

Fall 2020 Course Descriptions as of 04/05/2020 08:13 PM

Information in Browse Course Catalog is subject to change. Information is term specific. Please refer to the appropriate term when searching for course content. Key to Course Descriptions may be found at: http://rcs.registrar.arizona.edu/course_descriptions_key.

Real Estate Development (RED)

RED 401: Intro to Real Estate Finance (3 units)

Description: The focus of this course is the analysis of capital formation in commercial real estate and examination of the tools real estate investors use to make investment decisions. The course includes sections on capital sources, investor concerns and hurdles, data sources, investment fundamentals and tools, discounted cash flow modeling, and pre-tax equity distributions for a range of partnerships. It is assumed that students have a general familiarity with the property development process, urban policy issues, and the basics of both finance and MS Excel. Commercial real estate investment is heavily rooted in analytical techniques for problem analysis, projection, and evaluation, and communication of this information in public discourse. This course will ask students to analyze decisions made by real estate developers and investors and also to communicate clearly about risk and return.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: RED 501

Course typically offered:

Main Campus: Fall

RED 402A: Foundations of Real Estate Finance for Public-Private Partnerships (3 units)

Description: This course will show the multi-disciplinary nature of urban development and redevelopment, and the role of development professionals with planning and/or business backgrounds to facilitate collaborations toward the common objective of using public resources to leverage private investment consistent with public objectives. The course will also endeavor to have students develop a succinct but informative approach to communicating reasonably complex financial analyses for diverse audiences. It is hoped that this course will enable students to become leaders in shaping and implementing policies aimed at making the built environment more equitable and responsive to society's needs. This course provides students with the basic tools needed to craft innovative solutions that leverage public resources to advance society's needs.

Grading basis: Regular Grades

Career: Undergraduate

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| Course Components: | Lecture | Required |
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Co-convened with: RED 502A

Course typically offered:

Main Campus: Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

RED 407: Survey of Responsible Real Estate Development (3 units)

Description: There is an interest in assuring that real estate development of the future is more socially, environmentally, and economically responsible than in the past. Emerging research shows that responsible real estate development can produce competitive short-term and superior long-term financial returns. This introductory course will review sweeping changes occurring in real estate development.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: RED 507

Course typically offered:

Main Campus: Fall

Online Campus: Fall

Recommendations and additional information: Ability to create and manipulate Excel spreadsheets

RED 409: Due Diligence and Entitlements (3 units)

Description: This course provides students a review of the legal principles that inform and regulate the due diligence and entitlement process that is the basis of every successful real estate transaction.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Also offered as: LAW 409, PLG 409

Co-convened with: RED 509

Course typically offered:

Main Campus: Fall

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

RED 415: Construction and Project Management (3 units)

Description: The objective of the course is to introduce real estate development students, and those from other majors and programs, to construction management as a component of the real estate development process. The course will introduce students to the fundamentals of building construction, project budget estimation, project management, scheduling, and project leadership. The course will focus both case analyses and discussions of best practices. Industry experts will provide insight and help guide the course substantively. The course will ask students to analyze decisions made by real estate developers about construction management and communicate clearly about construction management and its role in mitigating risk and enhancing project returns.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: RED 515

Course typically offered:

Main Campus: Fall, Spring

RED 421: Placemaking and Urban Form (3 units)

Description: This course will introduce students to the fundamental concepts of urban design and urban form and the role these play in placemaking in cities, towns and suburbs. The course will cover the work of urban design theorists, variables that impact a community's sense of place, challenges and opportunities in modern city design, and methods to design more livable and sustainable cities.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: RED 521

Course typically offered:

Main Campus: Fall, Spring

Online Campus: Fall, Spring

RED 485: Foundations of Economics for Planning and Real Estate Development (3 units)

Description: This is a core course that focuses on suite of economic approaches that broaden planners' and developers' ability to make informed economic decisions from the perspective of the public sector.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Also offered as: PLG 485

Co-convened with: RED 585

Course typically offered:

Main Campus: Fall

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

RED 501: Intro to Real Estate Finance (3 units)

Description: The focus of this course is the analysis of capital formation in commercial real estate and examination of the tools real estate investors use to make investment decisions. The course includes sections on capital sources, investor concerns and hurdles, data sources, investment fundamentals and tools, discounted cash flow modeling, and pre-tax equity distributions for a range of partnerships. It is assumed that students have a general familiarity with the property development process, urban policy issues, and the basics of both finance and MS Excel. Commercial real estate investment is heavily rooted in analytical techniques for problem analysis, projection, and evaluation, and communication of this information in public discourse. This course will ask students to analyze decisions made by real estate developers and investors and also to communicate clearly about risk and return.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: RED 401

Course typically offered:

Main Campus: Fall

RED 502A: Foundations of Real Estate Finance for Public-Private Partnerships (3 units)

Description: This course will show the multi-disciplinary nature of urban development and redevelopment, and the role of development professionals with planning and/or business backgrounds to facilitate collaborations toward the common objective of using public resources to leverage private investment consistent with public objectives. The course will also endeavor to have students develop a succinct but informative approach to communicating reasonably complex financial analyses for diverse audiences. It is hoped that this course will enable students to become leaders in shaping and implementing policies aimed at making the built environment more equitable and responsive to society's needs. This course provides students with the basic tools needed to craft innovative solutions that leverage public resources to advance society's needs.

