4) pass the qualifying	Gain knowledge of advanced topics in the field of Germanic Languages; perform original, independent research	Written Examination
College - Humanities	Germanic Languages	GERMAN-D3	Germanic Languages (Doctorate)	Germanic Languages	Doctorate	Following successful completion of the written examinations, students must prepare a dissertation proposal and pass a two-hour University Oral Qualifying Examination.	Gain knowledge of advanced topics in the field of Germanic Languages; perform original, independent research	Oral Examination
College - Humanities	Germanic Languages	GERMAN-D4	Germanic Languages (Doctorate)	Germanic Languages	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Humanities	Germanic Languages	GERMAN-D5	Germanic Languages (Doctorate)	Germanic Languages	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Humanities	Indo-European Studies	IESTD-D1	Indo-European Studies (Doctorate)	Indo-European Studies	Doctorate	French and German are required, one during the first year.	Proficiency in a foreign language(s)	Various
College - Humanities	Indo-European Studies	IESTD-D2	Indo-European Studies (Doctorate)	Indo-European Studies	Doctorate	Students are required to successfully complete a series of written examinations prior to advancement to candidacy. Students should normally complete at least one of these examinations before the end of their second year in the graduate program.	Gain knowledge of advanced topics in the field of Indo-European Studies	Written Examination
College - Humanities	Indo-European Studies	IESTD-D3	Indo-European Studies (Doctorate)	Indo-European Studies	Doctorate	Following successful completion of the written examinations, the University Oral Qualifying Examination, based on the written examinations and the dissertation prospectus, is administered by the doctoral committee.	Gain knowledge of advanced topics in the field of Indo-European Studies; perform original, independent research	Oral Examination
College - Humanities	Indo-European Studies	IESTD-D4	Indo-European Studies (Doctorate)	Indo-European Studies	Doctorate	Qualifying paper. Students are required to submit a qualifying paper that demonstrates their ability to conduct original research. The paper may be related to the dissertation prospectus, but must be received and approved by the faculty adviser and the chair of the	Perform original, independent research	Review of Research Paper

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School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
College - Humanities	Indo-European Studies	IESTD-D5	Indo-European Studies (Doctorate)	Indo-European Studies	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Humanities	Indo-European Studies	IESTD-D5	Indo-European Studies (Doctorate)	Indo-European Studies	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Humanities	Italian	ITALIAN-D1	Italian (Doctorate)	Italian	Doctorate	For the doctoral degree, reading knowledge of two foreign languages is required. The choice of languages must be approved by the graduate adviser.	Reading fluency in a foreign language(s)	Various
College - Humanities	Italian	ITALIAN-D2	Italian (Doctorate)	Italian	Doctorate	The comprehensive examination for the M.A. degree in Italian serves as Part I of the written qualifying examinations for the Ph.D. degree.	Gain knowledge of advanced topics in the field of Italian	Written Examination
College - Humanities	Italian	ITALIAN-D3	Italian (Doctorate)	Italian	Doctorate	Normally taken no later than six quarters after completion of the M.A. degree, the written examination consists of two parts: a six-hour examination in the student's major field and a five-hour examination in the minor field.	Gain knowledge of advanced topics in the field of Italian	Written Examination
College - Humanities	Italian	ITALIAN-D4	Italian (Doctorate)	Italian	Doctorate	No sooner than two weeks after completion of the second part of the written examination, and after having written a detailed prospectus of the Ph.D. dissertation to follow, students take a two- hour University Oral Qualifying Examination on the major, the minor, and	Gain knowledge of advanced topics in the field of Italian; perform original, independent research	Oral Examination
College - Humanities	Italian	ITALIAN-D5	Italian (Doctorate)	Italian	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Humanities	Italian	ITALIAN-D6	Italian (Doctorate)	Italian	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Humanities	Linguistics	LING-D1	Linguistics (Doctorate)	Linguistics	Doctorate	In order to advance to candidacy, the student must successfully pass an oral examination of their dissertation prospectus, conducted by their doctoral committee.	Gain knowledge of advanced topics in the field of Linguistics; perform original, independent research	Oral Examination
College - Humanities	Linguistics	LING-D2	Linguistics (Doctorate)	Linguistics	Doctorate	In order to be advanced to candidacy, the student is required to prepare and submit one dissertation prospectus.	Perform original, independent research	Review of Prospectus
College - Humanities	Linguistics	LING-D3	Linguistics (Doctorate)	Linguistics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Humanities	Linguistics	LING-D4	Linguistics (Doctorate)	Linguistics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Humanities	Near Eastern Languages & Cultures	ISLMST-D1	Islamic Studies (Doctorate)	Islamic Studies	Doctorate	Intermediate-level proficiency in a second language listed under Major Fields or Subdisciplines and reading proficiency in a European language other than English that is relevant to the student's research are required prior to advancement to doctoral candidacy.	Proficiency in a foreign language	Various

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School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
College - Humanities	Near Eastern Languages & Cultures	ISLMST-D2	Islamic Studies (Doctorate)	Islamic Studies	Doctorate	The doctoral committee conducts four separate written examinations, one in each of the student's three fields and one in a methodology appropriate to the student's dissertation. Following the written examinations, the committee conducts the University Oral Qualifying	Gain knowledge of advanced topics in the field of Islamic Studies; perform original, independent research	Written Examination
College - Humanities	Near Eastern Languages & Cultures	ISLMST-D2	Islamic Studies (Doctorate)	Islamic Studies	Doctorate	The doctoral committee conducts four separate written examinations, one in each of the student's three fields and one in a methodology appropriate to the student's dissertation. Following the written examinations, the committee conducts the University Oral Qualifying	Gain knowledge of advanced topics in the field of Islamic Studies; perform original, independent research	Oral Examination
College - Humanities	Near Eastern Languages & Cultures	ISLMST-D3	Islamic Studies (Doctorate)	Islamic Studies	Doctorate	Students must write a dissertation prospectus that contains (1) a full statement of the dissertation topic, including any fieldwork that may be required; (2) a historiographical discussion of the literature related to the topic; (3) a statement of the methods to be employed;	Perform original, independent research	Review of Dissertation Prospectus
College - Humanities	Near Eastern Languages & Cultures	ISLMST-D4	Islamic Studies (Doctorate)	Islamic Studies	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Humanities	Near Eastern Languages & Cultures	ISLMST-D5	Islamic Studies (Doctorate)	Islamic Studies	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Humanities	Near Eastern Languages & Cultures	NREAST-D1	Near Eastern Languages & Cultures (Doctorate)	Near Eastern Languages & Cultures	Doctorate	Two modern major research languages other than English are required. The choice of languages must be approved by the adviser, who may also require additional language skills in modern and/ or ancient languages if such skills are needed for scholarly work in the area of	Mastery of foreign languages	Various
College - Humanities	Near Eastern Languages & Cultures	NREAST-D2	Near Eastern Languages & Cultures (Doctorate)	Near Eastern Languages & Cultures	Doctorate	Written qualifying examinations must be passed before the formation of a doctoral committee. Candidates in languages are examined in three Near Eastern languages and the literary and historical background of at least two of them. Candidates in literature are examined in the literatures written in two languages within the cultural area of concentration	Gain knowledge of advanced topics in the field of Near Eastern Languages and Cultures	Written Examination
College - Humanities	Near Eastern Languages & Cultures	NREAST-D3	Near Eastern Languages & Cultures (Doctorate)	Near Eastern Languages & Cultures	Doctorate	Following successful completion of the course and language requirements and the written qualifying examinations, students are required to form a doctoral committee and take the University Oral Qualifying Examination.	Gain knowledge of advanced topics in the field of Near Eastern Languages and Cultures; perform original, independent research	Oral Examination
College - Humanities	Near Eastern Languages & Cultures	NREAST-D4	Near Eastern Languages & Cultures (Doctorate)	Near Eastern Languages & Cultures	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Humanities	Near Eastern Languages & Cultures	NREAST-D5	Near Eastern Languages & Cultures (Doctorate)	Near Eastern Languages & Cultures	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Humanities	Philosophy	PHILOS-D1	Philosophy (Doctorate)	Philosophy	Doctorate	A teaching requirement of three quarters of teaching assistant experience while enrolled in Philosophy 375 is required for the Ph.D. degree. Revised the time-to-degree requirement for the concurrent Philosophy, PhD /Law, J.D. degree program to nine years (27 quarters).	Gain teaching skills	Various
College - Humanities	Philosophy	PHILOS-D2	Philosophy (Doctorate)	Philosophy	Doctorate	The department does not require a separate written examination to be passed by students as a condition of advancement to doctoral candidacy. It does, however, require each student to take all three parts of the master's comprehensive examination by the end of	Gain knowledge of advanced topics in the field of Philosophy	Written Examination

UCLA Graduate Programs
Proposed Learning Outcomes for Graduate DOCTORATE Programs

School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
College - Humanities	Philosophy	PHILOS-D3	Philosophy (Doctorate)	Philosophy	Doctorate	In the fourth year, A doctoral committee is chosen and the University Oral Qualifying Examination is scheduled. The primary purpose of this examination is to determine whether the student is able to complete the dissertation successfully. The scope of the examination varies	Gain knowledge of advanced topics in the field of Philosophy; perform original, independent research	Oral Examination
College - Humanities	Philosophy	PHILOS-D4	Philosophy (Doctorate)	Philosophy	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Humanities	Philosophy	PHILOS-D5	Philosophy (Doctorate)	Philosophy	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Humanities	Slavic, East European, & Eurasian Languages & Cultures	SEEEELC-D1	Slavic, East European, & Eurasian Languages & Cultures (Doctorate)	Slavic, East European, and Eurasian Languages & Cultures	Doctorate	Proficiency in both French and German is required for the Ph.D. degree.	Proficiency in two foreign language(s)	Various
College - Humanities	Slavic, East European, & Eurasian Languages & Cultures	SEEEELC-D2	Slavic, East European, & Eurasian Languages & Cultures (Doctorate)	Slavic, East European, and Eurasian Languages & Cultures	Doctorate	Students in applied linguistics and pedagogy take two three-hour written examinations. In the first examination, students are examined in the general area of the proposed dissertation research. In the second examination, students are examined on the history and structure of	Gain knowledge of advanced topics in the field of Slavic, East European, and Eurasian Languages & Cultures	Written Examination
College - Humanities	Slavic, East European, & Eurasian Languages & Cultures	SEEEELC-D3	Slavic, East European, & Eurasian Languages & Cultures (Doctorate)	Slavic, East European, and Eurasian Languages & Cultures	Doctorate	Students who receive a grade of "pass" on the written examinations are admitted to a two-hour University Oral Qualifying Examination, which is designed to test the fields of major interest and general background, and which typically includes discussion of the dissertation topic.	Gain knowledge of advanced topics in the field of Slavic, East European, and Eurasian Languages and Cultures; perform original, independent research	Oral Examination
College - Humanities	Slavic, East European, & Eurasian Languages & Cultures	SEEEELC-D4	Slavic, East European, & Eurasian Languages & Cultures (Doctorate)	Slavic, East European, and Eurasian Languages & Cultures	Doctorate	Formal Lecture: Students are required to deliver a formal lecture in the California Slavic Colloquium no later than two calendar years after advancement to candidacy.	Perform original, independent research	Review of Presentation (Formal Lecture)
College - Humanities	Slavic, East European, & Eurasian Languages & Cultures	SEEEELC-D5	Slavic, East European, & Eurasian Languages & Cultures (Doctorate)	Slavic, East European, and Eurasian Languages & Cultures	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Humanities	Slavic, East European, & Eurasian Languages & Cultures	SEEEELC-D6	Slavic, East European, & Eurasian Languages & Cultures (Doctorate)	Slavic, East European, and Eurasian Languages & Cultures	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Humanities	Spanish & Portuguese	HISPANIC-D1	Hispanic Languages & Literatures (Doctorate)	Hispanic Languages & Literatures	Doctorate	In addition to proficiency in Spanish and Portuguese, students must have a reading knowledge of one other foreign language, to be chosen with the approval of their guidance committee.	Reading fluency in a foreign language	Various
College - Humanities	Spanish & Portuguese	HISPANIC-D2	Hispanic Languages & Literatures (Doctorate)	Hispanic Languages & Literatures	Doctorate	The qualifying examinations consist of (1) presentation of a 40-60 page paper related to the specific dissertation area; (2) a three-hour written examination in the student's field of specialization; 3) a two- hour University Oral Qualifying Examination at which the above research	Gain knowledge of advanced topics in the field of Hispanic Languages and Literatures; perform original, independent research	Written Examination
College - Humanities	Spanish & Portuguese	HISPANIC-D2	Hispanic Languages & Literatures (Doctorate)	Hispanic Languages & Literatures	Doctorate	The qualifying examinations consist of (1) presentation of a 40-60 page paper related to the specific dissertation area; (2) a three-hour written examination in the student's field of specialization; 3) a two- hour University Oral Qualifying Examination at which the above research	Gain knowledge of advanced topics in the field of Hispanic Languages and Literatures; perform original, independent research	Oral Examination

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School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
College - Humanities	Spanish & Portuguese	HISPANIC-D3	Hispanic Languages & Literatures (Doctorate)	Hispanic Languages & Literatures	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Humanities	Spanish & Portuguese	HISPANIC-D4	Hispanic Languages & Literatures (Doctorate)	Hispanic Languages & Literatures	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Humanities	Spanish & Portuguese	HISPANIC-D5	Hispanic Languages & Literatures (Doctorate)	Hispanic Languages & Literatures	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Hispanic Languages and Literatures; perform original, independent research	Oral Examination
College - Life Sciences	Bioinformatics	BIOINFO-D1	Bioinformatics (Doctorate)	Bioinformatics	Doctorate	One quarter of teaching experience is required by the end of the third year.	Gain teaching skills	Various
College - Life Sciences	Bioinformatics	BIOINFO-D2	Bioinformatics (Doctorate)	Bioinformatics	Doctorate	Doctoral students must complete the core curriculum before they are permitted to take the written and oral qualifying examinations. Students are required to pass a written qualifying examination that consists of a research proposal outside of their dissertation topic.	Gain knowledge of advanced topics in the field of Bioinformatics; perform original, independent research	Written Examination
College - Life Sciences	Bioinformatics	BIOINFO-D2	Bioinformatics (Doctorate)	Bioinformatics	Doctorate	Doctoral students must complete the core curriculum before they are permitted to take the written and oral qualifying examinations. Students are required to pass an oral qualifying examination in which they defend their dissertation research proposal before their doctoral committee.	Gain knowledge of advanced topics in the field of Bioinformatics; perform original, independent research	Oral Examination
College - Life Sciences	Bioinformatics	BIOINFO-D3	Bioinformatics (Doctorate)	Bioinformatics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Life Sciences	Bioinformatics	BIOINFO-D4	Bioinformatics (Doctorate)	Bioinformatics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Life Sciences	Bioinformatics	BIOINFO-D5	Bioinformatics (Doctorate)	Bioinformatics	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Bioinformatics; perform original, independent research	Oral Examination
College - Life Sciences	Ecology & Evolutionary Biology	EEBIOL-D1	Biology (Doctorate)	Biology	Doctorate	Each student is required to serve a minimum of three terms as a teaching assistant.	Gain teaching skills	Various
College - Life Sciences	Ecology & Evolutionary Biology	EEBIOL-D2	Biology (Doctorate)	Biology	Doctorate	Students are required to take the Departmental Written Qualifying Examination during their first year in residence. The examination consists of two parts. Part I examines the breadth of understanding (conceptual and synthetic) of the diversity of specialized subjects	Gain knowledge of advanced topics in the field of Biology	Written Examination
College - Life Sciences	Ecology & Evolutionary Biology	EEBIOL-D3	Biology (Doctorate)	Biology	Doctorate	The University Oral Qualifying Examination is conducted by the doctoral committee and must be completed by the end of the second year of graduate study. Students prepare, present and defend an original written dissertation proposal. The examination focuses on the content of the	Gain knowledge of advanced topics in the field of Biology; perform original, independent research	Oral Examination
College - Life Sciences	Ecology & Evolutionary Biology	EEBIOL-D4	Biology (Doctorate)	Biology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation

