Professional Practice – Distributional Electives

Description
The M.Arch-1 program prepares its graduates for productive careers in architecture and related design fields. To this end, it is important that students develop a clear understanding of the diverse landscape of contemporary practice and the career avenues open to them when they leave Gund Hall. A broad range of Professional Practice topics are introduced in the required course PRO 7212 Foundations of Practice, including practice management, project management, financial considerations, techniques of leadership, and legal and ethical responsibilities to clients, user groups, and the public. In addition to this foundational course, the M.Arch-1 program requires students to earn a minimum of four (4) credit units in courses designated as Professional Practice (Pro Prac) distributional electives. The distributional elective requirement asks students to investigate in greater depth one or more of the following knowledge areas: the history and theory of practice; design team management and collaboration theory; entrepreneurship and innovation; project delivery; and real estate development and finance. The Pro Prac elective aims to increase students’ critical awareness of both conventional and alternative modes of practice and, by developing one or more specialized areas of knowledge, to provoke decisions about the future role(s) students wish to play in the profession and in the world. By developing knowledge and skills in this arena while in school, young architects learn to integrate professionally focused analytical thinking with other forms of design research they conduct at the GSD.

Archive of Past Approved Courses
*Note: For a course to count towards a requirement, it must be taken in the year that it was listed as valid.*

<table>
<thead>
<tr>
<th>Fall 2020</th>
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<tbody>
<tr>
<td>5204 Real Estate Finance and Development</td>
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<tr>
<td>5206 Land Use and Environmental Law</td>
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<tr>
<td>5212 Field Studies in Real Estate, Planning, and Urban Design: Quantitative Module [M1]</td>
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<tr>
<td>5215 Analytic Methods of Urban Planning: Quantitative Module [M1]</td>
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<td>5216 Analytic Methods of Urban Planning: Qualitative Module [M2]</td>
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<td>7408 Frameworks of Practice</td>
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<td>7420 Innovation in Project Delivery</td>
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<td>7445 Elements of the Urban Stack</td>
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<td>7447 Landscape Practices</td>
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<td>7449 Real Estate Private Equity [M1]</td>
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<td>7450 Real Estate Private Equity [M2]</td>
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<td>15.401 Managerial Finance [MIT]</td>
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<tr>
<td>5103 Public and Private Development</td>
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<td>5275 Advanced Real Estate Finance</td>
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<td>5276 Building and Leading Real Estate Enterprises and Entrepreneurship</td>
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<td>5370 Environment, Economics, and Enterprise</td>
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<td>5490 Affordable and Mixed-Income Housing Development</td>
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<td>7444 Non-Professional Practice</td>
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<td>7447 Landscape Practices</td>
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<td>7448 Products of Practice: From code to plan to code</td>
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<td>6913 Field Course: Arts and Cultural Entrepreneurship (HBS Course)</td>
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<td>5212 Field Studies in Real Estate, Planning, and Urban Design: Minneapolis, MN and Medford, MA.</td>
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<table>
<thead>
<tr>
<th>Instructors</th>
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<tbody>
<tr>
<td>Richard Peiser, Allan Hamilton</td>
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<tr>
<td>Jerold Kayden</td>
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<td>Richard Peiser</td>
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<td>Carole Voulgaris</td>
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<td>Ann Forsyth</td>
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<tr>
<td>Jacob Reidel</td>
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<tr>
<td>Mark Johnson</td>
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<td>Paul Nakazawa, Elizabeth Christoforetti</td>
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<td>Christopher Reed</td>
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<td>Frank Apeseche</td>
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<td>Holly Samuelson, Frank Apeseche</td>
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<td>Edward Marchant</td>
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<td>Oana Stanescu</td>
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<td>Christopher Reed</td>
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<td>Elizabeth Christoforetti</td>
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<tr>
<td>Rohit Deshpande, Henry McGee</td>
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<td>Richard Peiser, Allan Hamilton</td>
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<tr>
<td>Brian Blaesser</td>
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<tr>
<td>Richard Peiser</td>
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<tr>
<td>Michael Hooper</td>
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<td>Ann Forsyth</td>
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Spring 2019
5103 Public and Private Development
5201 Urban Politics and Planning (at HKS)
5275 Advanced Real Estate Finance
5276 Building and Leading Real Estate Enterprises and Entrepreneurship
5370 Environment, Economics, and Enterprise
5490 Affordable and Mixed-Income Housing Development
7444 Non-Professional Practice
7446 Designing with the Urban Stack A Practice Course for Designers of the Built Environment

