

This is an interactive page. Turn on and off layers to view course options.

MRED+U

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
				9:00AM-12:00PM Intro to RED+U
				2:00PM-3:30PM MRED+U Site Visits Hold this time for Site Visits
	3:30PM-4:45PM Urbanismus (T/R) Oct 10-Dec 5		3:30PM-4:45PM Urbanismus (T/R) Oct 11-Dec 5	
5:05PM-6:20PM Applied Fin I (M/W) Aug 21-Oct 4	4:00PM-6:15PM Real Estate Law (T/R) Aug 22-October 6	5:05PM-6:20PM Applied Fin I (M/W) Aug 21-Oct 4	4:00PM-6:15PM Real Estate Law (T/R) Aug 22-October 6	
Applied Fin II (M/W) Oct 9-Dec 4		Applied Fin II (M/W) Oct 9-Dec 4		
6:35PM-9:20PM Retail Sept 11-Oct 9	6:35PM-9:20PM Market Analysis	6:35PM-9:20PM Finance	6:35PM-9:20PM Applied Design Aug 24-Sept 21	
Prop Tech Nov 6-Dec 4	Contract Documents		Zoning Sept 28-Oct 26	
Virtual Design & Construction			Construction Mgmt	

Core/Required

--- Full-Time, Fall Start ---

- RED601-7A (3) Intro to Real Estate Development + Urbanism | Tim Hernandez + Mark Troen | F 9:00AM-12:00PM | Glasgow Hall
- RED610-4K (3) Financing Urban Real Estate Development | Alex Morcate | W 6:35PM-9:20PM | A48 320
- RED630-1T (3) Real Estate Economics and Market Analysis | Mark Troen | T 6:35PM-9:20PM | Rinker 130
- BSL694-57 (2) Real Estate Law | Alexandros Platon Alexandrakis | T/R 4:00PM-6:15PM | Rinker 130 | [Aug 22-Oct 6](#)
- RED642-S (2) Urbanismus Practicum | Jaime Correa | T/R 3:30PM-4:45PM | Rinker 130 | [Oct 11-Dec 5](#) * or an approved arch elective
- ARC681-2 (0-1) Workshop: Analysis + Representation for Placemaking | Veruska Vasconez | Hours/Days Arranged ***ONL** * Required for MRED+U

--- These core classes are available depending on experience, courses previously completed, course availability ---

- RED612-J (2) Applied Real Estate Finance And Investments I | Alex Morcate | M/W 5:05PM-6:20PM | A48 320 | [Aug 21-Oct 4](#)
- CMA630-U (2) Contract Documents | Johnathan Hrasar | T 6:35PM-7:50PM | La Gorce 210 * or an approved CMA course

Recommended Electives

- RED640-6T (1) Applied Design for Real Estate Developers | Victor Dover | R 6:35PM-9:20PM | Old Gallery A48 120 | [Aug 24-Sep 21](#)
- ARC681-6K (1) Retail Placemaking | Emran Ally | M 6:35PM-9:20PM | A48 320 | [Sept 11-Oct 9](#)
- ARC681-8K (1) Zoning and the Shaping of Cities | Elizabeth Plater-Zyberk | R 6:35PM-9:20PM | Rinker 130 | [Sept 28-Oct 26](#)
- ARC681-7K (1) Prop Tech | Tigre Weinrich | M 6:35PM-9:20PM | A48 320 | [Nov 6-Dec 4](#)
- RED614-J* (2) Applied Real Estate Finance and Investments: Level II | Alex Morcate | M/W 5:05PM-6:20PM | A48 320 | [Oct 9-Dec 4](#)
* completion of RED612 required

Additional Elective Options (Must be pre-approved by program director)

- CMA or ARC* Electives (1-3)
- MHBS or LAW Elective (1-3) - Discuss with program office to get approval from program director and MHBS/LAW

CMA Electives

- RED670-U (3) Construction and Project Management | Brandon Moore | R 6:35PM-9:20PM
- CMA640-K (3) Virtual Design and Construction (VDC/BIM) | Adam Demler | M 6:35PM-9:20PM | A49 110

