

Pre-Approved Electives (Semester Version): Masters of Landscape Architecture, Cal Poly Pomona

INTRODUCTION – IMPORTANT, READ HERE FIRST:

Listed are the Pre-Approved Electives at Cal Poly Pomona for the Masters of Landscape Architecture (MLA) program. Be noted that while the list is pre-approved by the MLA program, courses listed are not guaranteed enrollment and will be pending permission of the courses' home department. Please refer to the MLA curricula for the number of electives needed for your specific track. Electives enable students to explore a variety of topics or specialize in areas relevant to the field of landscape architecture. As a rule, with few exceptions on the list, electives are 4000-level or higher. Prerequisites or approval of instructor is required for many of these courses. Talk to the instructor about waving prerequisites if you feel adequately prepared to take a course without having met the prerequisites. The list is subject to final approval by the instructors or corresponding administrators in each department. Some Landscape Architecture courses can be used for elective credit only when they have not been used to fulfill other program requirements. For courses not listed below, in order to receive credit, students must get approval in writing from the Department of Landscape Architecture Chair or the Graduate Coordinator before taking the course. A maximum of 9 elective units earned post-baccalaureate but never been used for previous degree can be transferred in from other institutions if taken within the previous seven years. Courses must be equivalent to 4000-level, upper division or higher. A petition is required to transfer credit. Final interpretation on the list and how they can be used to claim elective credit belongs to the MLA program's graduate study/curricula committee.

Architecture:

ARC 4130 - China Study Abroad Seminar 1 (3)

Prerequisite(s): ARC Undergraduate Standing; ARC 303 or [ARC 3020](#); and ARC 303L or [ARC 3021L](#).

ARC 4140 - China Study Abroad Seminar 2 (3)

Prerequisite(s): ARC Undergraduate Standing; ARC 303 or [ARC 3020](#); and ARC 303L or [ARC 3021L](#).

ARC 4150 - Topics in Urban Form of the Americas (3)

Prerequisite(s): ARC Graduate Standing, Junior Standing, or Senior Standing.

ARC 4160 - Drawing as Theory (2)

Prerequisite(s): ARC Graduate Standing, Junior Standing, or Senior Standing.

ARC 4162A - Drawing as Theory Activity (1)

Prerequisite(s): ARC Graduate Standing, Junior Standing, or Senior Standing.

Corequisite(s): [ARC 4160](#).

ARC 4180 - Architecture and Urbanism (3)

Prerequisite(s): ARC graduate standing, junior standing, or senior standing.

ARC 4190 - Urbanism and Film (3)

Prerequisite(s): ARC Graduate Standing, Junior Standing, or Senior Standing.

ARC 4310 - Sustainable Technology (3)

Prerequisite(s): ARC Graduate Standing, Junior Standing, or Senior Standing; ARC 331 or [ARC 3310](#); and ARC 331A or [ARC 3312](#).

ARC 4340 - Tools for Sustainability (3)

Prerequisite(s): ARC Graduate Standing, Junior Standing, or Senior Standing; ARC 331 or [ARC 3310](#); and ARC 331A or [ARC 3312](#).

ARC 4360 - Advanced Sustainable Design (3)

Prerequisite(s): ARC Graduate Standing, Junior Standing, or Senior Standing; ARC 331 or [ARC 3310](#), and ARC 331A or [ARC 3312](#).

ARC 4400 - Design Development (1)

Prerequisite(s): ARC undergraduate standing, and ARC 302 or [ARC 3011L](#).

Corequisite(s): [ARC 4402A](#).

ARC 4402A - Design Development Activity (2)

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Prerequisite(s): ARC Undergraduate Standing. ARC 342 or [ARC 3420](#), ARC 342A or [ARC 3422](#), and ARC 303L or [ARC 3021L](#).

Corequisite(s): [ARC 4400](#).

ARC 4500A - Advanced Digital Design Activity (3)

Prerequisite(s): ARC Graduate standing; OR ARC Undergraduate standing, ARC 253 or [ARC 2500A](#), and ARC 303L or [ARC 3021L](#).

ARC 4510A - Advanced Digital Modeling Activity (3)

Prerequisite(s): ARC Graduate Standing, Advanced Standing, or Permission of Instructor; and [ARC 2500A](#) or ARC 253 or [ARC 5510A](#) or ARC 552.

ARC 4520A - Advanced Digital Design Media Activity (3)

Prerequisite(s): ARC Graduate Standing, Advanced Standing, or Permission of Instructor; and [ARC 2500A](#) or ARC 253 or [ARC 5510A](#) or ARC 552.

ARC 4630 - Interpreting Architecture (3)

Prerequisite(s): Completion of GE area A1, A2 and A3 and completion of GE areas C1, C2a and C2b.

ARC 4640 - American Architecture (2)

Prerequisite(s): ARC Junior Standing or Senior Standing; ARC 362 or [ARC 3620](#), and ARC 362A or [ARC 3622](#).

Corequisite(s): [ARC 4642](#).

ARC 4642 - American Architecture Discussion (1)

Prerequisite(s): ARC Junior Standing or Senior Standing; ARC 362 or [ARC 3620](#), and ARC 362A or [ARC 3622](#).

Corequisite(s): [ARC 4640](#).

ARC 4650 - Contemporary Architecture (3)

Prerequisite(s): ARC Graduate or Advanced Standing; ARC 362 or [ARC 3620](#), and ARC 362A or [ARC 3622](#).

ARC 4670 - California Architecture (3)

Prerequisite(s): ARC Graduate or Advanced Standing; ARC 362 or [ARC 3620](#), and ARC 362A or [ARC 3622](#).

ARC 4690 - Topics in Southern California Architecture (3)

Prerequisite(s): ARC Graduate or Advanced Standing; ARC 362 or [ARC 3620](#), and ARC 362A or [ARC 3622](#).

ARC 4700 - Advanced Preservation Design (3)

Prerequisite(s): ARC Graduate or Advanced Standing; ARC 362 or [ARC 3620](#); and ARC 362A or [ARC 3622](#).

ARC 4740 - Managing a Design Firm (3)

Prerequisite(s): [ARC 4710](#) and [ARC 4712](#) or Instructor Permission.

ARC 4750 - Teaching Practicum (1-3)

Prerequisite(s): ARC Graduate or Advanced Standing; ARC 362 or [ARC 3620](#), and ARC 362A or [ARC 3622](#).

ARC 4790 - Topics in Preservation (3)

Prerequisite(s): ARC Graduate or Advanced Standing; ARC 362 or [ARC 3620](#), and ARC 362A or [ARC 3622](#).

ARC 4800 - Architecture and Historic Preservation (3)

Prerequisite(s): ARC Graduate or Advanced Standing. ARC 362 or [ARC 3620](#), and ARC 362A or [ARC 3622](#).