Fall 2018
5204 Real Estate Finance and Development
5206 Land Use and Environmental Law
5212 Field Studies in Real Estate, Planning, and Urban Design Miami Beach and Boston
5215 Analytic Methods Quantitative (M1)
5216 Analytic Methods Qualitative (M2)
5364 Sustainable Real Estate
5431 Form+Finance the Design of Real Estate
6271 The Innovator's Practice Finding, Building and Leading Good Ideas with Others (at SEAS)

Spring 2018
5103 Public and Private Development
5201 Urban Politics and Planning (at KSG)
5275 Advanced Real Estate Finance
5276 Building and Leading Real Estate Enterprises and Entrepreneurship
5370 Environment, Economics, and Enterprise
5490 Affordable and Mixed-Income Housing Development, Finance, and Management
7443 Scenes of Design, Development, and Disaster
7444 Non-Professional Practice

Fall 2017
3330 Conservation of Older Buildings Techniques and Technics
5204 Real Estate Finance and Development
5206 Land Use and Environmental Law
5212 Field Studies in Real Estate, Planning, and Urban Design Miami Beach and Boston
5215 Analytic Methods of Urban Planning Quantitative
5216 Analytic Methods Qualitative
5364 Sustainable Real Estate
5492 Real Estate Finance and Development Fundamentals for Public... (at HKS)

Spring 2017
5103 Public and Private Development
5201 Urban Politics and Planning (at KSG)
5275 Advanced Real Estate Finance
5276 Building and Leading Real Estate Enterprises and Entrepreneurship
5370 Environment, Economics, and Enterprise
7410 The Architect in History The Evolution of Practice from Renaissance to Present

Jay Wickersham

Spring 2013
6328 In Search of Design through Engineers
Hanif Kara, Andreas Georgoulias

7415 Project Delivery
Richard Jennings

7440 Leading the Design Firm
Richard Jennings, Brian Kenet

Fall 2012
5204 Real Estate Finance and Development
Richard Peiser

7408 Contemporary Frameworks of Practice
Paul Nakazawa 7410

The Architect in History The Evolution of Practice from Renaissance to Present
Jay Wickersham 7411

Design and Development from Concept to Implementation
Andreas Georgoulias

FAS
ES21 The Innovator’s Practice Finding, building and leading good ideas with others
Beth Altringer