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
		10:10AM-12:05PM Intro to Resilient Bldg & Community Design ^{+ONLINE}		9:05AM-12:00PM Urban Redev Design & Fabrication Techniques
	12:00PM-1:00PM MRED+U Lecture Series			12:00PM-1:00PM MRED+U Lecture Series
			2:00PM-4:45PM Complex Trans+ 3 Credit: Jan 19-May 1 2 Credit: Jan 19-Mar 9 Only	2:00PM-3:30PM MRED+U Site Visits Hold this time for Site Visits
5:05PM-6:20PM Applied FIN I (M/W) Jan 18-Mar 6 Only Applied FIN II (M/W) Mar 8-May 1 Only		5:05PM-6:20PM Applied FIN I (M/W) Jan 18-Mar 6 Only Applied FIN II (M/W) Mar 8-May 1 Only	5:05PM-7:50PM Market Analysis	
6:35PM-8:35PM ARGUS ^{+ONLINE} Jan 30-Mar 6 Only Art of Approval Mar 27-May 1 Legal Issues in Construction 6:35-9:20	6:35PM-7:50PM Construction Tropical Architecture	6:35PM-9:20PM Finance Entrepreneurship+ Emerging Technologies in Design & Const.	6:35PM-9:20PM Adaptation to Climate Change Construction Project Controls	

Core/Required

--- Full-Time, Fall Start ---

- RED660 (3) Urban Redevelopment | Charles Bohl / Tim Hernandez | F 9:05A-12:00P
- RED612 (2) Applied Real Estate Finance And Investments I | Alex Morcate | M/W 5:05P-6:20P | First 7 Weeks
- CMA630 (2) Contract Documents | Johnathan Hrasar | T 6:35P-7:50P * or an approved CMA course
- RED680+ (3) Entrepreneurship: Building a Real Estate Development Company | Muayad Abbas | W 6:35P-9:20P
- RED650+ (2/3) Complex Real Estate Transactions | Mark Troen | R 2:00P-4:45P * ARC### (2 credit version) Jan 19-March 9 only

--- Part-Time, Spring Start --- Depending on # of credits, this is the order of priority

- RED610 (3) Financing Urban Real Estate Development | Alex Morcate | W 6:35P-9:20P
- RED630 (3) Real Estate Market Analysis | Mark Troen | R 5:05P-7:50P
- RED660 (3) Urban Redevelopment | Tim Hernandez/Mark Troen | F 9:05A-12:00P
- CMA630 (2) Contract Documents | Johnathan Hrasar | T 6:35P-9:20P * or an approved CMA course

Recommended Electives

- RED614 (2) Applied Real Estate Finance and Investments: Level II | Alex Morcate | M/W 5:05P-6:20P | Second 7 Weeks
* completion of RED612 required
- RED618 (0-1) Technologies and Tools for Commercial Real Estate: ARGUS Basic | Todd Adams | M 6:35P-8:30P | Jan 30-Mar 6 * online only
- ARC681 (1) Art of Approval | Steve Wernick | M 6:35P-8:30P | March 27-May 1
- ARC639 (3) Adaptation to Climate Change | Elizabeth Plater-Zyberk | R 6:35P-9:20P
- ARC679 (3) Intro to Resilient Building & Community Design | Sonia Chao | W 10:10-12:05A * online only
- ARC640 (3) Tropical Architecture | Allan Shulman | T 6:35-6:20PM
- ARC657 (3) Design & Fabrication Techniques | Max Jarosz | F 9:05A-12:05P
- ARC623 (0-3) Urban Design Competition (Hines, HUD) * competition registration deadline Dec 9; round 1 submission due January 23

Additional Elective Options

Must be pre-approved by directors from each program. Browse CaneLink for additional elective options. Discuss with MRED+U office to get approval from program director.

MHBS Electives
RPD Electives

- CMA620 (2) Construction Project Controls | Sevcian Agdas/Johnny Maghzal | R 6:35PM-7:50PM * completion of RED670 or CMA630 required
- CMA636 (3) Legal Issues in Building Construction | Gary Stein/Kesang Chin | M 6:35PM-9:20PM (CMA734 for 2 credits)
- CMA642 (2) Emerging Technologies in Design + Construction | A. Demler | W 6:35PM-7:50PM * by professor permission only
- CMA694 (1) Codes Standards + Regulations | B. Schiffer | DATES/TIMES TBD

+ You may choose to take either Entrepreneurship (RED680-3 credits) or Complex Transactions (RED650-2 or 3 credits), or you may take both.