ARC 4810 - Behavioral Factors in Architecture (3)

Prerequisite(s): ARC Graduate Standing or Advanced Standing, and Instructor Permission.

ARC 4850 - Design Issues in Housing (3)

Prerequisite(s): ARC Graduate Standing or Advanced Standing; and Instructor Permission.

ARC 4870 - Healthcare Architecture, Planning and Design (3)

Prerequisite(s): ARC Graduate Standing or Advanced Standing, and ARC 303L or [ARC 3021L](#).

ARC 4880 - Healthcare Facility Design and Sustainability (3)

Prerequisite(s): ARC Graduate Standing or Advanced Standing, Instructor Permission, and ARC 303L or [ARC 3021L](#).

ARC 5010 - Introduction to Programming and Behavioral Factors (3)

Prerequisite(s): ARC Graduate Standing.

ART:

AH 3335 - Modernism in Visual Art (3)

Prerequisite(s): Junior or senior standing.

AH 3337 - Contemporary Art (3)

Prerequisite(s): Junior or senior standing.

AH 3331 - Art of the United States (3)

Prerequisite(s): Junior or senior standing.

AH 3333 - History of Design (3)

Prerequisite(s): Junior or senior standing.

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Visual Communication Design:

VCD 3321A - Visual Communication Design 2 Activity (3)

Prerequisite(s): C- or better in: [VCD 1311A](#) or ART 140A/141A; [VCD 1312A](#) or ART 242A, 244A, 150A or 253; [VCD 1311A](#) or ART 180A, 190A, 342A or 395A; [VCD 1341A](#) or ART 155A; [VCD 1351A](#); [VCD 2311A](#) or ART 255A/346A; [VCD 2321A](#) or ART 252A; [VCD 2361A](#) or ART 375A; and [VCD 2301A](#) or ART 251A.

VCD 4301 - Workshop: Typography (4)

Prerequisite(s): C- or better in: [VCD 1311A](#) or ART 140A/141A; [VCD 1312A](#) or ART 242A/244A; [VCD 1321A](#) or ART 150A/253A; [VCD 1331A](#) or ART 180A/190A/342A/395A; [VCD 1341A](#) or ART 155A; [VCD 1351A](#); [VCD 2311A](#) or ART 255A/346A; [VCD 2321A](#) or ART 252A; and [VCD 2361A](#) or ART 275A/375A.

VCD 4311 - Workshop: Illustration (4)

Prerequisite(s): C- or better in: [VCD 1311A](#) or ART 140A/141A; [VCD 1312A](#) or ART 242A/244A; [VCD 1321A](#) or ART 150A/253A; [VCD 1331A](#) or ART 180A/190A/342A/395A; [VCD 1341A](#) or ART 155A; [VCD 1351A](#); [VCD 2311A](#) or ART 255A/346A; [VCD 2321A](#) or ART 252A; and [VCD 2361A](#) or ART 275A/375A.

Biology

BIO 4080 - Water Pollution Biology (3)

Prerequisite(s): BIO 123/BIO 123L, [BIO 1220/BIO 1220L](#), BIO 122/BIO 122L/BIO 1220C, BIO 115/BIO 115L/BIO 115A, [BIO 1150/BIO 1150L](#), BIO 110/BIO 111L, or [BIO 1110/BIO 1110L](#).

BIO 4140 - Biology of Species Invasions (2)

Prerequisite(s): BIO 123/BIO 123L, [BIO 1220/BIO 1220L](#), BIO 122/BIO 122L/BIO 1220C, BIO 115/BIO 115L/BIO 115A, [BIO 1150/BIO 1150L](#), BIO 110/BIO 111L, or [BIO 1110/BIO 1110L](#).

BIO 3250 - Principles of Ecology (3)

Prerequisite(s): BIO 123/BIO 123L, [BIO 1220/BIO 1220L](#) or BIO 122/BIO 122L/BIO 1220C.

BIO 3250L - Ecology Laboratory (1)

Prerequisite(s): [BIO 3250](#) or BIO 325; [BIO 2110L](#) or BIO 211L; and BIO 123/BIO 123L, [BIO 1220/BIO 1220L](#), or BIO 122/BIO 122L/BIO 1220C.

BIO 3500 - California Flora (1)

Prerequisite(s): BIO 123/BIO 123L, [BIO 1220/BIO 1220L](#), BIO 122/BIO 122L/BIO 1220C, BIO 115/BIO 115L/BIO 115A or [BIO 1150/BIO 1150L](#).

Corequisite(s): [BIO 3500L](#).

BIO 3500L - California Flora Laboratory (1)

Prerequisite(s): BIO 123/BIO 123L, [BIO 1220/BIO 1220L](#), BIO 122/BIO 122L/BIO 1220C, BIO 115/BIO 115L/BIO 115A or [BIO 1150/BIO 1150L](#).

Corequisite(s): [BIO 3500](#).

BIO 3120 - Biodiversity Conservation (3)

Prerequisite(s): Junior or senior standing; and GE in Areas A1, A2, A3, B1, B2 (in biology), B3, and B4.

BIO 4480 - Plant Physiology (3)

Prerequisite(s): BOT 201/BOT 201L, or [BIO 2050/BIO 2050L](#).

Corequisite(s): [BIO 4480L](#).

BIO 4480L - Plant Physiology Laboratory (1)

Prerequisite(s): BOT 201/BOT 201L, or [BIO 2050/BIO 2050L](#).

Corequisite(s): [BIO 4480](#).

BIO 4560 - Plant Development and Differentiation (3)

Prerequisite(s): BOT 201/BOT 201L, or [BIO 2050/BIO 2050L](#).

Botany

BIO 4480 - Plant Physiology (3)

Prerequisite(s): BOT 201/BOT 201L, or [BIO 2050/BIO 2050L](#).

Corequisite(s): [BIO 4480L](#).

BIO 4480L - Plant Physiology Laboratory (1)

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Prerequisite(s): BOT 201/BOT 201L, or [BIO 2050/BIO 2050L](#).

Corequisite(s): [BIO 4480](#).

BIO 4520 - Evolution of Plants (3)

Prerequisite(s): BOT 201/BOT 201L and BIO 413; or [BIO 2050/BIO 2050L](#) and [BIO 3240](#).

Corequisite(s): [BIO 4520L](#).

BIO 4520L - Evolution of Plants Laboratory (1)

Prerequisite(s): BOT 201/BOT 201L and BIO 413; or [BIO 2050/BIO 2050L](#) and [BIO 3240](#).

Corequisite(s): [BIO 4520](#).

BIO 4530 - Plant Anatomy (2)

Prerequisite(s): BOT 201/BOT 201L or [BIO 2050/BIO 2050L](#).

Corequisite(s): [BIO 4530L](#).