Spring 2012
5103 Public and Private Development
Jerold Kayden

5215 Analytic Methods of Urban Planning Quantitative (2 units)
Michael Hooper

5216 Analytic Methods Qualitative (2 units)
Joyce Rosenthal

5303 Advance Real Estate Development and Finance
Richard Peiser

5319 Urbanization and International Development
Michael Hooper

5343 Disaster Field Lab
J. Rosenthal, M. Mazereeuw, C. Werthmann

5430 Public Approvals for Private Development Projects (2 units)
Matthew Kiefer

5431 Building Design Typologies and Operational Principles of Real Estate (2 units)
Bing Wang

5469 Environmental Planning and Sustainable Development...
Joyce Rosenthal

5473 Housing Policy in the United States
Eric Belsky

5489 Real Estate in Frontier Markets
Nicolas Retsinas

5490 Affordable and Mixed-Income Housing Development, Finance, and Management
Edward Marchant

5501 Transforming Cities in Emerging Economies
Diane Davis

6328 In Search of Design through Engineers
Hanif Kara, Andreas Georgoulias

7309 Sustainable Cities Urbanization, Infrastructure, and Finance (2 units)
John Macomber

7409 Real Estate Development, Design, and Construction (2 units)
Macomber, Gordon, Kohn

7440 Leading the Design Firm
Richard Jennings, Brian Kenet

9116 Cultural Tourism in the Al-Turat World Heritage Site, Saudi
Richard Peiser, Bing Wang

Fall 2011
5201 Urban Politics and Planning
Alan Altshuler

5203 Markets and Market Failures
Jose Gomez-Ibanez

5204 Real Estate Finance and Development
Richard Peiser

5206 Planning and Environmental Law
Jerold S. Kayden

5476 Housing Delivery Systems in the United States
James Stockard

5484 Redevelopment Policy
Susan Fainstein

5492 Real Estate Finance and Development Fundamentals
Edward Marchant

7408 Landscape of Contemporary and Anticipatory Practice
Paul Nakazawa

7410 The Architect in History The Evolution of Practice from Renaissance to Present
Jay Wickersham

7411 Design and Development from Concept to Implementation
Andreas Georgoulias

Spring 2011
5103 Public and Private Development
Jerold S. Kayden

5303 Advanced Real Estate Development and Finance and Operational Principles of Real Estate
Richard Peiser 5403M3 Building Design Typologies
Bing Wang

5403M4 Public Approvals for Private Development Projects
Matthew Kiefer

6328 In Search of Design through Engineers
Andreas Georgoulias, Hanif Kara

6331 Building Information Models
Michael Schroeder

7307 Business Strategy, Economics, and Sustainability
John Macomber

7440 Leading the Design Firm
Richard Jennings, Brian Kenet

Fall 2010
5201 Urban Politics, Planning, and Development
Alan Altshuler
Spring 2008

5103 Public and Private Development
5212 Field Studies in Real Estate, Planning & Urban Design ... Lee, MA
5303 Advanced Real Estate Development and Finance
5314 Strategic Planning and Local Development
5403M3 Public Approvals for Private Development Projects
5403M4 Design Typologies and Financial Operation for Urban Developments
The Design of Housing in the United States
6328 In Search of the Engineer
6331 Building Information Models

Fall 2007

5203A Markets and Market Failure
5203B Markets and Market Failure
5204 Real Estate Development and Finance
5480UPD Negotiation and Conflict Resolution in Urban Planning and Design
5476 Housing Delivery Systems in the United States
5713 International Design Practice Business, Law, and Culture
7406 Specifications
7408 A New Framework for Practice
7440 Leading the Design Firm

MIT

MIT 11.345J Entrepreneurship in Construction and Redevelopment
MIT 11.421J/15.426J Real Estate Finance & Investments I Micro-Level Fundamentals

Spring 2007

5203S Markets and Market Failures
5206 Planning and Environmental Law
5212 Field Studies in Real Estate, Planning, and Urban Design
5303 Advanced Real Estate Development and Finance
5314 Strategic Planning and Local Development
5403M3 Public Approvals for Private and Development Projects
5475 The Design of Housing in the United States
7208 Legal Aspects of Design Practice
7222 The Bilbao Guggenheim Museum Topics in Project Management

Fall 2006

5103 Public and Private Development
5203F Markets and Market Failures
5204 Real Estate Development and Finance
5476 Housing Delivery System in the United States
7405 Leading the Design Firm
7406 Specifications
7411 From Concept to Implementation

MIT

MIT 11.345J Entrepreneurship in Construction and Redevelopment

Spring 2006

5103 Public and Private Development
<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor(s)</th>
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<tr>
<td>5212</td>
<td>Field Studies in Real Estate, Planning, and Urban Design</td>
<td>Richard Peiser, Bing Wang</td>
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<td>Spiro Pollalis</td>
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<tr>
<td>HBS 1556</td>
<td>General Management Processes and Action</td>
<td>Michael Roberto</td>
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