Course Schedule Summer 23

SUBJECT TO CHANGE / DRAFT 3/26/23

Not all electives are available every semester or academic year.

Classes: May 15- June 14 | Finals: June 16

MRED+U Celebration: June 22 (Subject to change)

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MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<div style="border: 1px solid black; border-radius: 10px; padding: 5px;"> <p>9:00AM-12:15PM</p> <p>Capstone (M-R)</p> </div>	<div style="border: 1px solid black; border-radius: 10px; padding: 5px;"> <p>9:00AM-12:15PM</p> <p>Capstone (M-R)</p> </div>	<div style="border: 1px solid black; border-radius: 10px; padding: 5px;"> <p>9:00AM-12:15PM</p> <p>Capstone (M-R)</p> </div>	<div style="border: 1px solid black; border-radius: 10px; padding: 5px;"> <p>9:00AM-12:15PM</p> <p>Capstone (M-R)</p> </div>	
	<div style="border: 1px solid black; border-radius: 10px; padding: 5px;"> <p>3:10PM-6:15PM</p> <p>Case Studies (T/R)</p> </div>	<div style="border: 1px solid black; border-radius: 10px; padding: 5px;"> <p>3:10PM-6:15PM</p> <p>Advanced Argus ^{+ ONL}</p> </div>	<div style="border: 1px solid black; border-radius: 10px; padding: 5px;"> <p>3:10PM-6:15PM</p> <p>Case Studies (T/R)^{+ ONL}</p> </div>	
<div style="border: 1px solid black; border-radius: 15px; padding: 10px; background-color: #f0e6e6;"> <p style="text-align: center; margin: 0;">Core/Required</p> <p style="margin: 5px 0 0 0;">--- Full-Time, Fall Start ---</p> <p style="margin: 5px 0 0 0;">RED690-E (3) Case Studies in Real Estate Development Tim Hernandez T 3:10PM-6:15PM (IN PERSON) + R 3:10PM-6:15PM (ONLINE)</p> <p style="margin: 5px 0 0 0;">RED699-01 (3) Capstone: Real Estate Development and Urbanism Charrette Charles Bohl Arranged</p> <p style="margin: 5px 0 0 0;">* the capstone will take place during the full Summer A semester. Students will be placed on a team and meet with faculty either M/W or T/R, either (approx) 9-10:30 or 11:00-12:30. Students are also expected to meet with their teams outside of these times to complete assignments.</p> <p style="margin: 10px 0 0 0;">--- Students that started the program in Spring not typically eligible for summer Core courses. To request an exemption, please contact MRED+U office ---</p> </div>				
<div style="border: 1px solid black; border-radius: 15px; padding: 10px; background-color: #d3d3d3;"> <p style="text-align: center; margin: 0;">Electives</p> <p style="margin: 5px 0 0 0;">--- If you are still in need of elective credits, you may browse CaneLink for additional elective options. Discuss with MRED+U office to get approval from program director. ---</p> <p style="margin: 5px 0 0 0;">RED618-01 (0-1) Technologies and Tools for Commercial Real Estate: ARGUS Advanced Todd Adams W 3:10PM-6:15PM ^{+ online only}</p> <p style="margin: 5px 0 0 0;">* Completion of Basic Argus required</p> </div>				