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College - Life Sciences	Ecology & Evolutionary Biology	EEBIOL-D5	Biology (Doctorate)	Biology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Life Sciences	Microbiology, Immunology, & Molecular Genetics		Microbiology, Immunology, & Molecular Genetics (Doctorate)	Microbiology, Immunology, & Molecular Genetics	Doctorate	Students are required to gain two quarters of teaching experience through service as teaching assistants in undergraduate courses by the end of the fourth year of graduate study.	Gain teaching skills	Various
College - Life Sciences	Microbiology, Immunology, & Molecular Genetics		Microbiology, Immunology, & Molecular Genetics (Doctorate)	Microbiology, Immunology, & Molecular Genetics	Doctorate	Written Qualifying Examination: The written qualifying examination must be submitted by the end of the second week of spring quarter during the first year of doctoral study. In order to be eligible to take the written qualifying examination, students must have achieved at least two	Gain knowledge of advanced topics in the field of Microbiology, Immunology and Molecular Genetics	Written Examination
College - Life Sciences	Microbiology, Immunology, & Molecular Genetics		Microbiology, Immunology, & Molecular Genetics (Doctorate)	Microbiology, Immunology, & Molecular Genetics	Doctorate	The University Oral Qualifying Examination must be completed and passed by the end of fall quarter of the third year. Students prepare a written description of the scientific background of their proposed dissertation research project, the specific aims of the project,	Gain knowledge of advanced topics in the field of Microbiology, Immunology and Molecular Genetics; perform original, independent research	Oral Examination
College - Life Sciences	Microbiology, Immunology, & Molecular Genetics		Microbiology, Immunology, & Molecular Genetics (Doctorate)	Microbiology, Immunology, & Molecular Genetics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Life Sciences	Microbiology, Immunology, & Molecular Genetics		Microbiology, Immunology, & Molecular Genetics (Doctorate)	Microbiology, Immunology, & Molecular Genetics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Life Sciences	Microbiology, Immunology, & Molecular Genetics		Microbiology, Immunology, & Molecular Genetics (Doctorate)	Microbiology, Immunology, & Molecular Genetics	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Microbiology, Immunology and Molecular Genetics; perform original, independent research	Oral Examination
College - Life Sciences	Molecular Biology	MOLBIO-D1	Molecular Biology (formerly Biological Chemistry) (Doctorate)	Molecular Biology	Doctorate	Students are required to gain two quarters of teaching experience through service as teaching assistants in undergraduate courses by the end of the fourth year of graduate study.	Gain teaching skills	Various
College - Life Sciences	Molecular Biology	MOLBIO-D2	Molecular Biology (formerly Biological Chemistry) (Doctorate)	Molecular Biology	Doctorate	Written Qualifying Examination: The written qualifying examination must be submitted by the end of the second week of spring quarter during the first year of doctoral study. In order to be eligible to take the written qualifying examination, students must have achieved at least two	Gain knowledge of advanced topics in the field of Molecular Biology	Written Examination
College - Life Sciences	Molecular Biology	MOLBIO-D3	Molecular Biology (formerly Biological Chemistry) (Doctorate)	Molecular Biology	Doctorate	The University Oral Qualifying Examination must be completed and passed by the end of fall quarter of the third year. Students prepare a written description of the scientific background of their proposed dissertation research project, the specific aims of the project,	Gain knowledge of advanced topics in the field of Molecular Biology; perform original, independent research	Oral Examination
College - Life Sciences	Molecular Biology	MOLBIO-D4	Molecular Biology (formerly Biological Chemistry) (Doctorate)	Molecular Biology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Life Sciences	Molecular Biology	MOLBIO-D5	Molecular Biology (formerly Biological Chemistry) (Doctorate)	Molecular Biology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation

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College - Life Sciences	Molecular Biology	MOLBIO-D6	Molecular Biology (formerly Biological Chemistry) (Doctorate)	Molecular Biology	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Molecular Biology; perform original, independent research	Oral Examination
College - Life Sciences	Molecular, Cell, & Developmental Biology	MCDBIO-D1	Molecular, Cell, & Developmental Biology (Doctorate)	Molecular, Cell, & Developmental Biology	Doctorate	The department considers teaching experience to be an integral part of the graduate program. Students are expected to complete a minimum of two quarters as a teaching assistant in departmentally approved courses. In general, students serve as teaching assistants for one	Gain teaching skills	Various
College - Life Sciences	Molecular, Cell, & Developmental Biology	MCDBIO-D2	Molecular, Cell, & Developmental Biology (Doctorate)	Molecular, Cell, & Developmental Biology	Doctorate	Written qualifying examination: Students must formally constitute and meet with their doctoral committee. The purpose of the meeting is for the committee to evaluate the student's understanding of the rationale and background for the proposed dissertation research and to	Gain knowledge of advanced topics in the field of Molecular, Cell, & Developmental Biology; perform original, independent research	Written Examination
College - Life Sciences	Molecular, Cell, & Developmental Biology	MCDBIO-D3	Molecular, Cell, & Developmental Biology (Doctorate)	Molecular, Cell, & Developmental Biology	Doctorate	University Oral Qualifying Examination. This examination is chaired by an MCDB doctoral committee member other than the student's adviser, and is conducted by the doctoral committee. The thesis adviser serves on the doctoral committee and votes, but does not participate verbally.	Gain knowledge of advanced topics in the field of Molecular, Cell, & Developmental Biology; perform original, independent research	Oral Examination
College - Life Sciences	Molecular, Cell, & Developmental Biology	MCDBIO-D4	Molecular, Cell, & Developmental Biology (Doctorate)	Molecular, Cell, & Developmental Biology	Doctorate	Midstream seminar. The midstream seminar is meant to occur halfway between the University Oral Qualifying Examination and the final oral examination (defense of the dissertation), but in no case later than the beginning of the fifth year of doctoral study.	Perform original, independent research	Review of Presentation
College - Life Sciences	Molecular, Cell, & Developmental Biology	MCDBIO-D5	Molecular, Cell, & Developmental Biology (Doctorate)	Molecular, Cell, & Developmental Biology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Life Sciences	Molecular, Cell, & Developmental Biology	MCDBIO-D5	Molecular, Cell, & Developmental Biology (Doctorate)	Molecular, Cell, & Developmental Biology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Life Sciences	Molecular, Cellular, & Integrative Physiology	MCIP-D1	Molecular, Cellular, & Integrative Physiology (Doctorate)	Molecular, Cellular, & Integrative Physiology	Doctorate	Students are expected to complete a minimum of two quarters as a teaching assistant, one quarter in the second year and one quarter in the third year for course work--courses approved by the FAC.	Gain teaching skills	Various
College - Life Sciences	Molecular, Cellular, & Integrative Physiology	MCIP-D2	Molecular, Cellular, & Integrative Physiology (Doctorate)	Molecular, Cellular, & Integrative Physiology	Doctorate	The written qualifying examination must be completed by the end of winter quarter of the second year. Students are required to write a National Institute of Health (NIH)-style grant proposal. Each student independently selects the topic of the research proposal, designs the hypotheses to be tested and formulates the experimental approach.	Gain knowledge of advanced topics in the field of Molecular, Cellular, & Integrative Physiology	Written Examination
College - Life Sciences	Molecular, Cellular, & Integrative Physiology	MCIP-D3	Molecular, Cellular, & Integrative Physiology (Doctorate)	Molecular, Cellular, & Integrative Physiology	Doctorate	The University Oral Qualifying Examination must be completed before the end of fall quarter of the third year. Students prepare a written description of the scientific background of the dissertation research project, the specific aims of the project, a description of the preliminary findings and an experimental plan for addressing the specific aims.	Gain knowledge of advanced topics in the field of Molecular, Cellular, & Integrative Physiology; perform original, independent research	Oral Examination
College - Life Sciences	Molecular, Cellular, & Integrative Physiology	MCIP-D4	Molecular, Cellular, & Integrative Physiology (Doctorate)	Molecular, Cellular, & Integrative Physiology	Doctorate	No later than 12 months following the University Oral Qualifying Examination, students are required to give a midstream oral presentation of their dissertation research progress to their doctoral committee. The purpose of the presentation is to monitor the student's progress, identify difficulties that may occur in progressing toward successful completion of the dissertation and, if necessary, to approve changes in the dissertation project.	Gain knowledge of advanced topics in the field of Molecular, Cellular, & Integrative Physiology; perform original, independent research	Review of Presentation

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School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
College - Life Sciences	Molecular, Cellular, & Integrative Physiology	MCIP-D5	Molecular, Cellular, & Integrative Physiology (Doctorate)	Molecular, Cellular, & Integrative Physiology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Life Sciences	Molecular, Cellular, & Integrative Physiology	MCIP-D5	Molecular, Cellular, & Integrative Physiology (Doctorate)	Molecular, Cellular, & Integrative Physiology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Life Sciences	Molecular, Cellular, & Integrative Physiology	MCIP-D6	Molecular, Cellular, & Integrative Physiology (Doctorate)	Molecular, Cellular, & Integrative Physiology	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Molecular, Cellular, & Integrative Physiology; perform original, independent research	Oral Examination
College - Life Sciences	Psychology	PSYCH-D1	Psychology (Doctorate)	Psychology	Doctorate	All students are required to take Psychology 495 in the spring quarter of their first year of the graduate program and in the quarter they first serve as a teaching assistant, and will be introduced to teaching through an introductory teaching assistant position during one quarter of the first year.	Gain teaching skills	Various
College - Life Sciences	Psychology	PSYCH-D2	Psychology (Doctorate)	Psychology	Doctorate	The qualifying examination is administered by the major area and examines in breadth the student's knowledge of the major field. It generally consists of separate segments that may include an individualized examination that assesses the student's in-depth knowledge of the area of specialization.	Gain knowledge of advanced topics in the field of Psychology; perform original, independent research	Written and/or Oral Examination
College - Life Sciences	Psychology	PSYCH-D2	Psychology (Doctorate)	Psychology	Doctorate	The oral qualifying examination evaluates the student's knowledge of the field and includes the dissertation prospectus. The oral qualifying examination must be completed and passed by the end of spring quarter of the fourth year in residence.	Gain knowledge of advanced topics in the field of Psychology; perform original, independent research	Oral Examination
College - Life Sciences	Psychology	PSYCH-D3	Psychology (Doctorate)	Psychology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Life Sciences	Psychology	PSYCH-D4	Psychology (Doctorate)	Psychology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Life Sciences	Psychology	PSYCH-D5	Psychology (Doctorate)	Psychology	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Psychology; perform original, independent research	Oral Examination
College - Physical Sciences	Atmospheric & Oceanic Sciences	AOSCI-D1	Atmospheric & Oceanic Sciences (Doctorate)	Atmospheric and Oceanic Sciences	Doctorate	All students are required to teach (be employed as a teaching assistant within this department) at least two quarters.	Gain teaching skills	Various
College - Physical Sciences	Atmospheric & Oceanic Sciences	AOSCI-D2	Atmospheric & Oceanic Sciences (Doctorate)	Atmospheric and Oceanic Sciences	Doctorate	Students are required to complete three examinations before advancement to candidacy for the doctoral degree: the master's comprehensive examination, which is an oral examination; a written qualifying examination; and the University Oral Qualifying Examination.	Gain knowledge of advanced topics in the field of Atmospheric and Oceanic Sciences; perform original, independent research	Written Examination
College - Physical Sciences	Atmospheric & Oceanic Sciences	AOSCI-D2	Atmospheric & Oceanic Sciences (Doctorate)	Atmospheric and Oceanic Sciences	Doctorate	Students are required to complete three examinations before advancement to candidacy for the doctoral degree: the master's comprehensive examination, which is an oral examination; a written qualifying examination; and the University Oral Qualifying Examination.	Gain knowledge of advanced topics in the field of Atmospheric and Oceanic Sciences; perform original, independent research	Oral Examination
College - Physical Sciences	Atmospheric & Oceanic Sciences	AOSCI-D3	Atmospheric & Oceanic Sciences (Doctorate)	Atmospheric and Oceanic Sciences	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation

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School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
College - Physical Sciences	Atmospheric & Oceanic Sciences	AOSCI-D4	Atmospheric & Oceanic Sciences (Doctorate)	Atmospheric and Oceanic Sciences	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Physical Sciences	Atmospheric & Oceanic Sciences	AOSCI-D5	Atmospheric & Oceanic Sciences (Doctorate)	Atmospheric and Oceanic Sciences	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Atmospheric and Oceanic Sciences; perform original, independent research	Oral Examination
College - Physical Sciences	Chemistry & Biochemistry	BMSBIOL-D1	Biochemistry, Molecular & Structural Biology (Doctorate)	Biochemistry, Molecular and Structural Biology	Doctorate	One year of teaching experience (three quarters) is generally required. Students who serve as teaching assistants must enroll in Chemistry and Biochemistry 375 for each quarter that they teach. Students must receive a satisfactory grade ('S') in order to continue teaching in the program.	Gain teaching skills	Various
College - Physical Sciences	Chemistry & Biochemistry	BMSBIOL-D2	Biochemistry, Molecular & Structural Biology (Doctorate)	Biochemistry, Molecular and Structural Biology	Doctorate	The written examination requirement is coupled to the graduate student seminar (Chemistry and Biochemistry 258). Chemistry and Biochemistry 258 requires a presentation of the student's proposed dissertation research.	Gain knowledge of advanced topics in the field of Biochemistry, Molecular and Structural Biology	Written Examination
College - Physical Sciences	Chemistry & Biochemistry	BMSBIOL-D2	Biochemistry, Molecular & Structural Biology (Doctorate)	Biochemistry, Molecular and Structural Biology	Doctorate	The written examination requirement is coupled to the graduate student seminar (Chemistry and Biochemistry 258). Chemistry and Biochemistry 258 requires a presentation of the student's proposed dissertation research. After completing this oral presentation, the student prepares a written proposal on their dissertation research.	Perform original, independent research	Review of Presentation
College - Physical Sciences	Chemistry & Biochemistry	BMSBIOL-D3	Biochemistry, Molecular & Structural Biology (Doctorate)	Biochemistry, Molecular and Structural Biology	Doctorate	The University Oral Qualifying Examination consists of an original research proposal in an area related to the student's dissertation research. The specific topic of the exam is chosen in consultation with the student's Ph.D. adviser. The exam is prepared by the student in the form of an original research proposal and is presented to the faculty Oral Qualifying Examination Committee during the oral qualifying exam. The student must pass the exam to advance to candidacy.	Gain knowledge of advanced topics in the field of Biochemistry, Molecular and Structural Biology; perform original, independent research	Oral Examination
College - Physical Sciences	Chemistry & Biochemistry	BMSBIOL-D4	Biochemistry, Molecular & Structural Biology (Doctorate)	Biochemistry, Molecular and Structural Biology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Physical Sciences	Chemistry & Biochemistry	BMSBIOL-D5	Biochemistry, Molecular & Structural Biology (Doctorate)	Biochemistry, Molecular and Structural Biology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Physical Sciences	Chemistry & Biochemistry	BMSBIOL-D6	Biochemistry, Molecular & Structural Biology (Doctorate)	Biochemistry, Molecular and Structural Biology	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Biochemistry, Molecular and Structural Biology; perform original, independent research	Oral Examination
College - Physical Sciences	Chemistry & Biochemistry	CHEM-D1	Chemistry (Doctorate)	Chemistry	Doctorate	One year (three quarters) of teaching experience is generally required.	Gain teaching skills	Various
College - Physical Sciences	Chemistry & Biochemistry	CHEM-D2	Chemistry (Doctorate)	Chemistry	Doctorate	The written examination requirement is coupled to a graduate student course on research excellence and proposal writing, Advanced Topics in Chemical Research, which students complete during the fall of their 2nd year of graduate studies. The course is designed to build critical thinking and writing skills.	Enhance critical thinking skills, build proposal writing skills, gain knowledge of advanced topics in the field of Chemistry	Written Examination