Grading basis: Regular Grades

Career: Graduate

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| Course Components: | Lecture | Required |
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Also offered as: PLG 502A

Co-convened with: RED 402A

Course typically offered:

Main Campus: Spring

Recommendations and additional information: Graduate level standing and enrollment in the MRED program. Students enrolled in MS Planning Program to enroll with department consent only.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

RED 507: Survey of Responsible Real Estate Development (3 units)

Description: There is an interest in assuring that real estate development of the future is more socially, environmentally, and economically responsible than in the past. Emerging research shows that responsible real estate development can produce competitive short-term and superior long-term financial returns. This survey course will review sweeping changes occurring in real estate development, including the role of various real estate professionals and activities in responding to these changes responsibly.

Grading basis: Regular Grades

Career: Graduate

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| Course Components: | Lecture | Required |
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Also offered as: PLG 507

Co-convened with: RED 407

Course typically offered:

Main Campus: Fall

Recommendations and additional information: Undergraduate Seniors interested in taking this course must be SBEBSSE degree (Senior and Senior plus) or obtain instructor consent.

Field trip: Students will visit project sites throughout the semester.

RED 509: Due Diligence and Entitlements (3 units)

Description: This course provides students a review of the legal principles that inform and regulate the due diligence and entitlement process that is the basis of every successful real estate transaction.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Also offered as: LAW 509, PLG 509

Co-convended with:

Course typically offered:

Main Campus: Fall

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

Description: The objective of the course is to introduce real estate development students, and those from other majors and programs, to construction management as a component of the real estate development process. The course will introduce students to the fundamentals of building construction, project budget estimation, project management, scheduling, and project leadership. The course will focus both case analyses and discussions of best practices. Industry experts will provide insight and help guide the course substantively. The course will ask students to analyze decisions made by real estate developers about construction management and communicate clearly about construction management and its role in mitigating risk and enhancing project returns. Graduate students in RED 515 will have different expectations than undergraduate students in RED 415 including more data driven reports, more in-depth analysis, and a final project presentation to professionals in the field.

Career: Graduate

Co-convened with: RED 415

Course typically offered:

Main Campus: Fall, Spring

Description: This course will introduce students to the fundamental concepts of urban design and urban form and the role these play in placemaking in cities, towns and suburbs. The course will cover the work of urban design theorists, variables that impact a community's sense of place, challenges and opportunities in modern city design, and methods to design more livable and sustainable cities.

Career: Graduate

Co-convened with: RED 421

Course typically offered:

Main Campus: Fall, Spring

Online Campus: Fall, Spring

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

RED 522: Landscape Analysis (3 units)

Description: Integrated field and classroom instruction introduces the student to inventory and analysis of biological, physical, social/behavioral, and cultural elements of the landscape. Projects will incorporate principles of landscape ecology and regional landscape planning. Output of the course will deal with implications of the above-named elements on design. In addition, design programming and data manipulation will be introduced and a conceptual design for a given site will be developed.

Grading basis: Regular Grades

Career: Graduate

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| Course Components: | Laboratory | May Be Offered |
| | Lecture | Required |

Also offered as: LAR 522

Course typically offered:

Main Campus: Fall

Home department: School of Landscape Architecture and Planning

RED 535: Design and Development of Health Facilities & Therapeutic Environments (2 - 3 units)

Description: Concepts regarding the development of healthcare settings designed to provide healing and healthy environments to enhance outcomes for all users will be discussed. The course reviews how 'evidence-based design' approaches, modeled on 'evidence-based medicine', have been applied to inform development and design practice. Authentic case examples will illustrate a 'research-based design process' that includes the application of neuroscience and emerging virtual reality technologies to inform real-world solutions for the creation of healthy healthcare facilities. Consideration of multiple stakeholders in healthcare provision, regulatory issues, and the impact of design on the return on investment, will be considered in terms of human, health, wellbeing and economic outcomes.

Grading basis: Student Option ABCDE/PF

Career: Graduate

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| Course Components: | Lecture | Required |
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Course typically offered:

Main Campus: Fall

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

RED 560: Land-Use Planning Law (3 units)

Description: Review of the principal legal devices available to implement planning decisions on community design (official map, subdivision control), the use of land (nuisance, covenants and zoning) and housing needs (including urban renewal). Special attention will be paid to the significance and legal effect of a comprehensive plan and to the social and economic effects of planning decisions.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Also offered as: LAW 560, PLG 560

Co-convened with:

Course typically offered:

Main Campus: Spring

Home department: Planning

RED 568: Urban Transportation Planning (3 units)

Description: Transportation planning in relation to urban development; techniques and procedures for developing long-range regional plans. Usually offered every third semester beginning Fall 2002. Graduate-level requirements include a research paper or project.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Equivalent to: CE 568, PLAN 568, PLN 568, PLNG 568