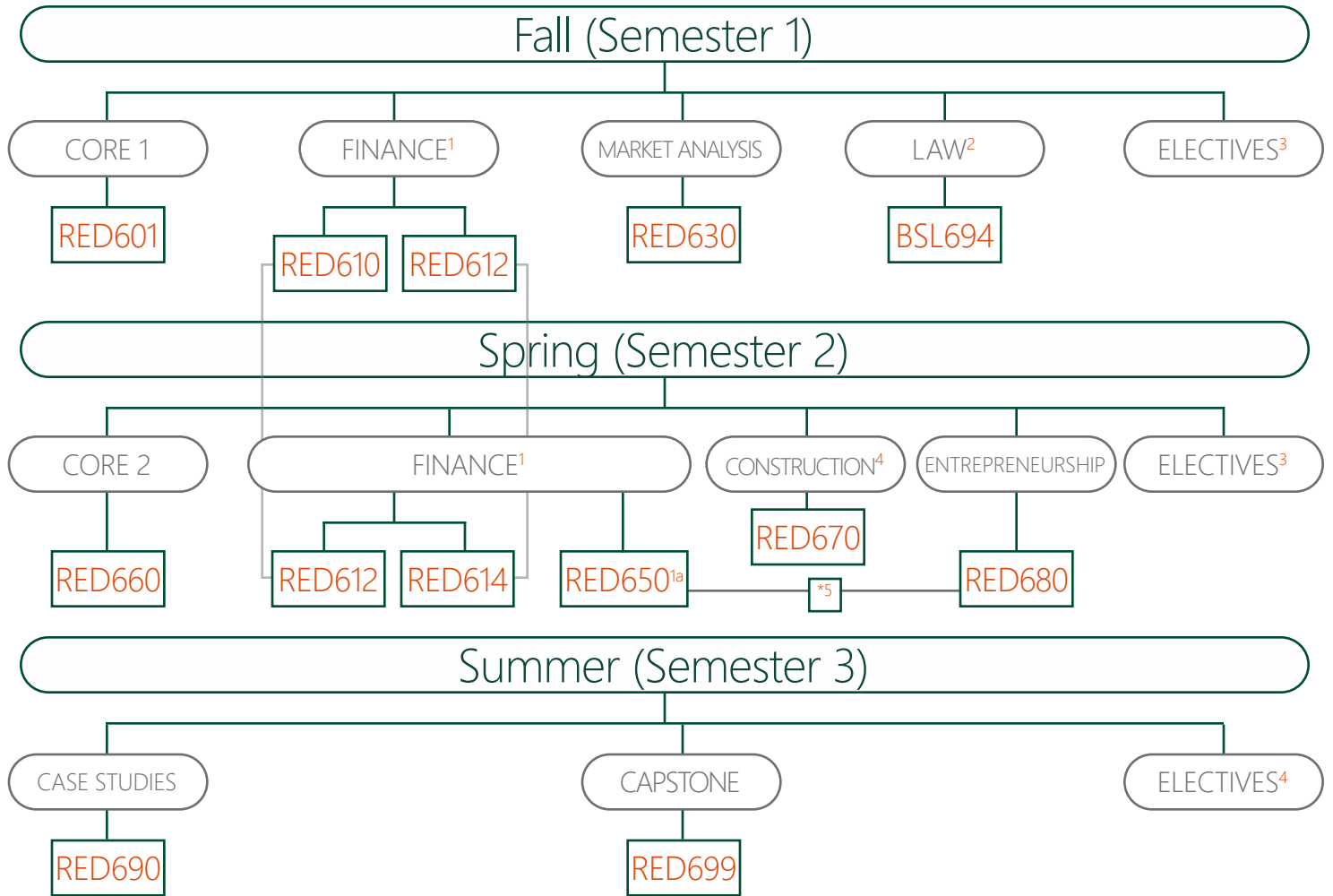


Advisement Guide

Course Matrix

Full-time (Fall Start, 3 Semesters)

MRED+U



NOTES

1 FINANCE: With professor approval, students with finance experience may request to test out of RED610. Two courses total required. RED614 may be taken as an elective after successful completion of RED610 and RED612.
1a waivers requests must be approved by program director

2 LAW: Students may request an alternative Law course with Director approval. One course (2 credits min) required.

3 ELECTIVES: Electives vary each semester and year. Elective credits can be fulfilled from one, two and three credit course offerings over the three semesters including study abroad courses involving MRED+U faculty (or approved by the Director). At least 3 elective credits must be ARC or Urban Design credits.

4 CONSTRUCTION: Students may complete RED670 or a 2-3 credit CMA course. One course total required.

5 ENTREPRENEURSHIP: You may choose to take either Entrepreneurship (RED680-3 credits) or Complex Transactions (RED650-2 or 3 credits), or you may take both.