UCLA Graduate Programs
Proposed Learning Outcomes for Graduate DOCTORATE Programs

School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
College - Physical Sciences	Chemistry & Biochemistry	CHEM-D3	Chemistry (Doctorate)	Chemistry	Doctorate	The University Oral Qualifying Examination consists of an original research proposal in an area distinct from the student's dissertation research and done without assistance from the research adviser. The proposal is presented orally to the committee, and the committee examines their originality and scientific merit, as well as the student's fundamental knowledge in the program area.	Gain knowledge of advanced topics in the field of Chemistry; perform original, independent research	Oral Examination
College - Physical Sciences	Chemistry & Biochemistry	CHEM-D4	Chemistry (Doctorate)	Chemistry	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Physical Sciences	Chemistry & Biochemistry	CHEM-D5	Chemistry (Doctorate)	Chemistry	Doctorate	Students are required to present a talk on the findings described in their dissertation.	Gain presentation skills	Review of Presentation
College - Physical Sciences	Chemistry & Biochemistry	CHEM-D6	Chemistry (Doctorate)	Chemistry	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOCHEM-D1	Geochemistry (Doctorate)	Geochemistry	Doctorate	The student prepares two written research proposals on two dissimilar projects approved by the faculty adviser. The proposals must be concise, with a guideline of 4 pages and a maximum of 5 pages, and must be submitted to the examining committee at least 10 days before the examination. One of the proposals should cover a possible dissertation topic. The proposals are presented briefly to the examining committee orally, and the committee examines their originality and scientific merit, as well as the student's fundamental knowledge in the program area.	Gain knowledge of advanced topics in the field of Geochemistry; perform original, independent research	Written Examination
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOCHEM-D1	Geochemistry (Doctorate)	Geochemistry	Doctorate	The student prepares two written research proposals on two dissimilar projects approved by the faculty adviser. The proposals must be concise, with a guideline of 4 pages and a maximum of 5 pages, and must be submitted to the examining committee at least 10 days before the examination. One of the proposals should cover a possible dissertation topic. The proposals are presented briefly to the examining committee orally, and the committee examines their originality and scientific merit, as well as the student's fundamental knowledge in the program area.	Gain knowledge of advanced topics in the field of Geochemistry; perform original, independent research	Oral Examination
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOCHEM-D2	Geochemistry (Doctorate)	Geochemistry	Doctorate	After passing the departmental qualifying examination, students must consult their faculty adviser and the graduate adviser regarding nomination of the doctoral committee. In consultation with the doctoral committee, students arrange a time for the oral qualifying examination. At least 10 days before this examination, students must provide each member of the doctoral committee with a written prospectus of their proposed dissertation research, including a summary of research objectives, methodologies, and a timeline for completion. In addition to the proposed research, the committee may examine the student's fundamental knowledge in the discipline.	Gain knowledge of advanced topics in the field of Geochemistry; perform original, independent research	Review of Dissertation Proposal

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College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOCHEM-D2	Geochemistry (Doctorate)	Geochemistry	Doctorate	After passing the departmental qualifying examination, students must consult their faculty adviser and the graduate adviser regarding nomination of the doctoral committee. In consultation with the doctoral committee, students arrange a time for the oral qualifying examination. At least 10 days before this examination, students must provide each member of the doctoral committee with a written prospectus of their proposed dissertation research, including a summary of research objectives, methodologies, and a timeline for completion. In addition to the proposed research, the committee may examine the student's fundamental knowledge in the discipline.	Gain knowledge of advanced topics in the field of Geochemistry; perform original, independent research	Oral Examination
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOCHEM-D3	Geochemistry (Doctorate)	Geochemistry	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOCHEM-D4	Geochemistry (Doctorate)	Geochemistry	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOLOGY-D1	Geology (Doctorate)	Geology	Doctorate	Departmental Written and Oral Qualifying Examination: This examination must be taken no later than the spring quarter of the second year. The student prepares two written research proposals on two dissimilar projects approved by the faculty adviser. The proposals must be concise,	Gain knowledge of advanced topics in the field of Geology; perform original, independent research	Written Examination
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOLOGY-D1	Geology (Doctorate)	Geology	Doctorate	Departmental Written and Oral Qualifying Examination: This examination must be taken no later than the spring quarter of the second year. The student prepares two written research proposals on two dissimilar projects approved by the faculty adviser. The proposals must be concise,	Gain knowledge of advanced topics in the field of Geology; perform original, independent research	Oral Examination
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOLOGY-D2	Geology (Doctorate)	Geology	Doctorate	After passing the departmental qualifying examination, students must consult their faculty adviser and the graduate adviser regarding nomination of the doctoral committee. In consultation with the doctoral committee, students arrange a time for the oral qualifying examination. At least 10 days before this examination, students must provide each member of the doctoral committee with a written prospectus of their proposed dissertation research, including a summary of research objectives, methodologies, and a timeline for completion. In addition to the proposed research, the committee may examine the student's fundamental knowledge in the discipline.	Gain knowledge of advanced topics in the field of Geology; perform original, independent research	Review of Dissertation Proposal
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOLOGY-D2	Geology (Doctorate)	Geology	Doctorate	After passing the departmental qualifying examination, students must consult their faculty adviser and the graduate adviser regarding nomination of the doctoral committee. In consultation with the doctoral committee, students arrange a time for the oral qualifying examination. At least 10 days before this examination, students must provide each member of the doctoral committee with a written prospectus of their proposed dissertation research, including a summary of research objectives, methodologies, and a timeline for completion. In addition to the proposed research, the committee may examine the student's fundamental knowledge in the discipline.	Gain knowledge of advanced topics in the field of Geology; perform original, independent research	Oral Examination
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOLOGY-D3	Geology (Doctorate)	Geology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation

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College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOLGY-D4	Geology (Doctorate)	Geology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOSPCPHY-D1	Geophysics & Space Physics (Doctorate)	Geophysics & Space Physics	Doctorate	Departmental Written and Oral Qualifying Examination: This examination must be taken no later than the spring quarter of the second year. The student prepares two written research proposals on two dissimilar projects approved by the faculty adviser. The proposals must be concise,	Gain knowledge of advanced topics in the field of Geophysics & Space Physics; perform original, independent research	Written Examination
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOSPCPHY-D2	Geophysics & Space Physics (Doctorate)	Geophysics & Space Physics	Doctorate	Departmental Written and Oral Qualifying Examination: This examination must be taken no later than the spring quarter of the second year. The student prepares two written research proposals on two dissimilar projects approved by the faculty adviser. The proposals must be concise,	Gain knowledge of advanced topics in the field of Geology; perform original, independent research	Oral Examination
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOSPCPHY-D2	Geophysics & Space Physics (Doctorate)	Geophysics & Space Physics	Doctorate	After passing the departmental qualifying examination, students must consult their faculty adviser and the graduate adviser regarding nomination of the doctoral committee. In consultation with the doctoral committee, students arrange a time for the oral qualifying examination. At least 10 days before this examination, students must provide each member of the doctoral committee with a written prospectus of their proposed dissertation research, including a summary of research objectives, methodologies, and a timeline for completion. In addition to the proposed research, the committee may examine the student's fundamental knowledge in the discipline.	Gain knowledge of advanced topics in the field of Geophysics & Space Physics; perform original, independent research	Review of Dissertation Proposal
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOSPCPHY-D2	Geophysics & Space Physics (Doctorate)	Geophysics & Space Physics	Doctorate	After passing the departmental qualifying examination, students must consult their faculty adviser and the graduate adviser regarding nomination of the doctoral committee. In consultation with the doctoral committee, students arrange a time for the oral qualifying examination. At least 10 days before this examination, students must provide each member of the doctoral committee with a written prospectus of their proposed dissertation research, including a summary of research objectives, methodologies, and a timeline for completion. In addition to the proposed research, the committee may examine the student's fundamental knowledge in the discipline.	Gain knowledge of advanced topics in the field of Geophysics & Space Physics; perform original, independent research	Oral Examination
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOSPCPHY-D3	Geophysics & Space Physics (Doctorate)	Geophysics & Space Physics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOSPCPHY-D4	Geophysics & Space Physics (Doctorate)	Geophysics & Space Physics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Physical Sciences	Earth, Planetary, & Space Sciences	GEOSPCPHY-D5	Geophysics & Space Physics (Doctorate)	Geophysics & Space Physics	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Geophysics & Space Physics; perform original, independent research	Oral Examination
College - Physical Sciences	Mathematics	MATH-D1	Mathematics (Doctorate)	Mathematics	Doctorate	Students must pass one written departmental language examination in either French, German, or Russian.	Reading fluency in a foreign language	Various

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College - Physical Sciences	Mathematics	MATH-D2	Mathematics (Doctorate)	Mathematics	Doctorate	Students must pass three written qualifying examinations: The departmental basic examination. The syllabus for this examination, available in the departmental graduate office and website, consists of a selection of advanced topics that are essential prerequisites for the field of graduate mathematics study at the University.	Gain knowledge of advanced topics in the field of mathematics	Written Examination
College - Physical Sciences	Mathematics	MATH-D4	Mathematics (Doctorate)	Mathematics	Doctorate	The completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Gain knowledge of advanced topics in the field of Mathematics; perform original, independent research	Oral Examination
College - Physical Sciences	Mathematics	MATH-D4	Mathematics (Doctorate)	Mathematics	Doctorate	The completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Gain knowledge of advanced topics in the field of Mathematics; perform original, independent research	Review of Dissertation
College - Physical Sciences	Mathematics	MATH-D5	Mathematics (Doctorate)	Mathematics	Doctorate	The completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Physical Sciences	Physics & Astronomy	ASTR-D1	Astronomy (Doctorate)	Astronomy	Doctorate	Before receiving a Ph.D. degree, students are required to spend at least three quarters as a teaching assistant at UCLA, preferably completed in the first two years of study.	Gain teaching skills	Various
College - Physical Sciences	Physics & Astronomy	ASTR-D2	Astronomy (Doctorate)	Astronomy	Doctorate	The primary goal of the graduate program in astronomy is to train students to perform research at the Ph.D. level. The comprehensive examination is therefore designed to assess both research ability and general knowledge of astronomy and physics at the graduate	Gain knowledge of advanced topics in the field of Astronomy; perform original, independent research	Written Examination
College - Physical Sciences	Physics & Astronomy	ASTR-D2	Astronomy (Doctorate)	Astronomy	Doctorate	The primary goal of the graduate program in astronomy is to train students to perform research at the Ph.D. level. The comprehensive examination is therefore designed to assess both research ability and general knowledge of astronomy and physics at the graduate	Gain knowledge of advanced topics in the field of Astronomy; perform original, independent research	Oral Examination
College - Physical Sciences	Physics & Astronomy	ASTR-D3	Astronomy (Doctorate)	Astronomy	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Physical Sciences	Physics & Astronomy	ASTR-D4	Astronomy (Doctorate)	Astronomy	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Physical Sciences	Physics & Astronomy	ASTR-D5	Astronomy (Doctorate)	Astronomy	Doctorate	Final Oral Examination (Defense of the Dissertation)	Gain knowledge of advanced topics in the field of Astronomy; perform original, independent research	Oral Examination
College - Physical Sciences	Physics & Astronomy	PHYSICS-D1	Physics (Doctorate)	Physics	Doctorate	The written examination is administered by a departmental Comprehensive Examination Committee. This written comprehensive examination consists of two sessions on consecutive days, and its scope is defined by the graduate physics material related to the six core courses	Gain knowledge of advanced topics in the field of Physics	Written Examination
College - Physical Sciences	Physics & Astronomy	PHYSICS-D2	Physics (Doctorate)	Physics	Doctorate	Students are expected to take the University Oral Qualifying Examination no later than their ninth quarter. The main purpose of this examination is to discuss and evaluate the student's proposed dissertation problem. However, at the discretion of the committee, questions	Gain knowledge of advanced topics in the field of Physics; perform original, independent research	Oral Examination
College - Physical Sciences	Physics & Astronomy	PHYSICS-D3	Physics (Doctorate)	Physics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation

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College - Physical Sciences	Physics & Astronomy	PHYSICS-D4	Physics (Doctorate)	Physics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Physical Sciences	Physics & Astronomy	PHYSICS-D5	Physics (Doctorate)	Physics	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Physics; perform original, independent research	Oral Examination
College - Physical Sciences	Statistics	STATS-D1	Statistics (Doctorate)	Statistics	Doctorate	Students are required to complete at least one quarter of service as a teaching assistant for a minimum of 25% time appointment. Students who serve as teaching assistants in the department must have taken or be currently enrolled in Statistics 495A-495B-495C.	Gain teaching skills	Various
College - Physical Sciences	Statistics	STATS-D2	Statistics (Doctorate)	Statistics	Doctorate	The written qualifying examination consists of a high-quality paper, solely authorized by the student. This paper can be a research paper containing an original contribution, or a focused critical survey paper. The paper should demonstrate that the student understands and can integrate	Gain knowledge of advanced topics in the field of Statistics	Review of Paper
College - Physical Sciences	Statistics	STATS-D3	Statistics (Doctorate)	Statistics	Doctorate	After passing the written qualifying examination, students select a doctoral committee that administers the University Oral Qualifying Examination, required for advancement to candidacy. Students are encouraged to begin thinking about their research interests as early as possible	Gain knowledge of advanced topics in the field of Statistics; perform original, independent research	Oral Examination
College - Physical Sciences	Statistics	STATS-D4	Statistics (Doctorate)	Statistics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Physical Sciences	Statistics	STATS-D5	Statistics (Doctorate)	Statistics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Physical Sciences	Statistics	STATS-D6	Statistics (Doctorate)	Statistics	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Statistics; perform original, independent research	Oral Examination
College - Social Sciences	Anthropology	ANTHRO-D1	Anthropology (Doctorate)	Anthropology	Doctorate	The qualifying examinations for the Ph.D. degree consist of a written and an oral examination. The timing of these examinations is set in consultation with the members of the doctoral committee; they are to be taken within a 10-week period of time.	Gain knowledge of advanced topics in the field of Anthropology; perform original, independent research	Oral Examination
College - Social Sciences	Anthropology	ANTHRO-D1	Anthropology (Doctorate)	Anthropology	Doctorate	The qualifying examinations for the Ph.D. degree consist of a written and an oral examination. The timing of these examinations is set in consultation with the members of the doctoral committee; they are to be taken within a 10-week period of time.	Gain knowledge of advanced topics in the field of Anthropology; perform original, independent research	Written Examination
College - Social Sciences	Anthropology	ANTHRO-D2	Anthropology (Doctorate)	Anthropology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Social Sciences	Anthropology	ANTHRO-D3	Anthropology (Doctorate)	Anthropology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Social Sciences	Anthropology	ANTHRO-D4	Anthropology (Doctorate)	Anthropology	Doctorate	It is the responsibility of the student's three-member departmental doctoral committee to determine whether foreign language proficiency is required for their particular program of study.	Mastery of a foreign language	Various