BIO 4530L - Plant Anatomy Laboratory (2)

Prerequisite(s): BOT 201/BOT 201L or [BIO 2050/BIO 2050L](#).

Corequisite(s): [BIO 4530](#).

BIO 4570 - Plants and the Environment (2)

Prerequisite(s): BOT 201, BOT 201L, BIO 211L, BIO 325 and BIO 325L; or [BIO 2050](#), [BIO 2050L](#), [BIO 2110L](#), [BIO 3250](#) and [BIO 3250L](#).

Corequisite(s): [BIO 4570L](#).

BIO 4570L - Plants and the Environment Laboratory (2)

Prerequisite(s): BOT 201/201L BIO 211L and BIO 325/325L, or [BIO 2050/BIO 2050L](#), [BIO 2110L](#) and [BIO 3250/BIO 3250L](#).

Corequisite(s): [BIO 4570](#).

Civil Engineering

CE 4400 - Foundation and Retaining Wall Design (3)

Prerequisite(s): CE 326, [CE 3401](#), or ETC 411; and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): CE 421, [CE 4510](#), or ETC 317.

CE 4510 - Structural Design - Reinforced Concrete (3)

Prerequisite(s): ETC 311, CE 304, or [CE 3501](#); and BSCE, BSCET, BSCEM, or MSCE Major.

CE 4640 - Transportation Planning and Management (3)

Prerequisite(s): CE 223 or [CE 3601](#); CE 223L or [CE 3601L](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4640L](#).

CE 4640L - Transportation Planning and Management Laboratory (1)

Prerequisite(s): CE 223, [CE 3601](#), [CE 3101](#), or ETC 202; CE 223L, [CE 3601L](#), [CE 3101L](#), or ETC 230L; and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4640](#).

CE 4681 - Multimodal Traffic Analysis (3)

Prerequisite(s): CE 223 or [CE 3601](#); and CE 223L or [CE 3601L](#); and BSCE, BSCET, BSCEM, or MSCE Major.

CE 4690 - Traffic Engineering (3)

Prerequisite(s): CE 223 or [CE 3601](#); and CE 223L or [CE 3601L](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4690L](#).

CE 4690L - Traffic Engineering Laboratory (1)

Prerequisite(s): CE 223 or [CE 3601](#); and CE 223L or [CE 3601L](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4690](#).

CE 4811 - Design of Transportation Facilities (3)

Prerequisite(s): CE 223 or [CE 3601](#); CE 223L or [CE 3601L](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4811L](#).

CE 4811L - Design of Transportation Facilities Laboratory (1)

Prerequisite(s): CE 223 or [CE 3601](#); CE 223L or [CE 3601L](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4811](#).

CE 4201 - Water and Wastewater Engineering (3)

Prerequisite(s): CE 332 or [CE 3211](#); CHM 121L or [CHM 1210L](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4201L](#).

CE 4201L - Water and Wastewater Engineering Laboratory (1)

Prerequisite(s): CE 332 or [CE 3211](#); CHM 121L or [CHM 1210L](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4201](#).

CE 4520 - Masonry Design (3)

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Prerequisite(s): ETC 311, CE 304, or [CE 3501](#); and BSCE, BSCET, BSCEM, or MSCE Major.

CE 4211 - Applied Hydrology (3)

Prerequisite(s): CE 332 or [CE 3211](#); and BSCE, BSCET, BSCEM, or MSCE Major.

CE 4220 - Solid and Hazardous Waste Engineering (3)

Prerequisite(s): CE 351L or [CE 3201L](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4220L](#).

CE 4220L - Solid and Hazardous Waste Engineering Laboratory (1)

Prerequisite(s): CE 351L or [CE 3201L](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4220](#).

CE 4321 - Subdivision Engineering and Land Survey Descriptions (3)

Prerequisite(s): C- or better in CE 134 or [CE 1011](#); C- or better in CE 134L or [CE 1011L](#); C- or better in [CE 3211](#), CE 332, ETC 305, or [CE 3140](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4321L](#).

CE 4321L - Subdivision Engineering and Land Survey Descriptions Laboratory (1)

Prerequisite(s): C- or better in CE 134 or [CE 1011](#); C- or better in CE 134L or [CE 1011L](#); C- or better in [CE 3211](#), CE 332, ETC 305, or [CE 3140](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4321](#).

CE 4341 - Satellite Surveying in Engineering (2)

Prerequisite(s): C- or better in CE 134 or [CE 1011](#); C- or better in CE 134L or [CE 1011L](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4341L](#).

CE 4341L - Satellite Surveying in Engineering Laboratory (1)

Prerequisite(s): C- or better in CE 134 or [CE 1011](#); C- or better in CE 134L or [CE 1011L](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4341](#).

CE 4350 - Photogrammetry (2)

Prerequisite(s): C- or better in CE 134 or [CE 1011](#); C- or better in CE 134L or [CE 1011L](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4350L](#).

CE 4350L - Photogrammetry Laboratory (1)

Prerequisite(s): C- or better in CE 134 or [CE 1011](#); C- or better in CE 134L or [CE 1011L](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4350](#).

CE 4571 - Introduction to Earthquake Engineering and Structural Dynamics (3)

Prerequisite(s): CE 305 or [CE 3510](#); and BSCE, BSCET, BSCEM, or MSCE Major.

CE 4580 - Architectural Engineering Interdisciplinary Design -Timber (1)

Prerequisite(s): CE 433 or [CE 4530](#); CE 433L or [CE 4530L](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4580L](#).

CE 4640 - Transportation Planning and Management (3)

Prerequisite(s): CE 223 or [CE 3601](#); CE 223L or [CE 3601L](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4640L](#).

CE 4451 - Pavement Design and Construction (3)

Prerequisite(s): CE 326, [CE 3401](#), or ETC 411; CE 221 or [CE 2030](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Communication

COM 4409 - Negotiation and Conflict Resolution (3)

Prerequisite(s): COM 201 or [COM 2201](#).

Economics

EC 4431 - Public Finance (3)

Prerequisite(s): [EC 2201](#) or EC 201; or Graduate standing.

EC 4432 - Urban Economics (3)

Prerequisite(s): [EC 2201](#) or EC 201; or Graduate standing.

EC 4435 - Environmental Economics (3)

Prerequisite(s): [EC 2201](#), EC 201 or Graduate Standing.

EC 4437 - Natural Resource Economics (3)

Prerequisite(s): [EC 2201](#), EC 201 or Graduate Standing.

EC 4448 - Spatial Econometrics (3)

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Prerequisite(s): [EC 2201](#) or EC 201; and [EC 2202](#) or EC 202; or Graduate Standing.

EC 6630 - Advanced Environmental Economics (3)

Prerequisite(s): [EC 5550](#) or EC 550.

EC 6631 - Advanced Natural Resource Economics (3)

Prerequisite(s): [EC 5550](#) or EC 550.