Advisement Guide

Course Matrix

Part-time (Spring Start, 4 Semesters)

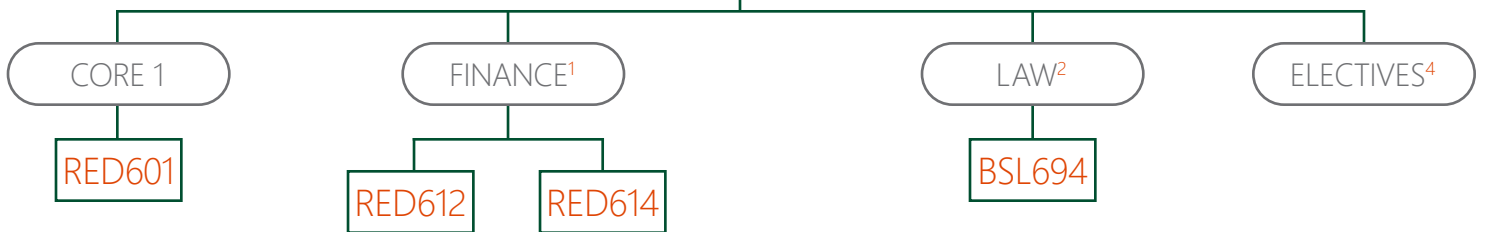
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Spring (Semester 1)



Optional Summer (see below)⁵

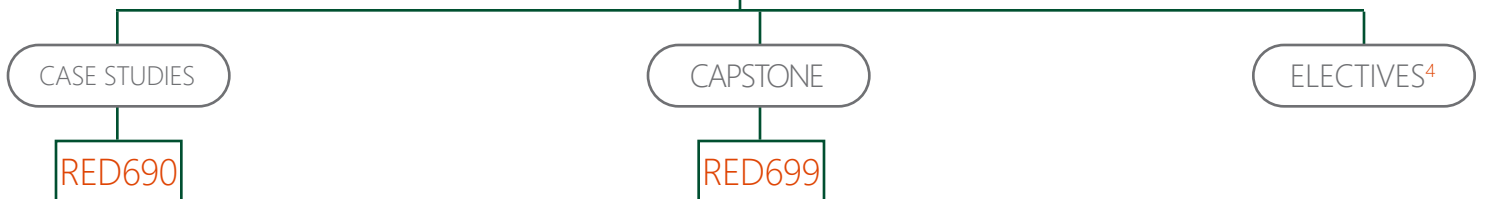
Fall (Semester 2)



Spring (Semester 3)



Summer (Semester 4)



NOTES

¹ FINANCE: With professor approval, students with finance experience may request to test out of RED610. Two courses total required. RED614 may be taken as an elective after successful completion of RED610 and RED612.

^{1a} waivers requests must be approved by program director

² LAW: Students may request an alternative Law course with Director approval. One course (2 credits min) required.

³ CONSTRUCTION: Students may complete RED670 or a 2-3 credit CMA course. One course total required.

⁴ ELECTIVES: Electives vary each semester and year. Elective credits can be fulfilled from one, two and three credit course offerings over the three semesters including study abroad courses involving MRED+U faculty (or approved by the Director). At least 3 elective credits must be ARC or Urban Design credits.

⁵ RED690 may be available during your first summer on a case-by-case basis with professor and Director approval, depending on experience and previous coursework. Minimum requirements to complete during first summer:

1. Completion of either RED 601 or 660
2. Completion of any approved finance course and
3. Completion of at least 9 credits of coursework (equivalent of 1 FT semester load)
4. No outstanding incomplete grades
5. In good academic standing (3.0 gpa min.)



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Advisement Guide

Course Matrix

Part-time (Fall Start, 4 Semesters)

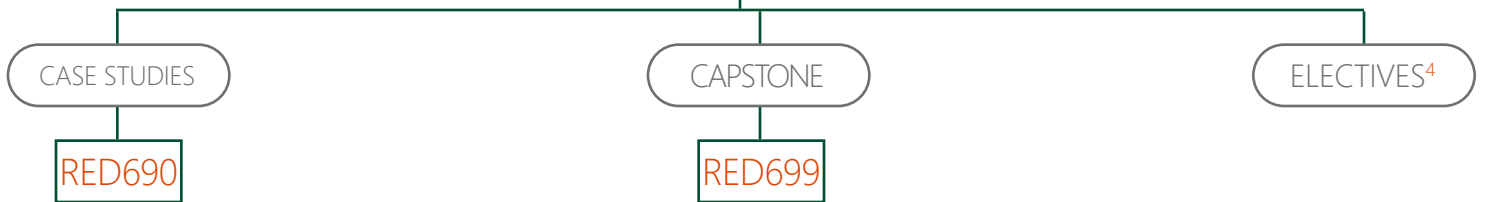
Fall (Semester 1)



Spring (Semester 2)



Summer (Semester 3)



Fall (Semester 4)



NOTES

¹ FINANCE: With professor approval, students with finance experience may request to test out of RED610. Part-time students will be required to complete RED614 in the Semester 4 (Fall).