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College - Social Sciences	Archaeology	ANTHRO-D5	Archaeology (Doctorate)	Archaeology	Doctorate	Reading competence for research purposes in two modern foreign languages (including one fulfilled at the M.A. level, either at UCLA or elsewhere), relevant to the student's research interests, is required.	Proficiency in foreign languages	Various
College - Social Sciences	Archaeology	ARCHEOL-D2	Archaeology (Doctorate)	Archaeology	Doctorate	Before the written examinations, the candidate will be required to submit to the doctoral committee a formal dissertation proposal of approximately 7500 words (excluding bibliography and figures) indicating the research problem, geographic area, method of study, and preparation for the dissertation.	Gain knowledge of advanced topics in the field of Archaeology; perform original, independent research	Review of Dissertation Proposal
College - Social Sciences	Archaeology	ARCHEOL-D2	Archaeology (Doctorate)	Archaeology	Doctorate	The expectation is that by the end of the sixth quarter of the doctoral program, after the foreign language requirement has been fulfilled, students take a written qualifying examination in the following three areas: (1) topical specialization; (2) analytical theory, method, and technique; and (3) regional culture history.	Gain knowledge of advanced topics in the field of archaeology	Written Examination
College - Social Sciences	Archaeology	ARCHEOL-D2	Archaeology (Doctorate)	Archaeology	Doctorate	The University Oral Qualifying Examination must be taken by the end of the sixth quarter of the doctoral program. The Ph.D. oral proposal defense must take place within 2-4 weeks of the completion of the written examinations.	Gain knowledge of advanced topics in the field of Archaeology; perform original, independent research	Oral Examination
College - Social Sciences	Archaeology	ARCHEOL-D3	Archaeology (Doctorate)	Archaeology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Social Sciences	Archaeology	ARCHEOL-D4	Archaeology (Doctorate)	Archaeology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Social Sciences	Chicana & Chicano Studies	CHICANO-D1	Chicana & Chicano Studies (Doctorate)	Chicana & Chicano Studies	Doctorate	Students are required to have, at minimum, reading fluency in Spanish.	Fluency in Spanish	Various
College - Social Sciences	Chicana & Chicano Studies	CHICANO-D2	Chicana & Chicano Studies (Doctorate)	Chicana & Chicano Studies	Doctorate	All doctoral students are expected to fulfill at least one year of teaching experience as teaching assistants in the department. New teaching assistants must enroll in Chicana/o Studies 495 when they receive their first teaching appointment.	Gain teaching skills	Various
College - Social Sciences	Chicana & Chicano Studies	CHICANO-D3	Chicana & Chicano Studies (Doctorate)	Chicana & Chicano Studies	Doctorate	The Written Qualifying Examination is a two-part exam based on the student's course work, research interests, and familiarity with the field. <u>Part One</u> seeks to evaluate the student's knowledge of the Chicana/Chicano Studies field. <u>Part Two</u> will be a paper in response to a question	Gain knowledge of advanced topics in the field of Chicana & Chicano studies	Written Examination
College - Social Sciences	Chicana & Chicano Studies	CHICANO-D4	Chicana & Chicano Studies (Doctorate)	Chicana & Chicano Studies	Doctorate	Following completion of the Written Qualifying Examination, students are required to take the University Oral Qualifying Examination no later than Spring of the fourth year. The oral examination is approximately two hours in length and is focused on the student's	Gain knowledge of advanced topics in the field of Chicana and Chicano Studies; perform original, independent research	Oral Examination
College - Social Sciences	Chicana & Chicano Studies	CHICANO-D5	Chicana & Chicano Studies (Doctorate)	Chicana & Chicano Studies	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Social Sciences	Chicana & Chicano Studies	CHICANO-D6	Chicana & Chicano Studies (Doctorate)	Chicana & Chicano Studies	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation

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College - Social Sciences	Conservation of Archaeological & Ethnographic Materials	CAEM-MATCUL-D1	Conservation of Material Culture (Doctorate)	Conservation of Material Culture	Doctorate	This required mentored research-based conservation project aims to complement the cluster area courses and introduces students to the conservation challenges while helping students gain research experience and skills in the field. This requirement may be satisfied by participation in a research project at a museum, conservation or science laboratory/national facility, archaeological project, NGO and industry.	Perform research	Review of Project
College - Social Sciences	Conservation of Archaeological & Ethnographic Materials	CAEM-MATCUL-D2	Conservation of Material Culture (Doctorate)	Conservation of Material Culture	Doctorate	At least one quarter of Teaching Experience. We acknowledge that for Ph.D. candidates interested in academic and leading careers, teaching experience would not only provide them with additional communication and pedagogical skills but also with additional qualifications that will increase their competitiveness as leaders.	Gain teaching skills	Various
College - Social Sciences	Conservation of Archaeological & Ethnographic Materials	CAEM-MATCUL-D3	Conservation of Material Culture (Doctorate)	Conservation of Material Culture	Doctorate	During the first year of full-time enrollment in the Ph.D. Program, the student is encouraged to take the pre-candidacy oral preliminary examination, which encompasses the body of knowledge in the Conservation of Material Culture at the level equivalent to that required for a master's degree. Students must choose 4 out of 5 subjects for the oral preliminary examination (30 minutes for each subject) and must pass all four 4-subject examinations they choose to take. The 5 subjects are: 1) Chemistry and properties of material culture; 2) Environment and environmental deterioration of material culture; 3) Conservation methods and materials (polymers, chelating agents, solvents, inorganic mineral consolidants etc.); 4) Documentation and characterization of material culture and 5) Conservation principles and ethics. Each oral exam will be administered by three senate faculty members associated with the program.	Gain knowledge of advanced topics in the field of Conservation of Material Culture.	Oral Examination
College - Social Sciences	Conservation of Archaeological & Ethnographic Materials	CAEM-MATCUL-D3	Conservation of Material Culture (Doctorate)	Conservation of Material Culture	Doctorate	The qualifying examination consists of one-three hour written exam from the research thrust/cluster area coursework.	Gain knowledge of advanced topics in the field of Conservation of Material Culture.	Written Examination
College - Social Sciences	Conservation of Archaeological & Ethnographic Materials	CAEM-MATCUL-D4	Conservation of Material Culture (Doctorate)	Conservation of Material Culture	Doctorate	The oral qualifying examination requires a presentation of the student's proposed dissertation research. The proposal includes information about the background and significance of the area of research, the specific aims to be addressed and experiments proposed (if applicable). The proposal is presented orally to the committee, and the committee questions the candidate on the proposal, general knowledge of the subject area, and dissertation research progress. The proposal represents independent work and offers the doctoral committee the opportunity to judge the student's ability to think creatively and to formulate significant ideas for research.	Gain knowledge of advanced topics in the field of Conservation of Material Culture; perform original, independent research	Oral Examination
College - Social Sciences	Conservation of Archaeological & Ethnographic Materials	CAEM-MATCUL-D5	Conservation of Material Culture (Doctorate)	Conservation of Material Culture	Doctorate	Final oral examination/viva voce make take place only after all other degree requirements have been met. In this exam, the student demonstrates to her or his committee satisfactory command of all aspects of the work presented and other related subjects, if applicable.	Gain knowledge of advanced topics in the field of Conservation of Material Culture; perform original, independent research	Oral Examination
College - Social Sciences	Conservation of Archaeological & Ethnographic Materials	CAEM-MATCUL-D6	Conservation of Material Culture (Doctorate)	Conservation of Material Culture	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Social Sciences	Conservation of Archaeological & Ethnographic Materials	CAEM-MATCUL-D7	Conservation of Material Culture (Doctorate)	Conservation of Material Culture	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation

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College - Social Sciences	Economics	ECON-D1	Economics (Doctorate)	Economics	Doctorate	The Ph.D. Program in Economics at UCLA prepares students for careers as economists in academic, business, and government. The program combines rigorous work in economic theory and careful study of real-world problems and institutions. Students who complete our Ph.D. program should have an ability to think critically and systematically about various economic problems and policies, and have mastered theoretical and quantitative methods to conduct original research regarding such problems in their specialized fields and beyond.	Application of theory to real-world problems and institutions; critical thinking about economics problems and policies; mastery of theoretical and quantitative methods to conduct original research.	Written Examination; Review of Paper; Oral Examination; Review of Dissertation Proposal; Review of Dissertation
College - Social Sciences	Economics	ECON-D1	Economics (Doctorate)	Economics	Doctorate	All Ph.D. qualifying examinations are intended to determine competency in the overall field.	Gain knowledge of advanced topics in the field of Economics	Written Examination
College - Social Sciences	Economics	ECON-D3	Economics (Doctorate)	Economics	Doctorate	A written paper must be completed by the end of the student's second year. This paper is to be read and evaluated by a member of the department faculty, who must certify in writing that it satisfied this requirement. This paper could be based on or be an extension of an optional or	Perform original, independent research	Review of Paper
College - Social Sciences	Economics	ECON-D2	Economics (Doctorate)	Economics	Doctorate	The examination focuses on, but is not be limited to, the dissertation proposal.	Gain knowledge of advanced topics in the field of Economics; perform original, independent research	Oral Examination
College - Social Sciences	Economics	ECON-D3	Economics (Doctorate)	Economics	Doctorate	The examination focuses on, but is not be limited to, the dissertation proposal.	Perform original, independent research	Review of Dissertation Proposal
College - Social Sciences	Economics	ECON-D4	Economics (Doctorate)	Economics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Social Sciences	Economics	ECON-D4	Economics (Doctorate)	Economics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Gain knowledge of advanced topics in the field of Economics; perform original, independent research	Review of Dissertation
College - Social Sciences	Gender Studies	GENDER-D1	Gender Studies (Doctorate)	Gender Studies	Doctorate	Two written qualifying examinations are required: (1) A first-year examination covering general knowledge and current debates in the field of gender studies. A depth examination covering the student's area of specialization.	Gain knowledge of advanced topics in the field of Gender Studies	Written Examination
College - Social Sciences	Gender Studies	GENDER-D2	Gender Studies (Doctorate)	Gender Studies	Doctorate	The University Oral Qualifying Examination is required after completion of the written qualifying examinations, completion of a dissertation proposal, and appointment of a doctoral committee.	Gain knowledge of advanced topics in the field of Gender Studies; perform original, independent research	Oral Examination
College - Social Sciences	Gender Studies	GENDER-D3	Gender Studies (Doctorate)	Gender Studies	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Social Sciences	Gender Studies	GENDER-D3	Gender Studies (Doctorate)	Gender Studies	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Gain knowledge of advanced topics in the field of Gender Studies; perform original, independent research	Review of Dissertation
College - Social Sciences	Geography	GEOG-D1	Geography (Doctorate)	Geography	Doctorate	The goal of the written examinations is to ensure that students develop a command of literature in two subdisciplines or fields of geography and that they are adequately prepared to carry out their dissertation research. Command of that literature is demonstrated through the completion of	Gain knowledge of advanced topics in the field of Geography	Written Examination
College - Social Sciences	Geography	GEOG-D2	Geography (Doctorate)	Geography	Doctorate	The University Oral Qualifying Examination is conducted by the appointed doctoral committee and focuses on the dissertation proposal.	Gain knowledge of advanced topics in the field of Geography; perform original, independent research	Oral Examination

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School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
College - Social Sciences	Geography	GEOG-D3	Geography (Doctorate)	Geography	Doctorate	Preparation of the dissertation proposal follows successful completion of the written qualifying examination. The dissertation proposal must specify: the research question, describing in some detail the problem to be studied, its scientific background, an outline of the	Perform original, independent research	Review of Dissertation Proposal
College - Social Sciences	Geography	GEOG-D4	Geography (Doctorate)	Geography	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Social Sciences	Geography	GEOG-D4	Geography (Doctorate)	Geography	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Social Sciences	Geography	GEOG-D5	Geography (Doctorate)	Geography	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Geography; perform original, independent research	Oral Examination
College - Social Sciences	History	HIST-D1	History (Doctorate)	History	Doctorate	No oral qualifying examination for the Ph.D. degree may be scheduled until students have passed an examination in at least two foreign languages, except for students in U.S. history, who are required to demonstrate competency in only one foreign language.	Gain knowledge of a foreign language(s)	Various
College - Social Sciences	History	HIST-D2	History (Doctorate)	History	Doctorate	The written qualifying examination must be passed before the oral qualifying examination can be taken. To be eligible to sit for their qualifying examinations, student must have completed all their course work and language requirements.	Gain knowledge of advanced topics in the field of History	Written Examination
College - Social Sciences	History	HIST-D2	History (Doctorate)	History	Doctorate	The written qualifying examination must be passed before the oral qualifying examination can be taken. To be eligible to sit for their qualifying examinations, student must have completed all their course work and language requirements.	Gain knowledge of advanced topics in the field of History; perform original, independent research	Oral Examination
College - Social Sciences	History	HIST-D3	History (Doctorate)	History	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
College - Social Sciences	History	HIST-D4	History (Doctorate)	History	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Social Sciences	Political Science	POLSCI-D1	Political Science (Doctorate)	Political Science	Doctorate	Prior to advancement to candidacy students must fulfill either Requirement A (Foreign Language Requirement) or Requirement B (Research Methodology Requirement):	Attain foreign language skills or research skills	Various
College - Social Sciences	Political Science	POLSCI-D2	Political Science (Doctorate)	Political Science	Doctorate	Preliminary Field Exam. Students must pass a written preliminary exam in their major field by the end of their fifth quarter in the graduate program. If they do not pass the exam, they may have a single opportunity to retake it no later than the end of their sixth quarter in the graduate program.	Gain knowledge of advanced topics in the field of Political Science	Written Examination
College - Social Sciences	Political Science	POLSCI-D3	Political Science (Doctorate)	Political Science	Doctorate	Students may take the University Oral Qualifying Examination after they have completed their courses, exam, and paper requirements and written a dissertation proposal accepted by their research adviser. The examination committee judges the feasibility and worth of the dissertation proposal.	Gain knowledge of advanced topics in the field of Political Science; perform original, independent research	Oral Examination

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College - Social Sciences	Political Science	POLSCI-D4	Political Science (Doctorate)	Political Science	Doctorate	Qualifying Paper Requirement. Students must submit one qualifying paper in order to qualify for advancement to candidacy. This paper is assigned to two or more faculty graders by the Graduate Studies Committee. Papers are evaluated for knowledge of subject, originality of ideas, and craftsman of research.	Perform original, independent research	Review of Paper
College - Social Sciences	Political Science	POLSCI-D5	Political Science (Doctorate)	Political Science	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Social Sciences	Sociology	SOCIOL-D1	Sociology (Doctorate)	Sociology	Doctorate	Field Examinations: The topics addressed are Conversation Analysis, Economic Sociology, Ethnographic Methodology, Ethnomethodology, International Migration, Political Sociology, Race/ Ethnicity, Social Demography, Social Stratification and Social Mobility,	Gain knowledge of advanced topics in the field of Sociology	Written Examination
College - Social Sciences	Sociology	SOCIOL-D2	Sociology (Doctorate)	Sociology	Doctorate	If the performance on the field examinations is satisfactory and the foreign language requirement (if stipulated by the field examination area) has been fulfilled, students may nominate a doctoral committee and proceed to take the University Oral Qualifying Examination.	Gain knowledge of advanced topics in the field of Sociology; perform original, independent research	Oral Examination
College - Social Sciences	Sociology	SOCIOL-D3	Sociology (Doctorate)	Sociology	Doctorate	A dissertation proposal approved by the committee must be filed with the department reasonably soon after the oral qualifying examination. In the event of a major revision in the topic or methodology of the dissertation, a revised prospectus approved by the committee is required	Perform original, independent research	Review of Dissertation Proposal
College - Social Sciences	Sociology	SOCIOL-D4	Sociology (Doctorate)	Sociology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
College - Social Sciences	Sociology	SOCIOL-D4	Sociology (Doctorate)	Sociology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Gain knowledge of advanced topics in the field of Sociology; perform original, independent research	Review of Dissertation
Dentistry, School of	Oral Biology	ORLBIO-D1	Oral Biology (Doctorate)	Oral Biology	Doctorate	Participation in teaching activities either by assisting the faculty in a one-quarter oral biology course offered to dental students or in a Teaching Assistantship offered by another department is required.	Gain teaching skills	Various
Dentistry, School of	Oral Biology	ORLBIO-D2	Oral Biology (Doctorate)	Oral Biology	Doctorate	After the completion of the core course requirements, it is expected that students complete the University Oral Qualifying Examination. Briefly this examination includes a written research proposal and its oral defense before the doctoral committee. At the end of the oral defense,	Gain knowledge of advanced topics in the field of Oral Biology; perform original, independent research	Oral Examination
Dentistry, School of	Oral Biology	ORLBIO-D3	Oral Biology (Doctorate)	Oral Biology	Doctorate	Students prepare a 15 to 20 page written research proposal on a topic unrelated to the dissertation research. It may be in the same general area as the student's research interests, for example, molecular pathogenesis, but it must not be closely related to the student's own research, or	Perform original, independent research	Review of Proposal
Dentistry, School of	Oral Biology	ORLBIO-D4	Oral Biology (Doctorate)	Oral Biology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Dentistry, School of	Oral Biology	ORLBIO-D4	Oral Biology (Doctorate)	Oral Biology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Gain knowledge of advanced topics in the field of Oral Biology; perform original, independent research	Review of Dissertation