Educational Leadership

EDD 7000 - Leadership for Learning (3)

Prerequisite(s): Admission to Ed. Leadership Doctoral Program.

EDD 7120 - Creating the Conditions for Student Success (3)

Prerequisite(s): Admission to Ed. Leadership Doctoral Program.

EDD 7140 - Leadership for Equity and Advocacy (3)

Prerequisite(s): Admission to Ed. Leadership Doctoral Program.

Construction Engineering and Management

CE 4130 - Construction Contracts (3)

Prerequisite(s): ETC 305, ETC 304, or [CE 3140](#); and BSCE, BSCET, BSCEM, or MSCE Major.

CE 4140 - Construction Project Management and Accounting (3)

Prerequisite(s): ETC 305, ETC 304, or [CE 3140](#); and BSCE, BSCET, BSCEM, or MSCE Major.

CE 3150 - Construction Equipment and Safety (3)

Prerequisite(s): [CE 3101](#) or ETC 202, [CE 3101L](#) or ETC 230, [CE 1011](#) or CE 134, and [CE 1011L](#) or CE 134L.

CE 4120 - Construction Scheduling (2)

Prerequisite(s): ETC 305, ETC 304, or [CE 3140](#); and BSCE, BSCET, BSCEM, or MSCE Major.

CE 4120L - Construction Scheduling Laboratory (1)

Prerequisite(s): ETC 305, ETC 304, or [CE 3140](#); and BSCE, BSCET, BSCEM, or MSCE Major.

CE 4031 - Sustainable Buildings and Infrastructure (3)

Prerequisite(s): CHM 121 or [CHM 1210](#), CHM 121L or [CHM 1210L](#), CE 301, [CE 2021](#), ETT 305, or [ETM 3051](#); and BSCE, BSCET, BSCEM, or MSCE Major.

CE 4301 - Digital Mapping (2)

Prerequisite(s): C- or better in CE 134 or [CE 1011](#); C- or better in CE 134L or [CE 1011L](#); and BSCE, BSCET, BSCEM, or MSCE Major.

CE 4301L - Digital Mapping Laboratory (1)

Prerequisite(s): C- or better in CE 134 or [CE 1011](#); C- or better in CE 134L or [CE 1011L](#); and BSCE, BSCET, BSCEM, or MSCE Major.

CE 4331 - GIS Applications in Engineering and Remote Sensing (2)

Prerequisite(s): C- or better in CE 134 or [CE 1011](#); C- or better in CE 134L or [CE 1011L](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4331L](#).

CE 4331L - GIS Applications in Engineering and Remote Sensing Laboratory (1)

Prerequisite(s): C- or better in CE 134 or [CE 1011](#); C- or better in CE 134L or [CE 1011L](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4331](#).

CE 4400 - Foundation and Retaining Wall Design (3)

Prerequisite(s): CE 326, [CE 3401](#), or ETC 411; and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): CE 421, [CE 4510](#), or ETC 317.

CE 4451 - Pavement Design and Construction (3)

Prerequisite(s): CE 326, [CE 3401](#), or ETC 411; CE 221 or [CE 2030](#); and BSCE, BSCET, BSCEM, or MSCE Major.

CE 4470 - Slope Stability and Earth Dams (3)

Prerequisite(s): ETC 411, CE 326, or [CE 3401](#); ETC 411L, CE 327L, or [CE 3401L](#); and BSCE, BSCET, BSCEM, or MSCE Major.

CE 4530 - Structural Design - Timber (2)

Prerequisite(s): ETC 311, CE 304, or [CE 3501](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4530L](#).

CE 4530L - Structural Design-Timber Laboratory (1)

Prerequisite(s): ETC 311, CE 304, or [CE 3501](#); and BSCE, BSCET, BSCEM, or MSCE Major.

Corequisite(s): [CE 4530](#).

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Finance, Real Estate and Law

- FRL 4832 - Real Estate Market Analysis (3)
Prerequisite(s): EC 201 or [EC 2201](#), EC 202 or [EC 2202](#), and FRL 306 or [FRL 3062](#).
- FRL 4862 - Real Estate Investment Analysis (3)
Prerequisite(s): FRL 306 or [FRL 3062](#).
- FRL 4872 - Practices and Applications of Real Estate Law (3)
Prerequisite(s): FRL 201 or [FRL 2013](#).
- FRL 4902 - Urban Land Development (3)
Prerequisite(s): FRL 306 or [FRL 3062](#).

Graduate Business Administration

- GBA 5140 - Statistics Essentials for Business Analytics (3)
- GBA 6600 - Legal Environment of Information Systems (3)
- GBA 5640 - Creativity and Entrepreneurship (3)
- GBA 6650 - Professional Presentations Using Technology (3)
- GBA 5700 - Business Planning (3)
- MHR 3020 - Organizational Behavior (3)
Prerequisite(s): Upper division standing, Completion of General Education Area A, and GE Sub-areas D1, D2 and D3.
- GBA 6350 - Motivation and Market Behavior (3)
- GBA 6360 - Project Management (3)
- GBA 5620 - Strategic Human Resources Management (3)

Geography

- GEO 3150 - Urban Geography (3)
Prerequisite(s): GE area A.
- GEO 3220 - GIS Programming and Application (2)
Prerequisite(s): [GEO 2400](#) and [GEO 2400L](#); or instructor consent.
Corequisite(s): [GEO 3220L](#).

- GEO 3220L - GIS Programming and Application Laboratory (1)
Prerequisite(s): [GEO 2400](#) and [GEO 2400L](#); or instructor consent.
- GEO 3510 - Geography of California (3)
Prerequisite(s): Junior standing; GE area A; 2 courses from B1-4; and 2 courses from D1-3.
- GEO 4050 - Geodemographics with GIS Lecture (2)
Prerequisite(s): [GEO 2400](#) and [GEO 2400L](#) or Instructor consent.
- GEO 4050L - Geodemographics with GIS Laboratory (1)
Prerequisite(s): [GEO 2400](#) and [GEO 2400L](#) or Instructor consent.
- GEO 4090 - Applied Cultural Geography (3)
Prerequisite(s): [GEO 1020](#) or Instructor consent.
- GEO 4100 - Remote Sensing of the Environment (2)
Prerequisite(s): [GEO 2400](#) and [GEO 2400L](#) or Instructor consent.
Corequisite(s): [GEO 4100L](#).