Also offered as: CE 568, PLG 568

Course typically offered:

Main Campus: Fall

Home department: Planning

RED 576: The Land Development Process (3 units)

Description: A case-oriented approach to site selection, rezoning, financing, architectural design, economic feasibility, and other facets of the land development process. Graduate-level requirements include the completion of a series of research projects.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Equivalent to: GEOG 576, PLAN 576, PLN 576, PLNG 576

Also offered as: GEOG 576, PLG 576

Course typically offered:

Main Campus: Spring

Home department: Planning

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

RED 585: Foundations of Economics for Planning and Real Estate Development (3 units)

Description: This is a core course that focuses on suite of economic approaches that broaden planners' and developers' ability to make informed economic decisions from the perspective of the public sector.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Also offered as: PLG 585

Co-convened with: RED 485

RED 597S: Sustainable Urban Development and Design (3 units)

Description: Examines contemporary competition between environment, resources (water, energy), social equity, and economic viability in the community development and revitalization arena. Public policy, planning initiatives, design strategies and technical solutions that bridge the conflicting agendas are analyzed. Field investigation of contemporary cases. Appropriate for students specializing in planning, architecture and landscape architecture. Graduate-level requirements include a case study paper and formal class presentation. The study should include a literature review, and assessment methodology and critical comment.

Grading basis: Regular Grades

Career: Graduate

Course Components: Workshop Required

Equivalent to: GEOG 597S, PLN 597S

Also offered as: GEOG 597S, PLG 597S

Course typically offered:

Main Campus: Fall

Home department: Planning

RED 599: Independent Study (1 - 6 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work. Graduate students doing independent work which cannot be classified as research will register for credit under course 599, 699, or 799.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Course typically offered:

Main Campus: Fall, Spring, Summer

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

RED 603: Housing and Downtown Development (3 units)

Description: Housing and Downtown Development analyzes the market and regulatory forces that shape housing and downtown development projects using both local and national case materials. Housing and Downtown Development provides a window into two different sectors of real estate development: residential and downtown commercial. The course includes analysis of the basic concepts and principles of housing and downtown development, a review of urban and mortgage policy in the United States, discussion of the development of urban sites and their role in shaping the urban environment, and an analysis of the relationship between public policy and finance in shaping the urban environment. Although there are no formal prerequisites, this is an advanced graduate course. Consequently, I assume that students have a general familiarity with the property development process, urban policy issues, and the basics of both finance and MS Excel. The development and management of both housing and downtown commercial buildings are heavily rooted in analytical techniques for problem analysis, projection, and evaluation, and communication of this information in public discourse. This course will ask students to analyze decisions made by housing developers and also to communicate clearly about risk and return relative to commercial projects in an urban context.

Grading basis: Regular Grades

Career: Graduate

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| Course Components: | Lecture | Required |
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Course typically offered:

Main Campus: Fall

RED 605: Advanced Real Estate Finance: Software & Technology (3 units)

Description: This course is designed to advance students' knowledge of the industry leading data and software required to succeed in real estate development and finance. Drawing on tools from CoStar, Real Capital Analytics, ARGUS, and Site To Do Business, the class illustrates use of the programs in the context of solving real estate development and finance problems.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

RED 607: Growth Management for Planning and Development (3 units)

Description: This course provides an overview of local, regional, and state approaches to growth management. It provides the theoretical underpinnings of growth management, including the need for public intervention into the land market, the economic purposes of growth management, and issues of efficient urban form. It also presents ways to evaluate the techniques of growth management including resource land preservation, protecting special areas of public concern, rural growth management, urban containment, the role of public facilities planning and finance in managing development patterns, and administrative principles of growth management programs.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Also offered as: PLG 607

Course typically offered:

Main Campus: Spring

Home department: Planning

RED 625: Market Analysis for Responsible Real Estate Development (3 units)

Description: This course serves as a primer for the analysis techniques and data sources used to segment real estate markets, quantify demand, and evaluate competing supply. This course considers the balance of demand and supply as a key component to responsible real estate development. Students will complete a real estate market analysis, including the written study and concept presentation, as part of this course. The course focuses on real estate industry methods to evaluate development opportunities and the skills needed to identify and quantify new and emerging opportunities for more sustainable development types.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Also offered as: PLG 625

Course typically offered:

Main Campus: Fall, Spring

RED 693: Internship (3 units)

Description: The primary goal of the internship is to give students an opportunity to apply lessons learned in the classroom to a real-world experience set in a professional practice-oriented environment, with the intern's work overseen by a professional.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 2 times.

Course typically offered:

Main Campus: Fall, Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

RED 698: Professional Project for Real Estate Development (3 - 6 units)

Description: This course provides an opportunity for Master of Real Estate Development students to engage in a culminating experience involving a substantive project which demonstrates a synthesis of learning including broadly comprehensive knowledge of a discipline, its methods, and processes. The student will work under the direction of a faculty member in conjunction with members of the real estate community to identify a project, conduct analysis and synthesis, and to prepare a final report and presentation.

Grading basis: Pass/Fail

Career: Graduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 2 times.

Course typically offered:

Main Campus: Fall, Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.