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Dentistry, School of	Oral Biology	ORLBIO-D5	Oral Biology (Doctorate)	Oral Biology	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Oral Biology; perform original, independent research	Oral Examination
Education & Information Studies, School of	Education	EDUC-D1	Education (Doctorate)	Education	Doctorate	Doctoral Screening Examination. A written examination is taken after completion of appropriate course work determined by the division. This examination is concerned with central topics in the selected division and field of emphasis.	Gain knowledge of advanced topics in the field of Education	Written Examination
Education & Information Studies, School of	Education	EDUC-D2	Education (Doctorate)	Education	Doctorate	Doctoral Written Qualifying Examination. The examination is offered twice yearly, once in Fall Quarter and once in Spring Quarter. The written qualifying examination tests the core knowledge of the division and emphasis the student has selected.	Gain knowledge of advanced topics in the field of Education	Written Examination
Education & Information Studies, School of	Education	EDUC-D3	Education (Doctorate)	Education	Doctorate	University Oral Qualifying Examination. The oral examination is conducted by the student's doctoral committee, which selects topics from both education and the cognate discipline(s) that are related to the student's written research proposal.	Gain knowledge of advanced topics in the field of Education; perform original, independent research	Oral Examination
Education & Information Studies, School of	Education	EDUC-D4	Education (Doctorate)	Education	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Education & Information Studies, School of	Education	EDUC-D5	Education (Doctorate)	Education	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Education & Information Studies, School of	Educational Leadership Program	EDUCLDR-D1	Educational Leadership Program - EDD (Doctorate)	Educational Leadership Program - EDD	Doctorate	Doctoral Screening Examination. All students are required to take a written examination after the completion of appropriate course work determined by the division or the program. This examination is concerned with central topics in the selected division and field of	Gain knowledge of advanced topics in the field of Education	Written Examination
Education & Information Studies, School of	Educational Leadership Program	EDUCLDR-D2	Educational Leadership Program - EDD (Doctorate)	Educational Leadership Program - EDD	Doctorate	Doctoral Written Qualifying Examination. Students are required to take the doctoral written qualifying examination in June of their second year if they have met the following criteria: a B- or better in all required Educational Leadership Program courses; a cumulative GPA of 3.0 or	Gain knowledge of advanced topics in the field of Education	Written Examination
Education & Information Studies, School of	Educational Leadership Program	EDUCLDR-D3	Educational Leadership Program - EDD (Doctorate)	Educational Leadership Program - EDD	Doctorate	University Oral Qualifying Examination. The oral examination is conducted by the student's doctoral committee, which selects topics from education that are related to the student's written dissertation proposal.	Gain knowledge of advanced topics in the field of Education; perform original, independent research	Oral Examination
Education & Information Studies, School of	Educational Leadership Program	EDUCLDR-D4	Educational Leadership Program - EDD (Doctorate)	Educational Leadership Program - EDD	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Education & Information Studies, School of	Educational Leadership Program	EDUCLDR-D5	Educational Leadership Program - EDD (Doctorate)	Educational Leadership Program - EDD	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Education & Information Studies, School of	Information Studies	INFSTD-D1	Information Studies (Doctorate)	Information Studies	Doctorate	Students are required to pass a written qualifying examination on the theory and methodology of information studies.	Gain knowledge of advanced topics in the field of Information Studies	Written Examination
Education & Information Studies, School of	Information Studies	INFSTD-D2	Information Studies (Doctorate)	Information Studies	Doctorate	After passing the written qualifying examination, the student is required to pass the University Oral Qualifying Examination, which is based on the oral defense of the dissertation proposal.	Gain knowledge of advanced topics in the field of Information Studies; perform original, independent research	Oral Examination

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School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
Education & Information Studies, School of	Information Studies	INFSTD-D3	Information Studies (Doctorate)	Information Studies	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Education & Information Studies, School of	Information Studies	INFSTD-D4	Information Studies (Doctorate)	Information Studies	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Education & Information Studies, School of	Information Studies	INFSTD-D5	Information Studies (Doctorate)	Information Studies	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Information Studies; perform original, independent research	Oral Examination
Education & Information Studies, School of	Special Education	SPEDUC-D1	Special Education (Doctorate)	Special Education	Doctorate	Doctoral Screening Examination. A written examination is taken after completion of appropriate course work determined by the division. This examination is concerned with central topics in the selected division and field of emphasis. Questions are comprehensive in nature	Gain knowledge of advanced topics in the field of Special Education	Written Examination
Education & Information Studies, School of	Special Education	SPEDUC-D2	Special Education (Doctorate)	Special Education	Doctorate	Doctoral Written Qualifying Examination. The examination is offered twice yearly, once in Fall Quarter and once in Spring Quarter. The written qualifying examination tests the core knowledge of the division and emphasis the student has selected. The questions on the	Gain knowledge of advanced topics in the field of Special Education	Written Examination
Education & Information Studies, School of	Special Education	SPEDUC-D3	Special Education (Doctorate)	Special Education	Doctorate	University Oral Qualifying Examination. The oral examination is conducted by the student's doctoral committee, which selects topics from both education and the cognate discipline(s) that are related to the student's written research proposal.	Gain knowledge of advanced topics in the field of Special Education; perform original, independent research	Oral Examination
Education & Information Studies, School of	Special Education	SPEDUC-D4	Special Education (Doctorate)	Special Education	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Education & Information Studies, School of	Special Education	SPEDUC-D5	Special Education (Doctorate)	Special Education	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Engineering & Applied Science, Henry Samueli School of	Bioengineering	BIOENGR-D1	Bioengineering (Doctorate)	Bioengineering	Doctorate	A minimum of one quarter of teaching experience is required.	Gain teaching skills	Various
Engineering & Applied Science, Henry Samueli School of	Bioengineering	BIOENGR-D2	Bioengineering (Doctorate)	Bioengineering	Doctorate	The Ph.D. Preliminary Examination tests a core body of knowledge. The requirements for fulfilling the preliminary examination requirement varies for each field. Specific details about the preliminary examination in each field are available from the graduate adviser.	Gain knowledge of advanced topics in the field of Bioengineering	Written Examination
Engineering & Applied Science, Henry Samueli School of	Bioengineering	BIOENGR-D3	Bioengineering (Doctorate)	Bioengineering	Doctorate	Within three quarters after passing the Ph.D. Preliminary Examination described above, students are strongly encouraged to take the University Oral Qualifying Examination. The nature and content of the examination are at the discretion of the doctoral committee, but ordinarily include	Gain knowledge of advanced topics in the field of Bioengineering; perform original, independent research	Oral Examination
Engineering & Applied Science, Henry Samueli School of	Bioengineering	BIOENGR-D4	Bioengineering (Doctorate)	Bioengineering	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation

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School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
Engineering & Applied Science, Henry Samueli School of	Bioengineering	BIOENGR-D5	Bioengineering (Doctorate)	Bioengineering	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Engineering & Applied Science, Henry Samueli School of	Bioengineering	BIOENGR-D6	Bioengineering (Doctorate)	Bioengineering	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Bioengineering; perform original, independent research	Oral Examination
Engineering & Applied Science, Henry Samueli School of	Chemical & Biomolecular Engineering	CHENGR-D1	Chemical Engineering (Doctorate)	Chemical Engineering	Doctorate	At least three quarters of teaching experience are highly recommended. During the quarters when they serve as teaching assistants, students are required to enroll in Chemical Engineering 375. Chemical Engineering 495A and 495B are highly recommended for all new teaching	Gain teaching skills	Various
Engineering & Applied Science, Henry Samueli School of	Chemical & Biomolecular Engineering	CHENGR-D2	Chemical Engineering (Doctorate)	Chemical Engineering	Doctorate	Students are required to pass the Preliminary Written Examination (PWE) to demonstrate their proficiency in at least Three of the Five Core Areas selected as the following: Transport Phenomena - (Mandatory for all students), Students must choose Thermodynamics or	Gain knowledge of advanced topics in the field of Chemical Engineering	Written Examination
Engineering & Applied Science, Henry Samueli School of	Chemical & Biomolecular Engineering	CHENGR-D3	Chemical Engineering (Doctorate)	Chemical Engineering	Doctorate	After completion of the required courses for the degree and passing the PWE, each student must pass the written and oral qualifying examinations. These examinations focus on the student's dissertation research and are conducted by a doctoral committee consisting of at	Gain knowledge of advanced topics in the field of Chemical Engineering	Written Examination
Engineering & Applied Science, Henry Samueli School of	Chemical & Biomolecular Engineering	CHENGR-D3	Chemical Engineering (Doctorate)	Chemical Engineering	Doctorate	After completion of the required courses for the degree and passing the PWE, each student must pass the written and oral qualifying examinations. These examinations focus on the student's dissertation research and are conducted by a doctoral committee consisting of at	Gain knowledge of advanced topics in the field of Chemical Engineering; perform original, independent research	Oral Examination
Engineering & Applied Science, Henry Samueli School of	Chemical & Biomolecular Engineering	CHENGR-D4	Chemical Engineering (Doctorate)	Chemical Engineering	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Engineering & Applied Science, Henry Samueli School of	Chemical & Biomolecular Engineering	CHENGR-D5	Chemical Engineering (Doctorate)	Chemical Engineering	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Engineering & Applied Science, Henry Samueli School of	Chemical & Biomolecular Engineering	CHENGR-D6	Chemical Engineering (Doctorate)	Chemical Engineering	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Chemical Engineering; perform original, independent research	Oral Examination
Engineering & Applied Science, Henry Samueli School of	Civil & Environmental Engineering	CEEN-D1	Civil Engineering (Doctorate)	Civil Engineering	Doctorate	After mastering the body of knowledge defined in the major field, the student takes a written preliminary examination in the major field. This preliminary examination should be completed within the first two years of full-time enrollment in the Ph.D. program.	Gain knowledge of advanced topics in the field of Civil Engineering	Written Examination
Engineering & Applied Science, Henry Samueli School of	Civil & Environmental Engineering	CEEN-D2	Civil Engineering (Doctorate)	Civil Engineering	Doctorate	After passing the preliminary examination and substantially completing all minor field course work, the student is eligible to take the University Oral Qualifying Examination. The nature and content of the examination are at the discretion of the doctoral committee but ordinarily include a	Gain knowledge of advanced topics in the field of Civil Engineering; perform original, independent research	Oral Examination
Engineering & Applied Science, Henry Samueli School of	Civil & Environmental Engineering	CEEN-D3	Civil Engineering (Doctorate)	Civil Engineering	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation

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Engineering & Applied Science, Henry Samueli School of	Civil & Environmental Engineering	CEEN-D4	Civil Engineering (Doctorate)	Civil Engineering	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Engineering & Applied Science, Henry Samueli School of	Civil & Environmental Engineering	CEEN-D5	Civil Engineering (Doctorate)	Civil Engineering	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Civil Engineering; perform original, independent research	Oral Examination
Engineering & Applied Science, Henry Samueli School of	Computer Science	COMSCI-D1	Computer Science (Doctorate)	Computer Science	Doctorate	At least one quarter of satisfactory performance as a teaching assistant, or equivalent teaching experience, is required.	Gain teaching skills	Various
Engineering & Applied Science, Henry Samueli School of	Computer Science	COMSCI-D2	Computer Science (Doctorate)	Computer Science	Doctorate	The written qualifying examination consists of a high-quality paper, solely authored by the student. This paper can be a research paper containing an original contribution, or a focused critical survey paper. The paper should demonstrate that the student understands and can integrate and communicate ideas clearly and concisely.	Gain knowledge of advanced topics in the field of Computer Science	Review of Paper
Engineering & Applied Science, Henry Samueli School of	Computer Science	COMSCI-D3	Computer Science (Doctorate)	Computer Science	Doctorate	After passing the preliminary examination, the breadth requirements, and course work for the major and minor fields, the student should form a doctoral committee and prepare to take the University Oral Qualifying Examination.	Gain knowledge of advanced topics in the field of Computer Science; perform original, independent research	Oral Examination
Engineering & Applied Science, Henry Samueli School of	Computer Science	COMSCI-D4	Computer Science (Doctorate)	Computer Science	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Engineering & Applied Science, Henry Samueli School of	Computer Science	COMSCI-D5	Computer Science (Doctorate)	Computer Science	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Engineering & Applied Science, Henry Samueli School of	Electrical & Computer Engineering	ECENGR-D1	Electrical & Computer Engineering (Doctorate)	Electrical & Computer Engineering	Doctorate	The written qualifying examination is known as the Ph.D. preliminary examination in the school. The purpose of the examination is to assess the student's competency in the discipline, knowledge of the fundamentals, and potential for independent research.	Gain knowledge of advanced topics in the field of Electrical & Computer Engineering	Written Examination
Engineering & Applied Science, Henry Samueli School of	Electrical & Computer Engineering	ECENGR-D2	Electrical & Computer Engineering (Doctorate)	Electrical & Computer Engineering	Doctorate	Students are required to take the University Oral Qualifying Examination when all courses have been completed and within one year after the Ph.D. Preliminary Examination is passed.	Gain knowledge of advanced topics in the field of Electrical and Computer Engineering; perform original, independent research	Oral Examination
Engineering & Applied Science, Henry Samueli School of	Electrical & Computer Engineering	ECENGR-D3	Electrical & Computer Engineering (Doctorate)	Electrical & Computer Engineering	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Engineering & Applied Science, Henry Samueli School of	Electrical & Computer Engineering	ECENGR-D4	Electrical & Computer Engineering (Doctorate)	Electrical & Computer Engineering	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Engineering & Applied Science, Henry Samueli School of	Electrical & Computer Engineering	ECENGR-D5	Electrical & Computer Engineering (Doctorate)	Electrical & Computer Engineering	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Electrical & Computer Engineering; perform original, independent research	Oral Examination