- GEO 4100L - Remote Sensing of the Environment Laboratory (1)
Prerequisite(s): [GEO 2400](#) and [GEO 2400L](#).
Corequisite(s): [GEO 4100](#).
- GEO 4130 - Environmental Law (3)
Prerequisite(s): [GEO 1010](#), [GEO 1020](#) or Instructor consent.
- GEO 4350 - Parks and Protected Areas (3)
Prerequisite(s): GE Area A or Instructor consent.
- GEO 4400 - Advanced GIS (2)
Prerequisite(s): [GEO 2400](#) and [GEO 2400L](#) or Instructor consent.
- GEO 4400L - Advanced GIS Laboratory (1)
Prerequisite(s): [GEO 2400](#) and [GEO 2400L](#).
Corequisite(s): [GEO 4400](#).
- GEO 4430 - Quantitative Spatial Analysis (2)
Prerequisite(s): [GEO 2400](#) and [GEO 2400L](#) or Instructor consent.
Corequisite(s): [GEO 4430L](#).
- GEO 4430L - Quantitative Spatial Analysis Laboratory (1)
Prerequisite(s): [GEO 2400](#) and [GEO 2400L](#) or Instructor consent.
- GEO 4450 - Environmental Modeling with GIS (2)
Prerequisite(s): [GEO 2400](#) and [GEO 2400L](#) or Instructor consent.
Corequisite(s): [GEO 4450L](#).
- GEO 4450L - Environmental Modeling with GIS Laboratory (1)

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Prerequisite(s): [GEO 2400](#) and [GEO 2400L](#) or Instructor consent.
Corequisite(s): [GEO 4450](#).

Geological Sciences

GSC 3500 - Natural Disasters (3)

Prerequisite(s): Completion of lower division GE requirements in Area A and Area B; and Upper Division standing.

GSC 4010 - GIS Applications for Earth and Environmental Scientists (1)

GSC 4010L - GIS Applications for Earth and Environmental Scientists Laboratory (2)

International Agriculture Business Management

ABM 4500 - Agricultural Water Resource Management (3)

International Business and Marketing

IBM 4102 - Marketing for Small Business Organizations (3)

Prerequisite(s): IBM 301, MKT 301, or [IBM 3012](#).

IBM 4112 - Consumer Behavior (3)

Prerequisite(s): PSY 201 or [PSY 2201](#); Undergraduate standing; and IBM 301, MKT 301, or [IBM 3012](#).

IBM 4141 - International Marketing (3)

Prerequisite(s): C or better in IBM 301 or [IBM 3012](#).

Interior Architecture

INA 6130 - Ecology of Design (2)

Prerequisite(s): INA Graduate Standing.

INA 6140 - Project Management for Interior Architects (3)

Prerequisite(s): INA Graduate Standing.

Kinesiology and Health Promotion

KIN 4450 - Social and Historical Perspectives in Kinesiology (3)

Landscape Architecture

LA 3581 - Geodesign Fundamentals for Environmental Designers (3)
For MLAII (Design Professional Track) Students without GIS experience only

LA 3611 - Construction I: Site Engineering and Landscape Construction (3)

For MLAII (Design Professional Track) Students without construction experience only

LA 3621 - Construction II: Methods and Materials and Measuring (3)

Prerequisite(s): C or better in [LA 3611](#).

For MLAII (Design Professional Track) Students without construction experience only

LA 4000 - Special Study for Upper Division Students (1-3)

LA 4111L - Design VII: Advanced Landscape Architecture Laboratory (3)

Prerequisite(s): C or better in [LA 3121L](#) and [LA 3621](#); or C or better in LA 303, LA 303L, LA 333, LA 333L, LA 342, and LA 342L.

LA 4251 - Asian Gardens (3)

LA 4621L - Design VIII: Landscape Architecture Capstone Laboratory (3)

Prerequisite(s): C or better in [LA 4111L](#) or [LA 4811L](#); or C or better in LA 303, LA 303L, LA 333, LA 333L, LA 342, and LA 342L.

LA 4782 - Evolving Issues in Environmental Design (3)

LA 4811L - Design VII: Advanced International Landscape Architecture Methods Laboratory (3)

Prerequisite(s): C or better in [LA 3121L](#) and [LA 3621](#); or C or better in LA 303, LA 303L, LA 333, LA 333L, LA 342, and LA 342L.

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Prerequisite(s): Study abroad student.

This course can't be used for elective credit if it is used to substitute required courses already

LA 4872 - History of International Landscapes (3)

Prerequisite(s): Study abroad student.

This course can't be used for elective credit if it is used to substitute required courses already

LA 4873 - International Landscape Architecture Professional Practice (3)

Prerequisite(s): Study abroad student.

This course can't be used for elective credit if it is used to substitute required courses already

LA 4990 - Special Topics for Upper Division Students (1-3)

LA 4990A - Special Topics for Upper Division Students Activity (1-3)

LA 4990L - Special Topics for Upper Division Students Laboratory (1-3)

LA 5000 - Special Study for Graduate Students (1-3)

LA 5261 - Graduate Landscape History I (3)

For MLAII (Design Professional Track) Students without LA history experience only

LA 5271 - Graduate History of Modern Landscapes (3)

For MLAII (Design Professional Track) Students without LA history experience only

LA 5581 - Visual Communication for Design (3)

For MLAII (Design Professional Track) Students without visual communication experience only

LA 5771 - Landscape Awareness and Assessment (3)

For MLAII (Design Professional Track) Students without landscape awareness and assessment experience only

LA 5782 - Landscape Architecture Teaching Practicum (3)

LA 5990 - Special Topics for Graduate Students (1-3)

LA 5990A - Special Topics for Graduate Students Activity (1-3)

LA 5990L - Special Topics for Graduate Students Laboratory (1-3)

LA 6910 - Directed Research (1-3)

LA 6920 - Independent Research (1-3)

Management and Human Resources

MHR 4010 - Business Ethics, Diversity and Social Responsibility (3)

Prerequisite(s): [MHR 3020](#) or MHR 318

MHR 4460 - Business Planning (3)

Prerequisite(s): [MHR 3410](#) or MHR 320.

MHR 3020 - Organizational Behavior (3)

Prerequisite(s): Upper division standing, Completion of General Education Area A, and GE Sub-areas D1, D2 and D3.

Microbiology

BIO 4680 - Microbial Ecology (2)

Prerequisite(s): MIC 201/MIL 201L or [BIO 2060/BIO 2060L](#).

BIO 4680L - Microbial Ecology Laboratory (1)

Prerequisite(s): MIC 201/MIC 201L or [BIO 2060/BIO 2060L](#).

Corequisite(s): [BIO 4680](#).

BIO 4690 - Plant-microbe Interactions (2)

Prerequisite(s): MIC 201/MIC 201L or [BIO 2060/BIO 2060L](#).

Corequisite(s): [BIO 4690L](#).

BIO 4690L - Plant-microbe Interactions Laboratory (1)

Prerequisite(s): MIC 201/MIC 201L or [BIO 2060/BIO 2060L](#).

Corequisite(s): [BIO 4690](#).