² LAW: Students may request an alternative Law course with Director approval. One course (2 credits min) required. Law requirement may be completed in either Fall semester.

³ CONSTRUCTION: Students may complete RED670, CMA601 or a 2-3 credit CMA course. One course total required. Construction requirement may be completed in any semester.

⁴ ELECTIVES: Electives vary each semester and year. Elective credits can be fulfilled from one, two and three credit course offerings over the three semesters including study abroad courses involving MRED+U faculty (or approved by the Director). At least 3 elective credits must be ARC or Urban Design credits.



MRED+U

Course Descriptions

Core Requirements

RED 601. Introduction to Real Estate Development and Urbanism

Fundamentals of real estate development of urban places, including the many challenges of the development process such as analyzing market sectors and development opportunities, comprehending the development context of regulation, public policy and politics, raising investment capital, assembling land, program formulation, building types, construction management, marketing, and sales.

Typically Offered: Fall

Credits: 3

Prerequisite: None

RED 610. Financing Urban Real Estate Development

Concepts and techniques for analyzing financial decisions in property development and investment including: real estate economics and investment performance measurement, leasing and property income streams, pro forma analysis, basics of equity and debt valuation, income tax and leverage considerations, mortgages, and deal structures. Emphasis financing individual projects.

Typically Offered: Fall and Spring

Credits: 3

Prerequisite: None

RED612. Applied Real Estate Finance and Investments: Level I

This course builds a foundation for further study of real estate investments and development. This course provides for advanced application of theory and techniques for the analysis of horizontal and vertical development. Discounted cash flow models are developed and enhanced to address topics including multiple property types, staggered sellouts, and condominiums. Emphasis is placed on analysis where extreme data poverty or uncertainty exist.

Typically Offered: Fall and Spring

Credits: 2

Prerequisite: RED610 or Approval from Professor

RED 620/BSL694. Real Estate Law

Fundamentals of law and the entitlement process, including contractual aspects of real estate development, finance, management and ethical issues and a real-world overview of the review and approvals process.

Typically Offered: Fall

Credits: 2

Prerequisite: None

RED 630. Real Estate Market Analysis. 3 Credit Hours.

Identification of critical market factors that determine development opportunities. Topics include business and construction cycles, regional and urban growth trends, commercial and industrial location theories, and advanced demographic analysis and projection techniques to project and analyze occupancy, rental growth, absorption, and competitive supply.

Typically Offered: Fall and Spring

Credits: 3

Prerequisite: None

RED 650. Complex Urban Real Estate Transactions

Real estate transactions and deal structuring from the development perspective. Using the case study method, the course explores the key components and the disciplines needed for successful real estate transactions and projects.

Typically Offered: Spring

Credits: 3

Prerequisite: At least one full semester of MRED+U curriculum

RED 660. Urban Development

Urban Redevelopment builds students' competencies for infill and redevelopment practice focusing on: mixed-use development, transit oriented development, barriers and solutions for urban infill development, urban site analysis, repositioning of urban land, vacant and underutilized properties, long-term land leases, tax incentives, historic preservation, public-private partnerships, business improvement districts, tax increment financing, community (re)development districts, parking strategies, urban housing types, and the public process for urban redevelopment projects.

Typically Offered: Spring

Credits: 3

Prerequisite: RED601 or Approval from Professor

RED 670. Construction and Project Management

Management of construction projects including legal considerations and techniques of management science applied to construction. Includes engineering methods of cost and time estimating, and exercises in applications of engineering economics, flow charts, tracking progress, construction contracts, indemnity agreements, and network planning techniques including CPM and PERT.

Typically Offered: Fall and Spring

Credits: 3

Prerequisite: None

RED 680. Entrepreneurship in Real Estate Development

Focuses on management and business practices for building new urban real estate firms capable of leading the industry and assuming competitive advantages over conventional models.

Typically Offered: Spring

Credits: 3

Prerequisite: At least one full semester of MRED+U curriculum

RED 690. Case Studies in Real Estate Development

Students integrate and apply their learning and skills to complex problem-solving involving a series of intensive real world cases of urban real estate development. Focuses on project feasibility and helps hone the required set of development skills.