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School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
Engineering & Applied Science, Henry Samueli School of	Materials Science & Engineering	MATSCI-D1	Materials Science & Engineering (Doctorate)	Materials Science & Engineering	Doctorate	Oral Preliminary Examination: During the first four quarters of full-time enrollment the Ph.D. graduate program, students must take the Oral Preliminary Examination. This examination is based on topics in six areas: Diffusion and Phase Transformation; Electronic Properties;	Gain knowledge of advanced topics in the field of Materials Science and Engineering	Oral Examination
Engineering & Applied Science, Henry Samueli School of	Materials Science & Engineering	MATSCI-D2	Materials Science & Engineering (Doctorate)	Materials Science & Engineering	Doctorate	Oral Qualifying Examination: The University Oral Qualifying Examination is taken after passing the Preliminary Oral Examination, after enrollment in four quarters of academic registration, and after completion of the course requirements. The nature and content of	Gain knowledge of advanced topics in the field of Materials Science and Engineering; perform original, independent research	Oral Examination
Engineering & Applied Science, Henry Samueli School of	Materials Science & Engineering	MATSCI-D3	Materials Science & Engineering (Doctorate)	Materials Science & Engineering	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Engineering & Applied Science, Henry Samueli School of	Materials Science & Engineering	MATSCI-D4	Materials Science & Engineering (Doctorate)	Materials Science & Engineering	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Engineering & Applied Science, Henry Samueli School of	Materials Science & Engineering	MATSCI-D5	Materials Science & Engineering (Doctorate)	Materials Science & Engineering	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Materials Science & Engineering; perform original, independent research	Oral Examination
Engineering & Applied Science, Henry Samueli School of	Mechanical & Aerospace Engineering	AEROEN-D1	Aerospace Engineering (Doctorate)	Aerospace Engineering	Doctorate	After mastering the body of knowledge defined in the major field, the student takes a written qualifying (preliminary) examination covering this knowledge. The student must have been formally admitted to the Ph.D. program or admitted subject to completing the M.S. degree by the end	Gain knowledge of advanced topics in the field of Aerospace Engineering	Written Examination
Engineering & Applied Science, Henry Samueli School of	Mechanical & Aerospace Engineering	AEROEN-D4	Aerospace Engineering (Doctorate)	Aerospace Engineering	Doctorate	After passing the written qualifying examination, the student must take the University Oral Qualifying Examination within four calendar years from the time of admission to the Ph.D. program.	Gain knowledge of advanced topics in the field of Aerospace Engineering; perform original, independent research	Oral Examination
Engineering & Applied Science, Henry Samueli School of	Mechanical & Aerospace Engineering	AEROEN-D2	Aerospace Engineering (Doctorate)	Aerospace Engineering	Doctorate	The program of study for the Ph.D. degree requires the student to perform original research leading to a doctoral dissertation and to master a body of knowledge that encompasses material from the student's major field and breadth material from outside the major field.	Perform original, independent research	Review of Dissertation
Engineering & Applied Science, Henry Samueli School of	Mechanical & Aerospace Engineering	AEROEN-D3	Aerospace Engineering (Doctorate)	Aerospace Engineering	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Engineering & Applied Science, Henry Samueli School of	Mechanical & Aerospace Engineering	MECHEN-D1	Mechanical Engineering (Doctorate)	Mechanical Engineering	Doctorate	After mastering the body of knowledge defined in the major field, the student takes a written qualifying (preliminary) examination covering this knowledge. The student must have been formally admitted to the Ph.D. program or admitted subject to completing the M.S. degree by the end	Gain knowledge of advanced topics in the field of Mechanical Engineering	Written Examination
Engineering & Applied Science, Henry Samueli School of	Mechanical & Aerospace Engineering	MECHEN-D2	Mechanical Engineering (Doctorate)	Mechanical Engineering	Doctorate	After passing the written qualifying examination, the student must take the University Oral Qualifying Examination within four calendar years from the time of admission to the Ph.D. program. The nature and content of the University Oral Qualifying Examination are at the	Gain knowledge of advanced topics in the field of Mechanical Engineering; perform original, independent research	Oral Examination
Engineering & Applied Science, Henry Samueli School of	Mechanical & Aerospace Engineering	MECHEN-D3	Mechanical Engineering (Doctorate)	Mechanical Engineering	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation

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School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
Engineering & Applied Science, Henry Samueli School of	Mechanical & Aerospace Engineering	MECHEN-D4	Mechanical Engineering (Doctorate)	Mechanical Engineering	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Institute of the Environment & Sustainability	Environment & Sustainability	ENVIRON-D1	Environment & Sustainability (Doctorate)	Environment and Sustainability	Doctorate	After mastering the body of knowledge defined in the major field, the student takes a written preliminary examination in the major field.	Gain knowledge of advanced topics in the field of Environment and Sustainability	Written Examination
Institute of the Environment & Sustainability	Environment & Sustainability	ENVIRON-D2	Environment & Sustainability (Doctorate)	Environment and Sustainability	Doctorate	After passing the preliminary examination and substantially completing all minor field course work, the student is eligible to take the University Oral Qualifying Examination. The oral exam will be based upon a presentation of a dissertation prospectus also submitted in written form.	Gain knowledge of advanced topics in the field of Environment and Sustainability; perform original, independent research	Oral Examination
Institute of the Environment & Sustainability	Environment & Sustainability	ENVIRON-D3	Environment & Sustainability (Doctorate)	Environment and Sustainability	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Institute of the Environment & Sustainability	Environment & Sustainability	ENVIRON-D4	Environment & Sustainability (Doctorate)	Environment and Sustainability	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Institute of the Environment & Sustainability	Environment & Sustainability	ENVIRON-D5	Environment & Sustainability (Doctorate)	Environment and Sustainability	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Environment and Sustainability; perform original, independent research	Oral Examination
Institute of the Environment & Sustainability	Environmental Science & Engineering	ENVSCIEN-D1	Environmental Science & Engineering - DEnv (Doctorate)	Environmental Science & Engineering - DEnv	Doctorate	A two-tiered examination sequence, consisting of written and oral examinations, is required for advancement to candidacy to the D.Env. degree. The examinations must be successfully completed before the residency can begin.	Gain knowledge of advanced topics in the field of Environmental Science and Engineering related disciplines; perform original, independent research	Oral Examination
Institute of the Environment & Sustainability	Environmental Science & Engineering	ENVSCIEN-D1	Environmental Science & Engineering - DEnv (Doctorate)	Environmental Science & Engineering - DEnv	Doctorate	A two-tiered examination sequence, consisting of written and oral examinations, is required for advancement to candidacy to the D.Env. degree. The examinations must be successfully completed before the residency can begin.	Gain knowledge of advanced topics in the field of Environmental Science and Engineering related disciplines	Written Examination
Institute of the Environment & Sustainability	Environmental Science & Engineering	ENVSCIEN-D5	Environmental Science & Engineering - DEnv (Doctorate)	Environmental Science & Engineering - DEnv	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Environmental Science & Engineering; perform original, independent research	Oral Examination
Institute of the Environment & Sustainability	Environmental Science & Engineering	ENVSCIEN-D2	Environmental Science & Engineering - DEnv (Doctorate)	Environmental Science & Engineering - DEnv	Doctorate	After advancement to candidacy, students begin a residency in their field of interest at an outside institution. Arrangements for the residency are the students' responsibility but program faculty will assist.	Gain knowledge and skills from a field experience	Various
Institute of the Environment & Sustainability	Environmental Science & Engineering	ENVSCIEN-D3	Environmental Science & Engineering - DEnv (Doctorate)	Environmental Science & Engineering - DEnv	Doctorate	After advancement to candidacy, typically in the first year of the residency, the candidate is required to present a written prospectus of the dissertation and defend it before the doctoral committee.	Perform original, independent research	Review of Dissertation Prospectus
Institute of the Environment & Sustainability	Environmental Science & Engineering	ENVSCIEN-D4	Environmental Science & Engineering - DEnv (Doctorate)	Environmental Science & Engineering - DEnv	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Institute of the Environment & Sustainability	Environmental Science & Engineering	ENVSCIEN-D4	Environmental Science & Engineering - DEnv (Doctorate)	Environmental Science & Engineering - DEnv	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation

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Medicine, David Geffen School of	Biomathematics	BIOMATH-D1	Biomathematics (Doctorate)	Biomathematics	Doctorate	One teaching preceptorship (Biomathematics 596) is required. Students participate fully in the planning and delivery of a significant portion of one course in Biomathematics or a related subject.	Gain teaching skills	Various
Medicine, David Geffen School of	Biomathematics	BIOMATH-D2	Biomathematics (Doctorate)	Biomathematics	Doctorate	In the summer, the department offers written qualifying (comprehensive) examinations to test competence in the core methodology of biomathematics. Full-time students must take these examinations by the end of two academic years of study and part-time students by	Gain knowledge of advanced topics in the field of Biomathematics; perform original, independent research	Written Examination
Medicine, David Geffen School of	Biomathematics	BIOMATH-D3	Biomathematics (Doctorate)	Biomathematics	Doctorate	In order to better integrate course work and dissertation research, students can take their University Oral Qualifying Examination after the completion of six Biomathematics, four Mathematics and four Biology courses (or their equivalents taken elsewhere as approved by the	Gain knowledge of advanced topics in the field of Biomathematics; perform original, independent research	Oral Examination
Medicine, David Geffen School of	Biomathematics	BIOMATH-D4	Biomathematics (Doctorate)	Biomathematics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Medicine, David Geffen School of	Biomathematics	BIOMATH-D5	Biomathematics (Doctorate)	Biomathematics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Medicine, David Geffen School of	Biomathematics	BIOMATH-D6	Biomathematics (Doctorate)	Biomathematics	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Biomathematics; perform original, independent research	Oral Examination
Medicine, David Geffen School of	Human Genetics	HUMGEN-D1	Human Genetics (Doctorate)	Human Genetics	Doctorate	Students teach for two quarters as a teaching assistant in a department of the College of Letters and Science. The teaching is to be performed preferably in years two and three.	Gain teaching skills	Various
Medicine, David Geffen School of	Human Genetics	HUMGEN-D2	Human Genetics (Doctorate)	Human Genetics	Doctorate	Based on learning objectives/competencies developed for the Human Genetics PhD program	Becoming a scientist: Demonstrate integrity, creativity, critical thinking, perseverance, motivation, and determination to work hard.	Various
Medicine, David Geffen School of	Human Genetics	HUMGEN-D2	Human Genetics (Doctorate)	Human Genetics	Doctorate	Based on learning objectives/competencies developed for the Human Genetics PhD program	Oral communication skills: Demonstrate effective and appropriate oral communications skills needed for scientific presentation of the data, including content, organization, logical flow, and presentation of the data.	Oral Examination
Medicine, David Geffen School of	Human Genetics	HUMGEN-D2	Human Genetics (Doctorate)	Human Genetics	Doctorate	Based on learning objectives/competencies developed for the Human Genetics PhD program	Written communication skills: Demonstrate effective and appropriate written communications skills needed for scientific presentation of the data, including grammar, vocabulary, presentation of tables and figures, and proper citations.	Written Examination; Review of Dissertation

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School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
Medicine, David Geffen School of	Human Genetics	HUMGEN-D2	Human Genetics (Doctorate)	Human Genetics	Doctorate	Based on learning objectives/competencies developed for the Human Genetics PhD program	Experimental/Computational design and problem solving skills: Demonstrate the achievement of an appropriate level of competence in the ability to design, revise, create, and implement experimental protocols and computational programs.	Review of Dissertation
Medicine, David Geffen School of	Human Genetics	HUMGEN-D2	Human Genetics (Doctorate)	Human Genetics	Doctorate	Based on learning objectives/competencies developed for the Human Genetics PhD program	Learn the following key topics in genetics and genomics: 1) Transfer of biological information in a living organism; 2) How genotype affects phenotype (subsuming environment); 3) Genetic variation in population; 4) Principles of research in genetics and genomics. Learn the central themes in genetics and genomics: 1) Evolution of thought in genetics and genomics history; 2) How genetic informs disease, and vice versa; 3) Genomics and integrating current tools into genomics research (statistical analysis, big data, and bioinformatics); 4) Analysis in genetics and genomics.	Oral Examination; Written Examination
Medicine, David Geffen School of	Human Genetics	HUMGEN-D2	Human Genetics (Doctorate)	Human Genetics	Doctorate	The Departmental Written Qualifying Examination takes place during early stages of the student's dissertation research project, preferably during the second year, and must be passed by the end of the fourth year in order to avoid a recommendation for termination from the	Gain knowledge of advanced topics in the field of Human Genetics	Written Examination
Medicine, David Geffen School of	Human Genetics	HUMGEN-D3	Human Genetics (Doctorate)	Human Genetics	Doctorate	The University Oral Qualifying Examination should take place before the end of the fourth year in the graduate program, preferably one year earlier. The goal of this examination is to evaluate the dissertation research project, i.e., whether it represents original, independent	Demonstrate advanced knowledge in core knowledge areas of the dissertation project research; perform original, independent research	Oral Examination
Medicine, David Geffen School of	Human Genetics	HUMGEN-D4	Human Genetics (Doctorate)	Human Genetics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Medicine, David Geffen School of	Human Genetics	HUMGEN-D5	Human Genetics (Doctorate)	Human Genetics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Medicine, David Geffen School of	Human Genetics	HUMGEN-D6	Human Genetics (Doctorate)	Human Genetics	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Human Genetics; perform original, independent research	Oral Examination
Medicine, David Geffen School of	Molecular & Medical Pharmacology	MPHARM-D1	Molecular & Medical Pharmacology (Doctorate)	Molecular & Medical Pharmacology	Doctorate	Seminar presentations to department faculty and students are required of all students in the graduate program at least once a year. One quarter as a teaching assistant is required.	Gain teaching skills	Various

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School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
Medicine, David Geffen School of	Molecular & Medical Pharmacology	MPHARM-D2	Molecular & Medical Pharmacology (Doctorate)	Molecular & Medical Pharmacology	Doctorate	By December 1st of the third year, students are required to take and pass a written qualifying examination and the University Oral Qualifying Examination in order to advance to doctoral candidacy. The examinations test for a rational, analytical approach to problem solving	Gain knowledge of advanced topics in the field of Molecular and Medical Pharmacology	Written Examination
Medicine, David Geffen School of	Molecular & Medical Pharmacology	MPHARM-D2	Molecular & Medical Pharmacology (Doctorate)	Molecular & Medical Pharmacology	Doctorate	By December 1st of the third year, students are required to take and pass a written qualifying examination and the University Oral Qualifying Examination in order to advance to doctoral candidacy. The examinations test for a rational, analytical approach to problem solving	Gain knowledge of advanced topics in the field of Molecular and Medical Pharmacology; perform original, independent research	Oral Examination
Medicine, David Geffen School of	Molecular & Medical Pharmacology	MPHARM-D3	Molecular & Medical Pharmacology (Doctorate)	Molecular & Medical Pharmacology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Medicine, David Geffen School of	Molecular & Medical Pharmacology	MPHARM-D4	Molecular & Medical Pharmacology (Doctorate)	Molecular & Medical Pharmacology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Medicine, David Geffen School of	Neuroscience	NEUROSC-D1	Neuroscience (Doctorate)	Neuroscience	Doctorate	One quarter of teaching experience is required. Students who enter the program through the MSTP and STAR Programs may teach but teaching is not a degree requirement.	Gain teaching skills	Various
Medicine, David Geffen School of	Neuroscience	NEUROSC-D2	Neuroscience (Doctorate)	Neuroscience	Doctorate	A written qualifying examination is required following completion of the core requirements, generally before the second year. The objective of this examination is to test the ability to relate knowledge in different neuroscience areas, to locate and interpret literature, and to apply research	Gain knowledge of advanced topics in the field of Neuroscience	Written Examination
Medicine, David Geffen School of	Neuroscience	NEUROSC-D3	Neuroscience (Doctorate)	Neuroscience	Doctorate	The Oral Qualifying Examination should be completed no later than the end of the third year. For the examination, students are expected to write a research proposal and orally present the outline of the proposal to their doctoral committee. This presentation usually takes between one	Gain knowledge of advanced topics in the field of Neuroscience; perform original, independent research	Oral Examination
Medicine, David Geffen School of	Neuroscience	NEUROSC-D3	Neuroscience (Doctorate)	Neuroscience	Doctorate	The Oral Qualifying Examination should be completed no later than the end of the third year. For the examination, students are expected to write a research proposal and orally present the outline of the proposal to their doctoral committee. This presentation usually takes between one	Gain knowledge of advanced topics in the field of Neuroscience; perform original, independent research	Review of Proposal
Medicine, David Geffen School of	Neuroscience	NEUROSC-D5	Neuroscience (Doctorate)	Neuroscience	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Medicine, David Geffen School of	Neuroscience	NEUROSC-D6	Neuroscience (Doctorate)	Neuroscience	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Medicine, David Geffen School of	Neuroscience	NEUROSC-D7	Neuroscience (Doctorate)	Neuroscience	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Neuroscience; perform original, independent research	Oral Examination
Medicine, David Geffen School of	Pathology & Laboratory Medicine	CMPATH-D1	Cellular & Molecular Pathology (Doctorate)	Cellular and Molecular Pathology	Doctorate	Two quarters of successful teaching are required for non-STAR and non-MSTP students.	Gain teaching skills	Various
Medicine, David Geffen School of	Pathology & Laboratory Medicine	CMPATH-D2	Cellular & Molecular Pathology (Doctorate)	Cellular and Molecular Pathology	Doctorate	The written qualifying examination consists of the submission of a written proposal in the form of a National Institute of Health (NIH) grant. This proposal may be on a topic related or unrelated to the general interest of the laboratory. In the former, the proposal must be different from	Gain knowledge of advanced topics in the field of Cellular and Molecular Pathology; perform original, independent research	Oral Examination