Public Administration

MPA 5010 - Public Policy Formation and Implementation (3)

Materials Engineering

MTE 4010 - Corrosion And Materials Degradation (2)

Prerequisite(s): ME 302, [ME 3121](#), CHE 303, or [CHE 3031](#); MTE 207, [MTE 2070](#), ME 315, or [ME 3150](#); and MTE 317L, [MTE 3170L](#),

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ME 350L, or [ME 3501L](#).

Corequisite(s): [MTE 4010L](#).

MTE 4010L - Corrosion And Materials Degradation Laboratory (1)

Prerequisite(s): [CHE 3031](#), [ME 3121](#), CHE 303, or ME 302; MTE 207, [MTE 2070](#), ME 315, or [ME 3150](#); and MTE 317L, [MTE 3170L](#),

ME 350L, or [ME 3501L](#).

Corequisite(s): [MTE 4010](#)

Philosophy

PHL 4300 - Ethics, Environment, and Society (3)

Plant Science

PLT 3030 - Pesticide Laws and Regulations (2)

PLT 3280 - Arboriculture (1)

Corequisite(s): [PLT 3280L](#).

PLT 3280L - Arboriculture Laboratory (1)

Corequisite(s): [PLT 3280](#).

PLT 3310 - Weed Science (2)

Prerequisite(s): BIO 115 or [BIO 1150](#); BIO 115L or [BIO 1150L](#).

Corequisite(s): [PLT 3310L](#).

PLT 3310L - Weed Science Laboratory (1)

Prerequisite(s): BIO 115 or [BIO 1150](#); BIO 115L or [BIO 1150L](#).

Corequisite(s): [PLT 3310](#).

PLT 3320 - Soil Fertility and Fertilizers (2)

Prerequisite(s): [PLT 2310](#)/[PLT 2310L](#) or PLT 231L.

Corequisite(s): [PLT 3320L](#).

PLT 3320L - Soil Fertility and Fertilizers Laboratory (1)

Prerequisite(s): PLT 231 or [PLT 2310](#); and PLT 231L or [PLT 2310L](#).

Corequisite(s): [PLT 3320](#).

PLT 3340 - Soil Resource Management and Conservation (2)

Prerequisite(s): PLT 231 or [PLT 2310](#); and PLT 231L or [PLT 2310L](#).

Corequisite(s): [PLT 3340L](#).

PLT 3340L - Soil Resource Management and Conservation Laboratory (1)

Prerequisite(s): PLT 231 or [PLT 2310](#); and PLT 231L or [PLT 2310L](#).

Corequisite(s): [PLT 3340](#).

PLT 3410 - Sprinkler/Drip Irrigation (3)

Prerequisite(s): [PLT 2320](#).

PLT 3520 - Soil Materials and Management (2)

Prerequisite(s): PLT 231 or [PLT 2310](#); and PLT 231L or [PLT 2310L](#).

Corequisite(s): [PLT 3520L](#).

PLT 3520L - Soil Materials and Management Laboratory (1)

Prerequisite(s): PLT 231 or [PLT 2310](#); and PLT 231L or [PLT 2310L](#).

Corequisite(s): [PLT 3520](#).

PLT 4110 - Environmental Toxicology (3)

Prerequisite(s): PLT 231 or [PLT 2310](#); and PLT 231L or [PLT 2310L](#).

PLT 4160 - Landscape Contracting and Estimating (2)

Prerequisite(s): PLT 131 or [PLT 1120](#); and PLT 131L or [PLT 1120L](#).

Corequisite(s): [PLT 4160L](#).

PLT 4160L - Landscape Contracting and Estimating Laboratory (1)

Prerequisite(s): PLT 131 or [PLT 1120](#); and PLT 131L or [PLT 1120L](#).

Corequisite(s): [PLT 4160](#).

PLT 4230 - Diseases of Ornamentals and Agronomic Crops (2)

Prerequisite(s): PLT 421, PLT 427, or [PLT 4190](#); and PLT 421L, PLT 427L, [PLT 4190L](#).

Corequisite(s): [PLT 4230L](#).

PLT 4230L - Diseases of Ornamentals and Agronomic Crops Laboratory (1)

Prerequisite(s): PLT 421, PLT 427, or [PLT 4190](#); and PLT 421L, PLT 427L, or [PLT 4190L](#).

Corequisite(s): [PLT 4230](#).

PLT 4310 - Soil Chemistry (2)

Prerequisite(s): PLT 231 or [PLT 2310](#); and PLT 231L or [PLT 2310L](#).

Corequisite(s): [PLT 4310L](#).

PLT 4310L - Soil Chemistry Laboratory (1)

Prerequisite(s): PLT 231 or [PLT 2310](#); and PLT 231L or [PLT 2310L](#).

Corequisite(s): [PLT 4310](#).

PLT 4311 - Plants and Civilization (3)

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- PLT 4340 - Golf Course Management (2)
Prerequisite(s): PLT 240 or [PLT 2400](#); and PLT 240L or [PLT 2400L](#).
Corequisite(s): [PLT 4340L](#).
- PLT 4340L - Golf Course Management Laboratory (1)
Prerequisite(s): PLT 240 or [PLT 2400](#); and PLT 240L or [PLT 2400L](#).
- PLT 4400 - Integrated Pest Management (3)
Prerequisite(s): PLT 233 or [PLT 2330](#); and PLT 233L or [PLT 2330L](#).
- PLT 3650 - Sustainable Agriculture (2)
PLT 3650L - Sustainable Agriculture Laboratory (1)
Corequisite(s): [PLT 3650](#).
- PLT 4460 - Advanced Irrigation and Runoff Water Management (2)
Prerequisite(s): PLT 232 or [PLT 2320](#).
Corequisite(s): [PLT 4460L](#).
- PLT 4460L - Advanced Irrigation and Runoff Water Management Laboratory (1)
Prerequisite(s): PLT 232 or [PLT 2320](#).
Corequisite(s): [PLT 4460](#).
- PLT 4430 - Landscape Management Problem Solving (2)
Prerequisite(s): PLT 131 or [PLT 1120](#); and PLT 131L or [PLT 1120L](#).
Corequisite(s): [PLT 4430L](#).
- PLT 4430L - Landscape Management Problem Solving Laboratory (1)
Prerequisite(s): PLT 131 or [PLT 1120](#); PLT 131L or [PLT 1120L](#).
Corequisite(s): [PLT 4430](#).
- PLT 3630 - Plant Science Junior Seminar (1)
PLT 5100 - Advanced Topics in the Plant and Environmental Sciences (3)
Prerequisite(s): Graduate Standing or Instructor Consent.
- PLT 5500 - Seminar in Plant Science (3)
Prerequisite(s): Graduate Standing or Instructor Consent.

Psychology

- PSY 4200 - Environmental Psychology (3)
Prerequisite(s): [PSY 2201](#), PSY 201, or PSY 202; or instructor consent.

