REAL ESTATE AND THE BUILT ENVIRONMENT MAJOR

Program Director: Maria Day-Marshall, J.D., LL.M

The major in Real Estate and the Built Environment expands the traditional, narrowly focused, business approach to real estate, finance, investment and management, providing students with broad perspectives that come from the multitude of disciplines that make up the modern practice of real estate. From construction methods and materials to politics and public policy, and from urban planning and design, to transportation, to building and landscape architecture, modern real estate development is a multi-disciplinary practice. The major offers a set of required courses to introduce students to the complexity of real estate and the built environment practice, as well electives in the affiliated fields that impact the Built Environment. The focus is on transformational real estate practice, addressing issues posed by individual and collective decisions about the built environment ranging from social and environmental justice, to climate change, to community identity and heritage.

Program Learning Outcomes

1. Core Concepts of the Real Estate Development Process: Students will demonstrate their knowledge of the core concepts of the real estate development process including its principles, practice and participants. They will demonstrate their basic knowledge of how developers create value by making tangible improvements to real property.

2. Fundamental Legal and Financial Real Estate Concepts: Students will demonstrate their knowledge of real estate financial concepts necessary to read and employ financial statements, income and revenue reports of properties and portfolios, and the ability to explain and undertake a basic real estate pro forma. Students will also demonstrate their knowledge of real estate legal concepts necessary to read and understand legal documents related to real estate.

3. Affiliated Fields Contributing to or Impacting the Built Environment: Students will demonstrate their knowledge of fundamental concepts and terminology necessary to interact and engage the wide variety of fields and professions necessary for successful real estate development. Those fields include architecture, planning, law, construction, public policy and engagement as well as the issues of environmental impacts and sustainability.

4. Professional Skills: Students will demonstrate professional skills as indicated by an ability to: produce effective visual (typically Power Point) presentations, prepare effective documents in business writing style, and undertake effective oral presentation and persuasive communication.

REQUIREMENTS

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>RDEV250</td>
<td>People, Planet, and Profit: Building Sustainable Places</td>
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<tr>
<td>RDEV350</td>
<td>Real Estate Development: Introduction to Principles, Process, and Practice</td>
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<td>RDEV410</td>
<td>(Legal Foundations of Real Estate)</td>
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<td>RDEV415</td>
<td>(Principles, Process and Politics of Planning for Real Estate Development)</td>
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<tr>
<td>RDEV450</td>
<td>Foundations of Real Estate Finance and Investment</td>
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Cognate Required Courses

Select one of the following finance related courses: 2-3

- RDEV270 Tax and Accounting for Real Estate Development
- BMGT210 Foundations of Accounting for Non Business Majors

Select one of the following architecture/design related courses: 3

- ARCH/ RDEV440 (Principles of Urban Design for Real Estate Professionals)
- ARCH/ RDEV445 Visual Analysis of Architecture
- ARCH271 People, Planet, and Profit: Building Sustainable Places

Select one of the following historic preservation courses: 3

- HISP200 The Everyday and the American Environment
- HISP205 (American Idols: Introducing Historic Preservation)

Select one of the following urban planning courses: 3

- URSP250 The Sustainable City: Exploring Opportunities and Challenges
- URSP372 Diversity and the City

Culmination Required Courses

Select three to four credits from among the following courses: 1

- RDEV470 (Real Estate Case Studies)
- RDEV471 (Real Estate Literature)
- RDEV472 (Real Estate Critical Issues)
- RDEV473 (Real Estate Case Study Competition)
- RDEV478 Special Topics in Real Property Development

Electives

Select three of the following courses: 2

- Any Cognate Course not otherwise taken to meet the REBE Cognate Credit Requirements
- AASP101 Public Policy and the Black Community
- AGNR/ PLCY301 Sustainability
- AMST205 Material Aspects of American Life
- AMST207 Contemporary American Cultures
- AMST262 Houses, Schools, and Prisons in American Life
- ARCH101
- ARCH170 Design Thinking and Architecture
- ARCH225 History of World Architecture I
- ARCH226 History of World Architecture II
- ARCH420 History of American Architecture
- ARCH434
- ARCH435 History of Contemporary Architecture
- BMGT313 Financial Statement Analysis
- BMGT345 Foundations of Financial Management for Non Business Majors
- BMGT350 Marketing Principles and Organization
- BMGT382 Marketing and Innovation for Entrepreneurs
- BMGT445 Banking and Financial Institutions
- BMGT461 Entrepreneurship

1. Additional credits are permitted to complete 15 total credits.

2. Additional credits are permitted to complete 9 total credits.
COMM330  Argumentation and Public Policy
COMM385  Influence
COMM425  Negotiation and Conflict Management
ECON200  Principles of Microeconomics
ECON490  Urban & Regional Economics: Issues and Policies
ENCE325  Introduction to Construction Project Management
ENCE420  Selection and Utilization of Construction Equipment
ENCE421  Legal Aspects of Architectural and Engineering Practice
ENCE422  Project Cost Accounting and Economics
ENS330  Introduction to Environmental Law
ENS340  Water: Science, Ethics, and Policy
GVPT260  State and Local Government
GVPT273  Introduction to Environmental Politics
HIST135  Civil Discourse or Urban Riot: Why Cities Don't (Often) Explode
LARC452  Green Infrastructure and Community Greening
LARC461  People and the Environment
MIEH330  Environmental Justice, Racism, and Environmental Health Disparities: How where you live can kill you
MIEH331  The Built Environment, Sustainability, and Public Health: The Good, the Bad, and the Ugly
PHSC430  Public Health in the City: Perspectives on Health in the Urban Environment
PLCY215  Innovation and Social Change: Creating Change for Good
PLCY312  Leading to Get Results
PLCY313  Advocacy in the American Political System
Summer Study Abroad courses as appropriate
Other courses related to Real Estate and the Built Environment as may be approved by the program director

1 Credits required depends on whether a student took RDEV270 (3 credits), or BMGT210 (2 credits)
2 Some courses have prerequisites that a REBE student may have met or not; seats in electives are not assured for REBE students.

FOUR YEAR PLAN

Click here (https://arch.umd.edu/programs/architecture/resources/student-resources/advising/undergraduate-advising/degree-planning/) for roadmaps for four-year plans in the School of Architecture, Planning, and Preservation.

Additional information on developing a four-year academic plan can be found on the following pages:

- 4yearplans.umd.edu (http://4yearplans.umd.edu/)
- the Student Academic Success-Degree Completion Policy (https://academiccatalog.umd.edu/undergraduate/registration-academic-requirements-regulations/academic-advising/) section of this catalog