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Medicine, David Geffen School of	Pathology & Laboratory Medicine	CMPATH-D2	Cellular & Molecular Pathology (Doctorate)	Cellular and Molecular Pathology	Doctorate	The written qualifying examination consists of the submission of a written proposal in the form of a National Institute of Health (NIH) grant. This proposal may be on a topic related or unrelated to the general interest of the laboratory. In the former, the proposal must be different from	Gain knowledge of advanced topics in the field of Cellular and Molecular Pathology	Written Examination
Medicine, David Geffen School of	Pathology & Laboratory Medicine	CMPATH-D3	Cellular & Molecular Pathology (Doctorate)	Cellular and Molecular Pathology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Medicine, David Geffen School of	Pathology & Laboratory Medicine	CMPATH-D4	Cellular & Molecular Pathology (Doctorate)	Cellular and Molecular Pathology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Medicine, David Geffen School of	Pathology & Laboratory Medicine	CMPATH-D5	Cellular & Molecular Pathology (Doctorate)	Cellular and Molecular Pathology	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Cellular and Molecular Pathology; perform original, independent research	Oral Examination
Medicine, David Geffen School of	Physics & Biology in Medicine	PBMED-01	Physics & Biology in Medicine (Doctorate)	Physics & Biology in Medicine	Doctorate	Written Qualifying Examination. The written examination consists of the submission of a written research proposal to an ad hoc committee consisting of more than two faculty members within the specialty area. The research proposal must be written according to the NIH grant	Gain knowledge of advanced topics in the field of Physics & Biology in Medicine	Written Examination
Medicine, David Geffen School of	Physics & Biology in Medicine	PBMED-02	Physics & Biology in Medicine (Doctorate)	Physics & Biology in Medicine	Doctorate	Oral Qualifying Examination: Once the written qualifying examination is passed and students have chosen a research area for the dissertation, within a reasonable time frame agreed on with the dissertation adviser, they form a doctoral committee and schedule the University	Gain knowledge of advanced topics in the field of Physics and Biology in Medicine; perform original, independent research	Oral Examination
Medicine, David Geffen School of	Physics & Biology in Medicine	PBMED-03	Physics & Biology in Medicine (Doctorate)	Physics & Biology in Medicine	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study. Doctoral Dissertation Manuscript: The	Perform original, independent research	Review of Dissertation
Medicine, David Geffen School of	Physics & Biology in Medicine	PBMED-04	Physics & Biology in Medicine (Doctorate)	Physics & Biology in Medicine	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study. Doctoral Dissertation Manuscript: The	Write a substantial scholarly work	Review of Dissertation
Medicine, David Geffen School of	Physics & Biology in Medicine	PBMED-05	Physics & Biology in Medicine (Doctorate)	Physics & Biology in Medicine	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Physics & Biology in Medicine; perform original, independent research	Oral Examination
Music, Herb Alpert School of	Ethnomusicology	ETHNMUS-D1	Ethnomusicology (Doctorate)	Ethnomusicology	Doctorate	A reading knowledge of one language other than English relevant to the student's research is required.	Reading fluency in a foreign language	Various
Music, Herb Alpert School of	Ethnomusicology	ETHNMUS-D2	Ethnomusicology (Doctorate)	Ethnomusicology	Doctorate	The doctoral examinations consist of four written qualifying examinations, a detailed dissertation proposal, and the University Oral Qualifying Examination.	Gain knowledge of advanced topics in the field of Ethnomusicology	Written Examination
Music, Herb Alpert School of	Ethnomusicology	ETHNMUS-D3	Ethnomusicology (Doctorate)	Ethnomusicology	Doctorate	The doctoral examinations consist of four written qualifying examinations, a detailed dissertation proposal, and the University Oral Qualifying Examination.	Gain knowledge of advanced topics in the field of Ethnomusicology; perform original, independent research	Oral Examination
Music, Herb Alpert School of	Ethnomusicology	ETHNMUS-D3	Ethnomusicology (Doctorate)	Ethnomusicology	Doctorate	The doctoral examinations consist of four written qualifying examinations, a detailed dissertation proposal, and the University Oral Qualifying Examination.	Perform original, independent research	Review of Dissertation Proposal

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School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
Music, Herb Alpert School of	Ethnomusicology	ETHNMUS-D4	Ethnomusicology (Doctorate)	Ethnomusicology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Music, Herb Alpert School of	Ethnomusicology	ETHNMUS-D5	Ethnomusicology (Doctorate)	Ethnomusicology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Music, Herb Alpert School of	Ethnomusicology	ETHNMUS-D6	Ethnomusicology (Doctorate)	Ethnomusicology	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Ethnomusicology; perform original, independent research	Oral Examination
Music, Herb Alpert School of	Music	MUSC-D1	Music (Doctorate)	Music	Doctorate	A reading knowledge of two foreign languages is required. Students must select from German, French, Italian, Latin, Russian, or Spanish. Students whose native language is not English may use English or their native language as one of the foreign languages; the other language	Proficiency in two foreign languages to attain reading competency	Various
Music, Herb Alpert School of	Music	MUSC-D2	Music (Doctorate)	Music	Doctorate	Written examinations ordinarily are taken in the first two weeks of winter quarter. The first departmental oral examination ordinarily is taken in the sixth or seventh week of winter quarter. Both examinations are scheduled in consultation with the guidance committee and with the Student	Gain knowledge of advanced topics in the field of Music; perform original, independent research	Written Examination
Music, Herb Alpert School of	Music	MUSC-D2	Music (Doctorate)	Music	Doctorate	Written examinations ordinarily are taken in the first two weeks of winter quarter. The first departmental oral examination ordinarily is taken in the sixth or seventh week of winter quarter. Both examinations are scheduled in consultation with the guidance committee and with the Student	Gain knowledge of advanced topics in the field of Music; perform original, independent research	Oral Examination
Music, Herb Alpert School of	Music	MUSC-D3	Music (Doctorate)	Music	Doctorate	Upon successful completion of the written examinations, a departmental oral qualifying examination is scheduled. The oral examination consists of two parts: (1) defense of the written examinations before the guidance committee (listed above); and (2) a presentation of analyses of	Gain knowledge of advanced topics in the field of Music; perform original, independent research	Oral Examination
Music, Herb Alpert School of	Music	MUSC-D4	Music (Doctorate)	Music	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research/composition	Review of Dissertation
Music, Herb Alpert School of	Music	MUSC-D5	Music (Doctorate)	Music	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Music, Herb Alpert School of	Music	MUSC-D6	Music (Doctorate)	Music	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Music; perform original, independent research/composition	Oral Examination

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School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
Music, Herb Alpert School of	Music	MUSC-DMA-D1	Music-DMA (Doctorate)	Music-DMA	Doctorate	Foreign Language Requirement: A reading knowledge of one foreign language from German, French, Italian, or Spanish is required. Students may fulfill this requirement by passing a departmental examination. This requirement may also be satisfied by completing three quarters of UCLA foreign language instruction in the same language or the 1G language study course with a grade of B (3.0) or better or by passing the UCLA Foreign Language Department Placement Test in one of those languages, placing into level four or higher. Students specializing in repertoire where another language is vital may petition to use another language. This requirement must be completed by the end of the student's second year of residency. Students in voice, collaborative piano, and choral conducting must demonstrate reading proficiency in a second language by one of the means listed above.	Attain foreign language skills	Various
Music, Herb Alpert School of	Music	MUSC-DMA-D2	Music-DMA (Doctorate)	Music-DMA	Doctorate	Doctoral Dissertation: Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Music, Herb Alpert School of	Music	MUSC-DMA-D2	Music-DMA (Doctorate)	Music-DMA	Doctorate	Doctoral Dissertation: Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Music, Herb Alpert School of	Music	MUSC-DMA-D3	Music-DMA (Doctorate)	Music-DMA	Doctorate	Final Oral Examination (Defense of Dissertation): Required for all students in the program.	Gain knowledge of advanced topics in the field of Music; perform original, independent research	Oral Examination
Music, Herb Alpert School of	Musicology	MUSCLG-D1	Musicology (Doctorate)	Musicology	Doctorate	Students are normally required to master a language other than English as part of their doctoral studies. Students are informed of the language requirement upon admission to the program, and should designate their language as soon as they know their areas of specialization	Mastery of a foreign language	Various
Music, Herb Alpert School of	Musicology	MUSCLG-D2	Musicology (Doctorate)	Musicology	Doctorate	Soon after completion of the doctoral course work, normally at the end of the third year, students take the Special Field Examination, which includes both written and oral components. By this time, the student must have decided upon an area of specialization and secured the	Gain knowledge of advanced topics in the field of Musicology; perform original, independent research	Oral Examination
Music, Herb Alpert School of	Musicology	MUSCLG-D2	Musicology (Doctorate)	Musicology	Doctorate	Soon after completion of the doctoral course work, normally at the end of the third year, students take the Special Field Examination, which includes both written and oral components. By this time, the student must have decided upon an area of specialization and secured the	Gain knowledge of advanced topics in the field of Musicology	Written Examination
Music, Herb Alpert School of	Musicology	MUSCLG-D3	Musicology (Doctorate)	Musicology	Doctorate	The University Oral Qualifying Examination is a defense of the dissertation prospectus. All other requirements, including language proficiency, must be satisfied before this examination can be scheduled.	Gain knowledge of advanced topics in the field of Musicology; perform original, independent research	Oral Examination
Music, Herb Alpert School of	Musicology	MUSCLG-D4	Musicology (Doctorate)	Musicology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Music, Herb Alpert School of	Musicology	MUSCLG-D5	Musicology (Doctorate)	Musicology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Music, Herb Alpert School of	Musicology	MUSCLG-D6	Musicology (Doctorate)	Musicology	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Musicology; perform original, independent research	Oral Examination

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Nursing, School of	Nursing	NURSING-D1	Nursing (Doctorate)	Nursing	Doctorate	The written qualifying examination is usually taken after completion of the following courses: Nursing 202, 205A, 207, 206A, 206B, 210A, 210B, 295A, 299A, Biostatistics 100B. The examination is submitted in July.	Gain ability to synthesize knowledge of advanced topics in the field of Nursing	Written Examination
Nursing, School of	Nursing	NURSING-D2	Nursing (Doctorate)	Nursing	Doctorate	Oral Qualifying Examination. The University Oral Qualifying Examination, taken after completing the course requirements and successfully passing the written qualifying examination, evaluates students' dissertation proposals.	Gain knowledge of advanced topics in the field of Nursing; write and defend an original, independent research proposal	Oral Examination
Nursing, School of	Nursing	NURSING-D3	Nursing (Doctorate)	Nursing	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Nursing, School of	Nursing	NURSING-D4	Nursing (Doctorate)	Nursing	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Nursing, School of	Nursing	NURSING-D5	Nursing (Doctorate)	Nursing	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Nursing; perform original, independent research	Oral Examination
Nursing, School of	Nursing	NURSPRAC-01	Nursing Practice - DNP (Doctorate)	Nursing Practice - DNP	Doctorate	Field Experience: Students are required to complete 60 hours as part of their Education Practicum for the DNP in Nursing 496A and 496B. Field Experience: In Nursing 496A, students will identify a patient need in a specific population and develop an educational presentation aimed towards patients. In Nursing 496B, students will identify a staff need in a specific population and develop an educational presentation aimed towards institutional staff.	From a field experience, gain knowledge and skills regarding development and implementation of population-based and evidence-based educational nursing interventions aimed at both patients and institutional staff	Various
Nursing, School of	Nursing	NURSPRAC-02	Nursing Practice - DNP (Doctorate)	Nursing Practice - DNP	Doctorate	Doctor of Nursing Practice Scholarly Project: A DNP Scholarly Project is required for this professional degree program. Students will complete a DNP Residency, DNP Scholarly Proposal, and implementation of this project will take place at the appropriate institution. The DNP Scholarly Project will require students to demonstrate a synthesis of evidence-based practice in a practice area specific to the student's specialty. The DNP Scholarly Project requires a synthesis of leadership, policy, quality, management, and clinical learning experience. Each student will collaborate with an agency (ideally their current clinical setting) to address a real-world problem or health issue. The DNP Scholarly Project reflects doctoral preparation in the translation of research and science to improve patient or population outcomes. Evaluation of the effectiveness of the DNP Scholarly Project takes place in the final quarter of study and is presented to the student's committee in the form of a final oral examination/defense.	Perform original, independent research	Review of Project
Nursing, School of	Nursing	NURSPRAC-03	Nursing Practice - DNP (Doctorate)	Nursing Practice - DNP	Doctorate	Final Oral Examination (DNP Scholarly Project Presentation): A final oral defense of the project is required of all DNP students. The entire committee must be in attendance and each member must record a decision of "passed" or "not passed". A student is not considered to have passed the final oral examination with more than one "not passed" vote, regardless of the size of the committee. The final oral defense will follow the guidelines as stated in the Standards and Procedures for Graduate Study at UCLA.	Perform original, independent research	Oral Examination

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Public Affairs, Luskin School of	Social Welfare	SOCWLF-D1	Social Welfare (Doctorate)	Social Welfare	Doctorate	The first year qualifying examination in social welfare is given at the end of the third quarter of the first year and is designed to evaluate mastery of first year course content social science and research methods. This examination is evaluated by at least two faculty members.	Demonstrate mastery of first year curricular concepts	Examination
Public Affairs, Luskin School of	Social Welfare		Social Welfare (Doctorate)	Social Welfare	Doctorate	The written exam consists of a full length peer-reviewed publication that demonstrates mastery of an empirical project, including a literature review, data analysis, reporting results in a substantive area of social welfare. The first draft is due by the spring of the third program year	Demonstrate mastery of empirical research and writing	Review of Paper
Public Affairs, Luskin School of	Social Welfare	SOCWLF-D2	Social Welfare (Doctorate)	Social Welfare	Doctorate	Students must complete the required University Oral Qualifying Examination, which covers the dissertation proposal and related areas. It is administered by a doctoral committee requested by the student and approved by UCLA Graduate Division.	Gain knowledge of advanced topics in the field of Social Welfare; perform original, independent research	Oral Examination
Public Affairs, Luskin School of	Social Welfare	SOCWLF-D3	Social Welfare (Doctorate)	Social Welfare	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Public Affairs, Luskin School of	Social Welfare	SOCWLF-D4	Social Welfare (Doctorate)	Social Welfare	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Public Affairs, Luskin School of	Urban Planning	URBNPL-D1	Urban Planning (Doctorate)	Urban Planning	Doctorate	Major Field Examination (program requirement). Urban Planning students are required to take a written and oral Major Field examination prior to advancing to doctoral candidacy. These exams are administered by an advisory committee; the two advisers assigned at the time of	Gain knowledge of advanced topics in the field of Urban Planning	Written Examination
Public Affairs, Luskin School of	Urban Planning	URBNPL-D1	Urban Planning (Doctorate)	Urban Planning	Doctorate	Major Field Examination (program requirement). Urban Planning students are required to take a written and oral Major Field examination prior to advancing to doctoral candidacy. These exams are administered by an advisory committee; the two advisers assigned at the time of	Gain knowledge of advanced topics in the field of Urban Planning	Oral Examination
Public Affairs, Luskin School of	Urban Planning	URBNPL-D2	Urban Planning (Doctorate)	Urban Planning	Doctorate	Ph.D. Oral Qualifying Examination (university requirement). After successful completion of the required course work and the major field examinations, students may nominate their doctoral committee. The doctoral committee administers the University Oral Qualifying Examination. At	Gain knowledge of advanced topics in the field of Urban Planning; perform original, independent research	Oral Examination
Public Affairs, Luskin School of	Urban Planning	URBNPL-D3	Urban Planning (Doctorate)	Urban Planning	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Public Affairs, Luskin School of	Urban Planning	URBNPL-D4	Urban Planning (Doctorate)	Urban Planning	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Public Health, Fielding School of	Biostatistics	BIOSTAT-D1	Biostatistics (Doctorate)	Biostatistics	Doctorate	Teaching experience is recommended but not required.	Gain teaching skills	Various
Public Health, Fielding School of	Biostatistics	BIOSTAT-D2	Biostatistics (Doctorate)	Biostatistics	Doctorate	Before advancement to candidacy, students must pass 2 written examinations (Ph.D. Preliminary Examination and Ph.D. Advanced Qualifying Examination) and the University Oral Qualifying Examination.	Gain knowledge of advanced topics in the field of Biostatistics	Written Examination
Public Health, Fielding School of	Biostatistics	BIOSTAT-D2	Biostatistics (Doctorate)	Biostatistics	Doctorate	Before advancement to candidacy, students must pass 2 written examinations (Ph.D. Preliminary Examination and Ph.D. Advanced Qualifying Examination) and the University Oral Qualifying Examination.	Gain knowledge of advanced topics in the field of Biostatistics; perform original, independent research	Oral Examination