- PSY 4401 - Social Psychology (3)
Prerequisite(s): [PSY 2201](#) or PSY 201 or PSY 202.
- PSY 4250 - Community Psychology (3)
Prerequisite(s): [PSY 2201](#), PSY 201, or PSY 202.
- PSY 4452 - Organizational Development and Change (3)
Prerequisite(s): [PSY 3314](#), PSY 314, [PSY 3332](#), or PSY 332; or instructor consent.
- PSY 4490 - Leadership and Teams (3)
Prerequisite(s): [PSY 2201](#), PSY 201, PSY 202, or instructor consent.
- PSY 4460 - Sensation and Perception (3)
Prerequisite(s): [PSY 2201](#) or PSY 201 or PSY 202; and [PSY 2204](#) or PSY 204 or SOC 204.
- PSY 4460A - Sensation and Perception Activity (1)
Prerequisite(s): [PSY 2201](#), PSY 201 or PSY 202; and [PSY 2204](#), PSY 204 or SOC 204.

Regenerative Studies

- RS 4140 - Current Applications in Regenerative Studies (2)
RS 4140L - Current Applications in Regenerative Studies Laboratory (1)
- RS 4200 - Watershed Restoration (2)
- RS 4500 - Sustainable Communities (3)
Prerequisite(s): GE Areas A, C1, C2a, C2b, D1, D2, and D3.
- RS 4650 - Ecological Patterns and Processes (3)
Prerequisite(s): RS 301, RS 501, [RS 3010](#), or Instructor Consent.
- RS 5100 - Regenerative Concepts and Applications (3)
Prerequisite(s): Graduate Standing.
- RS 5150 - Regenerative Social Practices (3)
Prerequisite(s): Graduate Standing.
- RS 5170L - Community Practice Laboratory (1)
Prerequisite(s): Graduate Standing.
- RS 5200 - Nature as Model (3)
Prerequisite(s): Graduate Standing.
- RS 5250 - Scientific Foundations in Regeneration (3)
Prerequisite(s): Graduate Standing.

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- RS 5300 - Regenerative Technology (3)
Prerequisite(s): Graduate standing, RS 510 or [RS 5100](#), and RS 520 or [RS 5200](#).
- RS 5350 - Regenerative Environments (3)
Prerequisite(s): Graduate Standing; RS 510 or [RS 5100](#); and RS 520 or [RS 5200](#).
- RS 5400 - Coalition Building (3)
- RS 5500 - Seminar in Research Methods (3)
Prerequisite(s): RS 510 or [RS 5100](#), and RS 520 or [RS 5200](#); or instructor consent.
- RS 6100 - Methods and Applications in Regenerative Studies (2)
Prerequisite(s): RS 520, [RS 5200](#), or Instructor Consent.
- RS 6100L - Methods and Applications in Regenerative Studies Laboratory (1)
Prerequisite(s): RS 520 or [RS 5200](#).

Urban and Regional Planning

- URP 4510 - Land Use and Urban Design Policy (2)
Prerequisite(s): Graduate standing; OR C- or better in [URP 2020](#) and [URP 2020A](#), or URP 202 and URP 202L.
- URP 4510A - Land Use and Urban Design Policy Activity (1)
Prerequisite(s): Graduate standing; OR C- or better in [URP 2020](#) and [URP 2020A](#), or URP 202 and URP 202L.
- URP 4850 - Urban Design Principles and Techniques (2)
Prerequisite(s): Graduate standing; OR C- or better in [URP 2020](#) and [URP 2020A](#), or URP 202 and URP 202L.
- URP 4820 - California Water (3)
- URP 4870 - Environmental Policy (3)
Prerequisite(s): Graduate standing; OR C- or better in [URP 3510](#) and [URP 3510A](#), or URP 351.
- URP 4880 - Local Transportation (2)
Prerequisite(s): Graduate standing; OR C- or better in [URP 3370](#) and [URP 3370L](#), or URP 337 and URP 337L.
- URP 4880L - Local Transportation Laboratory (1)
- Prerequisite(s): Graduate standing; OR C- or better in [URP 3370](#) and [URP 3370L](#), or URP 337 and URP 337L.
Corequisite(s): [URP 4880](#).
- URP 4890 - Transportation Methods and Analysis (2)
Prerequisite(s): Graduate standing; OR C- or better in [URP 3320](#) and [URP 3320L](#), or URP 332 and URP 332L.
Corequisite(s): [URP 4890L](#).
- URP 4890L - Transportation Methods and Analysis Laboratory (1)
Prerequisite(s): Graduate standing; OR C- or better in [URP 3320](#) and [URP 3320L](#), or URP 332 and URP 332L.
- URP 4900 - Advanced GIS (2)
Prerequisite(s): Graduate standing or C- or better in [URP 1200L](#).
Corequisite(s): [URP 4900L](#).
- URP 4900L - Advanced GIS Laboratory (1)
Prerequisite(s): Graduate standing or C- or better in [URP 1200L](#).
- URP 4910 - Planning for Climate Change (2)
Prerequisite(s): Graduate standing or C- or better in [URP 3380](#).
Corequisite(s): [URP 4910A](#).
- URP 4910A - Planning for Climate Change Activity (1)
Prerequisite(s): Graduate standing or C- or better in [URP 3380](#).
Corequisite(s): [URP 4910](#).
- URP 5010 - How Planning Works (1)
- URP 5050 - Planning and Place (3)
- URP 5060 - Land Use Planning Law and Intergovernmental Relations (3)
- URP 5070 - Planning for Environmental Sustainability (3)
Prerequisite(s): C- or better in [URP 5060](#) or URP 506.
- URP 5120 - Planning Ideas and Actions (3)
- URP 5210 - Research Approaches to Planning (3)
Prerequisite(s): C- or better in [URP 5120](#), or URP 512 and URP 512A.
- URP 5210L - Research Approaches to Planning Laboratory (1)
Prerequisite(s): C- or better in [URP 5120](#), or URP 512 and URP 512A.
- URP 5400 - Planning for Community Change (3)