Typically Offered: Summer

Credits: 3

Prerequisite: Final semester or Approval from Professor

RED 699. Capstone: Real Estate Development and Urbanism Charrette

An intensive real estate development and urban design studio in which students are part of a multi-disciplinary team on an urban development project. Focuses on comprehensive analysis, project planning, feasibility and program development through the application of advanced development skills in an urban context.

Typically Offered: Summer

Credits: 1-3

Prerequisite: Final semester or Approval from Director



MRED+U

Course Descriptions

Electives

Not all electives are available every semester or academic year. Please see your advisor for current list of electives.

RED 614. Applied Real Estate Finance and Investments: Level II

This course builds a foundation for further study of real estate investments and development. This course provides for advanced application of theory and techniques at the entity and deal-level. Discounted cash flow models are developed and enhanced to address topics including partnerships and waterfalls, income tax considerations and a greater exploration of a variety of public and private debt instruments. Emphasis is placed on analyzing the performance of a prospective development across the entire capital stack.

Typically Offered: Fall and Spring

Credits: 2

Prerequisite: RED610, RED612 and/or Approval from Professor

RED 618. Technologies and Tools for Commercial Real Estate

Students in the Technologies and Tools for Commercial Real Estate will learn basic skills for ARGUS Enterprise, REIS, Co-Star, Real Capital Analytics and/or the latest in Real Estate Technology and Tools. Students will be introduced to concepts of entering leases, budgets, market assumptions or valuation and yield parameters on a repetitive basis. The modules that are covered in the course include Valuation-Cash Flow, Portfolio Level Reporting and Sensitivity. Courses concentrate on practical applications of software and tools through interactive examples and case studies. Participants are exposed to a large cross section of software capabilities, fundamentals and unique nuances.

Typically Offered: Spring

Credits: 0-1

Prerequisite: None

RED 640. Applied Design Skills for Developers

Intensive workshop and training in public outreach and participatory planning with emphasis on analysis of political context, appropriate communication technology, collaboration techniques, and design team management.

Typically Offered: Fall

Credits: 0-1

Prerequisite: None

RED 642. Urbanismus Practicum

This course was developed specifically as an introduction to architecture and urbanism for MRED+U students. Introduction to the lexicon of urbanism; review of greatest intellectual traditions in city design; survey of urban design techniques; inspection of global state of contemporary urbanism and sub-urbanism; review of pertinent literature; examination of case-studies in urbanism and sustainability; exploration and critique of contemporary alternatives; introductory survey course for students with no urban design experience.

Typically Offered: Fall

Credits: 2

Prerequisite: None

Advocacy for Architects: The Art of Approval

This is a multi-disciplinary course intended to prepare practitioners in the real estate development industry with a legal framework of the local government development approval process and the essential tools for developers, architects, and other design professionals to successfully present projects and secure entitlements within the regulatory and design approval process. The course will start with an overview of the legal principles animating the government's regulation of the use and development of land, including federal, state and local laws. The course will introduce students to the elements of successful advocacy, including effective communication with local government staff, preparation for public hearing presentations, public speaking, cross-examination, and emerging trends including impacts of new technology. Steve Wernick is a practicing attorney (Wernick & Co) who teaches this course on the entitlement process for RED and works with major developers throughout South Florida.

Typically Offered: Spring

Credits: 1

Prerequisite: None

Zoning and the Shaping of Cities

Elizabeth Plater-Zyberk, who wrote the Miami21 code, is former U-SoA dean, cofounder of CNU and DPZ.

Typically Offered: Fall

Credits: 1

Prerequisite: None

Retail Placemaking

This course provides an introduction to placemaking with a focus on retail real estate and its impact on communities. Development, architecture, and urban design are all critical elements and will be discussed in the class and evaluated in the field. The course will also identify leadership roles and participants in placemaking, which include developers and investors, architects and urban planners, tenants, and customers. A developer who can match the right concept with the right location can generate substantial profits. Similarly, a well-executed placemaking plan creates value for all the participants in a community. The class will investigate the science of retail leasing and designing an executable placemaking plan.

Emran Ally is a MRED+U alumni with extensive experience in retail with Woolbright Development, Edens, and CBRE.

Typically Offered: Fall

Credits: 1

Prerequisite: None

Approved CMA or ARC Electives (1-3 Credits)

Approved MBS or LAW Elective (1-3 Credits)