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Public Health, Fielding School of	Biostatistics	BIOSTAT-D3	Biostatistics (Doctorate)	Biostatistics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Public Health, Fielding School of	Biostatistics	BIOSTAT-D4	Biostatistics (Doctorate)	Biostatistics	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Public Health, Fielding School of	Biostatistics	BIOSTAT-D5	Biostatistics (Doctorate)	Biostatistics	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Biostatistics; perform original, independent research	Oral Examination
Public Health, Fielding School of	Community Health Sciences		Community Health Sciences (Doctorate)	Community Health Sciences	Doctorate		Locate, identify, critically evaluate, and synthesize social, behavioral, and public health research literature.	Review of Proposal/Dissertation
Public Health, Fielding School of	Community Health Sciences		Community Health Sciences (Doctorate)	Community Health Sciences	Doctorate	Based on learning objectives/competencies developed for the Community Health Science PhD program	Explain, critique, synthesize, and elaborate major social, behavioral, and public health theories about the social determinants of health and health behavior and apply these theories to an area of research.	Review of course materials (CHS 270A & 270B); Review of Proposal/Dissertation
Public Health, Fielding School of	Community Health Sciences		Community Health Sciences (Doctorate)	Community Health Sciences	Doctorate	Based on learning objectives/competencies developed for the Community Health Science PhD program	Review and critique in-depth both foundational and cutting-edge work in the student's specific research area, and identify avenues for new research and/or theoretical development.	Review of Proposal
Public Health, Fielding School of	Community Health Sciences		Community Health Sciences (Doctorate)	Community Health Sciences	Doctorate	Based on learning objectives/competencies developed for the Community Health Science PhD program	Demonstrate expertise in advanced research methods (including research design and implementation, data analysis, and statistics) in the social and behavioral sciences and apply these methods to conduct hypothesis-testing and/or hypothesis-generating research in the student's own area of research.	Review of course materials (CHS 219); Review of Proposal/Dissertation
Public Health, Fielding School of	Community Health Sciences		Community Health Sciences (Doctorate)	Community Health Sciences	Doctorate	Based on learning objectives/competencies developed for the Community Health Science PhD program	Formulate a research question on an important public health topic, design a rigorous and original empirical study to answer it, conduct that study, interpret the results, and draw conclusions.	Review of course materials (CHS 219); Review of Proposal/Dissertation
Public Health, Fielding School of	Community Health Sciences		Community Health Sciences (Doctorate)	Community Health Sciences	Doctorate	Based on learning objectives/competencies developed for the Community Health Science PhD program	Design and implement research that is responsive to potential concerns about research, research methods, and public health issues among diverse social groups, including cultural, racial/ethnic, national origin, linguistic, gender, sexual orientation, and community groups.	Review of course materials (CHS 286); Review of Proposal/Dissertation

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Public Health, Fielding School of	Community Health Sciences		Community Health Sciences (Doctorate)	Community Health Sciences	Doctorate	Based on learning objectives/competencies developed for the Community Health Science PhD program	Be prepared to teach a course in public health, including: develop a teaching philosophy and apply it to the originating of a syllabus and course materials, incorporate core competencies, and identify pedagogical tools for communicating information and ideas to students.	Review of course materials (CHS 286)
Public Health, Fielding School of	Community Health Sciences		Community Health Sciences (Doctorate)	Community Health Sciences	Doctorate	Based on learning objectives/competencies developed for the Community Health Science PhD program	Disseminate research findings, including: prepare a scientific article suitable for a refereed journal based on an original research project, submit the article for publication, respond to critiques of journal reviewers, and take appropriate action in response to a rejection.	Review of course materials (CHS 225 & 286)
Public Health, Fielding School of	Community Health Sciences		Community Health Sciences (Doctorate)	Community Health Sciences	Doctorate	Based on learning objectives/competencies developed for the Community Health Science PhD program	Make comprehensible and articulate presentations at national and international professional conferences and to lay audiences.	Review of course materials (CHS 286)
Public Health, Fielding School of	Community Health Sciences		Community Health Sciences (Doctorate)	Community Health Sciences	Doctorate	Based on learning objectives/competencies developed for the Community Health Science PhD program	Explain the principles of research ethics and apply these principles to specific research projects, and be able to identify and resolve the specific ethical considerations likely to arise in particular research designs in the student's own area of research.	Review of course materials (CHS 286); Review of Proposal/Dissertation
Public Health, Fielding School of	Environmental Health Sciences	ENVHLT-D1	Environmental Health Sciences (Doctorate)	Environmental Health Sciences	Doctorate	Before advancement to candidacy, students must complete the courses required for the doctoral degree (see Course Requirements). Students must also pass a written examination in the area of specialization and the University Oral Qualifying Examination.	Gain knowledge of advanced topics in the field of Environmental Health Sciences	Written Examination
Public Health, Fielding School of	Environmental Health Sciences	ENVHLT-D1	Environmental Health Sciences (Doctorate)	Environmental Health Sciences	Doctorate	Before advancement to candidacy, students must complete the courses required for the doctoral degree (see Course Requirements). Students must also pass a written examination in the area of specialization and the University Oral Qualifying Examination.	Gain knowledge of advanced topics in the field of Environmental Health Sciences	Oral Examination
Public Health, Fielding School of	Environmental Health Sciences	ENVHLT-D2	Environmental Health Sciences (Doctorate)	Environmental Health Sciences	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Public Health, Fielding School of	Environmental Health Sciences	ENVHLT-D3	Environmental Health Sciences (Doctorate)	Environmental Health Sciences	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Public Health, Fielding School of	Environmental Health Sciences	ENVHLT-D4	Environmental Health Sciences (Doctorate)	Environmental Health Sciences	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Environmental Health Sciences; perform original, independent research	Oral Examination

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School or College Division	Department	Sort order	Program (Degree)	Program	Degree	Program Requirement Text (Excerpt)	Proposed Learning Objective	Assessment Mechanism
Public Health, Fielding School of	Epidemiology	EPIDEM-D1	Epidemiology (Doctorate)	Epidemiology	Doctorate	Before advancement to candidacy, students must pass the departmental written doctoral examination and the University Oral Qualifying Examination.	Gain knowledge of advanced topics in the field of Epidemiology	Written Examination
Public Health, Fielding School of	Epidemiology	EPIDEM-D1	Epidemiology (Doctorate)	Epidemiology	Doctorate	Before advancement to candidacy, students must pass the departmental written doctoral examination and the University Oral Qualifying Examination.	Gain knowledge of advanced topics in the field of Epidemiology	Oral Examination
Public Health, Fielding School of	Epidemiology	EPIDEM-D2	Epidemiology (Doctorate)	Epidemiology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Public Health, Fielding School of	Epidemiology	EPIDEM-D3	Epidemiology (Doctorate)	Epidemiology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Public Health, Fielding School of	Epidemiology	EPIDEM-D4	Epidemiology (Doctorate)	Epidemiology	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Epidemiology; perform original, independent research	Oral Examination
Public Health, Fielding School of	Health Policy & Management	HLTPOL-D1	Health Policy & Management (Doctorate)	Health Policy & Management	Doctorate	Before advancement to candidacy, students must pass a written departmental and pass an oral qualifying examination conducted by the student's doctoral committee.	Gain knowledge of advanced topics in the field of Health Policy and Management	Written Examination
Public Health, Fielding School of	Health Policy & Management	HLTPOL-D1	Health Policy & Management (Doctorate)	Health Policy & Management	Doctorate	Before advancement to candidacy, students must pass a written departmental and pass an oral qualifying examination conducted by the student's doctoral committee.	Gain knowledge of advanced topics in the field of Health Policy and Management; perform original, independent research	Oral Examination
Public Health, Fielding School of	Health Policy & Management	HLTPOL-D2	Health Policy & Management (Doctorate)	Health Policy & Management	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Public Health, Fielding School of	Health Policy & Management	HLTPOL-D3	Health Policy & Management (Doctorate)	Health Policy & Management	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Public Health, Fielding School of	Health Policy & Management	HLTPOL-D4	Health Policy & Management (Doctorate)	Health Policy & Management	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Health Policy & Management; perform original, independent research	Oral Examination
Public Health, Fielding School of	Molecular Toxicology	MOLTOX-D1	Molecular Toxicology (Doctorate)	Molecular Toxicology	Doctorate	All students obtain instruction in teaching skills by serving as teaching assistants or readers for one quarter, typically during their second or third year. Exceptions to the timing of teaching are considered by the program's Steering Committee.	Gain teaching skills	Various
Public Health, Fielding School of	Molecular Toxicology	MOLTOX-D2	Molecular Toxicology (Doctorate)	Molecular Toxicology	Doctorate	Written Qualifying Examination: The format for the written qualifying examination consists of a research proposal on a topic that is approved by members of the doctoral committee. The doctoral committee consists of four faculty members, including the student's adviser	Gain knowledge of advanced topics in the field of Molecular Toxicology	Written Examination
Public Health, Fielding School of	Molecular Toxicology	MOLTOX-D3	Molecular Toxicology (Doctorate)	Molecular Toxicology	Doctorate	The University Oral Qualifying Examination is organized to question the candidate regarding the written proposal, and also to query the candidate in a more general way regarding scientific topics that should be common knowledge to a doctoral-level toxicologist.	Gain knowledge of advanced topics in the field of Molecular Toxicology; perform original, independent research	Oral Examination

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Public Health, Fielding School of	Molecular Toxicology	MOLTOX-D4	Molecular Toxicology (Doctorate)	Molecular Toxicology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Public Health, Fielding School of	Molecular Toxicology	MOLTOX-D5	Molecular Toxicology (Doctorate)	Molecular Toxicology	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Public Health, Fielding School of	Molecular Toxicology	MOLTOX-D6	Molecular Toxicology (Doctorate)	Molecular Toxicology	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Molecular Toxicology; perform original, independent research	Oral Examination
Public Health, Fielding School of	Public Health	PUBHLT-D1	Public Health - DPH (Doctorate)	Public Health - DPH	Doctorate	Before advancement to candidacy, students must pass written examinations in the major prepared and administered by the guidance committee or by the faculty of the department. Normally no more than one reexamination after failure is allowed. The doctoral committee is nominated after	Gain knowledge of advanced topics in the field of Public Health	Written Examination
Public Health, Fielding School of	Public Health	PUBHLT-D1	Public Health - DPH (Doctorate)	Public Health - DPH	Doctorate	Before advancement to candidacy, students must pass written examinations in the major prepared and administered by the guidance committee or by the faculty of the department. Normally no more than one reexamination after failure is allowed. The doctoral committee is nominated after	Gain knowledge of advanced topics in the field of Public Health; perform original, independent research	Oral Examination
Public Health, Fielding School of	Public Health	PUBHLT-D2	Public Health - DPH (Doctorate)	Public Health - DPH	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Public Health, Fielding School of	Public Health	PUBHLT-D3	Public Health - DPH (Doctorate)	Public Health - DPH	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Public Health, Fielding School of	Public Health	PUBHLT-D4	Public Health - DPH (Doctorate)	Public Health - DPH	Doctorate	Final Oral Examination (Defense of Dissertation)	Gain knowledge of advanced topics in the field of Public Health; perform original, independent research	Oral Examination
Theater, Film & Television, School of	Film, Television, & Digital Media	FILMTV-D1	Film & Television (Doctorate)	Film & Television	Doctorate	Mastery of one foreign language is required and must be demonstrated in one of the following ways: (1) completing proficiency (i.e., level 3 course equivalency), with a minimum grade of C, in any foreign language; (2) passing a UCLA Foreign Language Department Placement Test at The Department Chair retains the right to require mastery of a foreign language when a doctoral committee determines that mastery level is necessary for a student's dissertation study.	Gain knowledge of a foreign language	Various
Theater, Film & Television, School of	Film, Television, & Digital Media	FILMTV-D2	Film & Television (Doctorate)	Film & Television	Doctorate	Students who serve as teaching assistants or associates must complete Film and Television 496. Teaching assignments vary by student's specific area of study and availability of positions.	Gain teaching skills	Various
Theater, Film & Television, School of	Film, Television, & Digital Media	FILMTV-D3	Film & Television (Doctorate)	Film & Television	Doctorate	After completion of all language and course requirements, students are eligible to take the Ph.D. written qualifying examination, which must be passed in order to proceed to the oral qualifying examination. After the student passes the written examination, a doctoral committee	Gain knowledge of advanced topics in the field of Film and Television	Written Examination
Theater, Film & Television, School of	Film, Television, & Digital Media	FILMTV-D3	Film & Television (Doctorate)	Film & Television	Doctorate	After completion of all language and course requirements, students are eligible to take the Ph.D. written qualifying examination, which must be passed in order to proceed to the oral qualifying examination. After the student passes the written examination, a doctoral committee	Gain knowledge of advanced topics in the field of Film and Television; perform original, independent research	Oral Examination

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Theater, Film & Television, School of	Film, Television, & Digital Media	FILMTV-D4	Film & Television (Doctorate)	Film & Television	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Theater, Film & Television, School of	Film, Television, & Digital Media	FILMTV-D5	Film & Television (Doctorate)	Film & Television	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation
Theater, Film & Television, School of	Theater	THEATER-D1	Theater & Performance Studies (Doctorate)	Theater and Performance Studies	Doctorate	First-Year Examination A screening examination is administered during the winter quarter based on the course work the student will already have completed. Results of this examination may require the completion of background courses or result in inability to continue	Gain knowledge of advanced topics in the field of Theater and Performance Studies	Written Examination
Theater, Film & Television, School of	Theater	THEATER-D2	Theater & Performance Studies (Doctorate)	Theater and Performance Studies	Doctorate	The written examinations concentrate on three subject areas that will inform the dissertation and constitute the main foci of the student's specialization. These areas may be chosen from: a field of critical theory; a historical period; the performance of a genre, or of social or	Gain knowledge of advanced topics in the field of Theater and Performance Studies	Written Examination
Theater, Film & Television, School of	Theater	THEATER-D3	Theater & Performance Studies (Doctorate)	Theater and Performance Studies	Doctorate	Upon approval by the Graduate Division, the University Oral Qualifying Examination is officially scheduled. This examination focuses on both the written examination and the materials in the prospectus. If the student fails the doctoral examinations, there is one opportunity to retake them.	Gain knowledge of advanced topics in the field of Theater and Performance Studies; perform original, independent research	Oral Examination
Theater, Film & Television, School of	Theater	THEATER-D4	Theater & Performance Studies (Doctorate)	Theater and Performance Studies	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Perform original, independent research	Review of Dissertation
Theater, Film & Television, School of	Theater	THEATER-D5	Theater & Performance Studies (Doctorate)	Theater and Performance Studies	Doctorate	Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.	Write a substantial scholarly work	Review of Dissertation