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- Prerequisite(s): C- or better in [URP 5050](#) or URP 505; and C- or better in [URP 5210](#) and [URP 5210L](#), or URP 521 and URP 521L.
Corequisite(s): URP 5400L.
- URP 5400L - Planning for Community Change Laboratory (1)
Prerequisite(s): C- or better in [URP 5050](#) or URP 505; and C- or better in [URP 5210](#) and [URP 5210L](#), or URP 521 and URP 521L.
- URP 6430 - Leadership and Ethics Seminar (1)
Prerequisite(s): C- or better in [URP 5120](#), or URP 512 and URP 512A.
- URP 6520 - Professional Practice for Urban and Regional Planning (1)
Prerequisite(s): C- or better in [URP 5010](#), or URP 501 and URP 501L; and C- or better in [URP 5120](#), or URP 512 and URP 512A.
- URP 4110 - Evolution of American Cities and the Planning Movement (3)
Prerequisite(s): Upper Division Standing.
- URP 4230 - Planning for Minority Communities (3)
Component(s): Seminar
- URP 4240 - Public Participation (3)
- URP 4360 - Public Finance (3)
Prerequisite(s): Graduate standing; OR C- or better in [EC 2201](#) or EC 201; and C- or better in [URP 3340](#) and [URP 3340L](#), or URP 334 and URP 334A.
- URP 4370 - Planning for Infrastructure (3)
Prerequisite(s): Graduate standing; OR C- or better in [URP 3370](#) and [URP 3370L](#), or URP 337 and URP 337
- URP 4380 - Land Use Entitlements (3)
Prerequisite(s): Graduate standing; OR C- or better in [URP 3030](#) and [URP 3030L](#), or URP 203 and URP 203L; and C- or better in [URP 3510](#) and [URP 3510A](#)
- URP 4390 - Infrastructure Finance (3)
Prerequisite(s): Graduate standing; OR C- or better in [EC 2201](#) or EC 201; and C- or better in [URP 3370](#) and [URP 3370L](#), or URP 337 and URP 337L
- URP 4510 - Land Use and Urban Design Policy (2)
Prerequisite(s): Graduate standing; OR C- or better in [URP 2020](#) and [URP 2020A](#), or URP 202 and URP 202L.
- URP 4510A - Land Use and Urban Design Policy Activity (1)
Prerequisite(s): Graduate standing; OR C- or better in [URP 2020](#) and [URP 2020A](#), or URP 202 and URP 202L.
- URP 4660 - Environmental Assessment (3)
Prerequisite(s): Graduate standing; OR C- or better in [URP 3510](#) and [URP 3510A](#), or URP 351.
- URP 4760 - International Planning (3)
- URP 4780 - GIS Applications in Planning Studio (2)
Prerequisite(s): Graduate standing or C- or better in [URP 1200L](#).
Corequisite(s): [URP 4780L](#).
- URP 4780L - GIS Applications in Planning Studio Laboratory (1)
Prerequisite(s): Graduate standing or C- or better in [URP 1200L](#).
- URP 4820 - California Water (3)
- URP 4830 - Development Processes (2)
Prerequisite(s): Graduate standing; OR C- or better in [URP 3510](#) and [URP 3510A](#), or URP 351
- URP 4830A - Development Processes Activity (1)
Prerequisite(s): Graduate standing; OR C- or better in [URP 3510](#) and [URP 3510A](#), or URP 351.
- URP 4840 - Neighborhood Development (2)
Corequisite(s): [URP 4840A](#).
- URP 4840A - Neighborhood Development Activity (1)
Corequisite(s): [URP 4840](#).
- URP 4850 - Urban Design Principles and Techniques (2)
Prerequisite(s): Graduate standing; OR C- or better in [URP 2020](#) and [URP 2020A](#), or URP 202 and URP 202L.
- URP 4850L - Urban Design Principles and Techniques Laboratory (1)
Prerequisite(s): Graduate standing; OR C- or better in [URP 2020](#) and [URP 2020A](#), or URP 202 and URP 202L
- URP 4880 - Local Transportation (2)
Prerequisite(s): Graduate standing; OR C- or better in [URP 3370](#) and [URP 3370L](#), or URP 337 and URP 337L
- URP 4880L - Local Transportation Laboratory (1)

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- Prerequisite(s): Graduate standing; OR C- or better in [URP 3370](#) and [URP 3370L](#), or URP 337 and URP 337L
- URP 4890 - Transportation Methods and Analysis (2)
Prerequisite(s): Graduate standing; OR C- or better in [URP 3320](#) and [URP 3320L](#), or URP 332 and URP 332L
- URP 4890L - Transportation Methods and Analysis Laboratory (1)
Prerequisite(s): Graduate standing; OR C- or better in [URP 3320](#) and [URP 3320L](#), or URP 332 and URP 332L.
- URP 4900 - Advanced GIS (2)
Prerequisite(s): Graduate standing or C- or better in [URP 1200L](#).
Corequisite(s): [URP 4900L](#).
- URP 4900L - Advanced GIS Laboratory (1)
Prerequisite(s): Graduate standing or C- or better in [URP 1200L](#).
Corequisite(s): [URP 4900](#)
- URP 4910 - Planning for Climate Change (2)
Prerequisite(s): Graduate standing or C- or better in [URP 3380](#).
Corequisite(s): [URP 4910A](#).
- URP 4910A - Planning for Climate Change Activity (1)
Prerequisite(s): Graduate standing or C- or better in [URP 3380](#).
Corequisite(s): [URP 4910](#).
- URP 4980 - Advanced Planning Studio (2)
Corequisite(s): [URP 4980L](#).
- URP 4980L - Advanced Planning Studio Laboratory (1-3)
Corequisite(s): [URP 4980](#).
- URP 5250 - GIS for Planning (2)
Prerequisite(s): Graduate standing
- URP 5250L - GIS for Planning Laboratory (1)
Prerequisite(s): Graduate standing.
Corequisite(s): [URP 5250](#).
- URP 5340 - Urban Housing and Community Development (2)
Prerequisite(s): Graduate standing
Corequisite(s): [URP 5340A](#).
- URP 5340A - Urban Housing and Community Development Activity (1)
Prerequisite(s): Graduate standing.
Corequisite(s): [URP 5340](#).
- URP 5350 - Regional Transportation Policy and Planning (3)
Prerequisite(s): Graduate standing; OR C- or better in [URP 5120](#), or URP 512 and URP 512A
- URP 5370 - Environmental Policy (3)
Prerequisite(s): Graduate Standing
- URP 5380 - Urban Design (2)
Prerequisite(s): Graduate Standing
Corequisite(s): [URP 5380L](#).
- URP 5380L - Urban Design Laboratory (1)
Prerequisite(s): Graduate Standing.
Corequisite(s): [URP 5380](#).
- URP 5430 - Methods in Leadership and Entrepreneurship (2)
Prerequisite(s): Graduate Standing.
Corequisite(s): [URP 5430A](#).
- URP 5430A - Methods in Leadership and Entrepreneurship Activity (1)
Prerequisite(s): Graduate Standing.
Corequisite(s): [URP 5430](#).
- URP 5230 - Policy Analysis and Advanced Research Methods (2)
Prerequisite(s): C- or better in [URP 5120](#), or URP 512 and URP 512A.
Corequisite(s): [URP 5230A](#).
- URP 5230A - Policy Analysis and Advanced Research Methods Activity (1)
Prerequisite(s): C- or better in [URP 5120](#), or URP 512 and URP 512A.
Corequisite(s): [URP 5230](#).