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.

Fall 2021
5204 Real Estate Finance and Development
Richard Peiser, Allan Hamilton
5206 Land Use and Environmental Law
Jerold Kayden
5212 Field Studies in Real Estate, Planning, and Urban Design
Richard Peiser
5215 Analytic Methods of Urban Planning: Quantitative Module [M1]
Carole Voulgaris
5216 Analytic Methods of Urban Planning: Qualitative Module [M2]
Ann Forsyth
7408 Frameworks of Practice
Jacob Reidel
7445 Elements of the Urban Stack
Elizabeth Christoforetti
7449 Real Estate Private Equity [M1]
Frank Apeseche
7450 Real Estate Private Equity [M2]
Frank Apeseche
15.401 Managerial Finance [MIT]
Taha Choukhmane

Spring 2021
5103 Public and Private Development
Jerold Kayden
5275 Advanced Real Estate Finance
Frank Apeseche
5276 Building and Leading Real Estate Enterprises and Entrepreneurship
Frank Apeseche
5370 Environment, Economics, and Enterprise
Holly Samuelson, Frank Apeseche
5385 CoDesign Field Lab Black Belt Study for the Green New Deal
Lily Song
5490 Affordable and Mixed-Income Housing Development, Finance, and Management
Edward Marchant
7444 Non-Professional Practice
Oana Stanescu
7448 Products of Practice: From code to plan to code
Elizabeth Christoforetti

Fall 2020
5204 Real Estate Finance and Development
Richard Peiser, Allan Hamilton
5206 Land Use and Environmental Law
Jerold Kayden
5212 Field Studies in Real Estate, Planning, and Urban Design
Richard Peiser
5215 Analytic Methods of Urban Planning: Quantitative Module [M1]
Carole Voulgaris
5216 Analytic Methods of Urban Planning: Qualitative Module [M2]
Ann Forsyth
7408 Frameworks of Practice
Jacob Reidel
7420 Innovation in Project Delivery
Mark Johnson
7445 Elements of the Urban Stack
Paul Nakazawa, Elizabeth Christoforetti
7447 Landscape Practices
Christopher Reed
7449 Real Estate Private Equity [M1]
Frank Apeseche
7450 Real Estate Private Equity [M2]  
15.401 Managerial Finance [MIT]  

Frank Apeseche  
Adrien Verdelhan

Spring 2020
5103 Public and Private Development  
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  
7447 Landscape Practices  
7448 Products of Practice: From code to plan to code  
6913 Field Course: Arts and Cultural Entrepreneurship (HBS Course)  

Adam Tanaka  
Frank Apeseche  
Frank Apeseche  
Holly Samuelson, Frank Apeseche  
Edward Marchant  
Oana Stanescu  
Christopher Reed  
Elizabeth Christoforetti  
Rohit Deshpande, Henry McGee

Fall 2019
5204 Real Estate Finance and Development  
5206 Land Use and Environmental Law  
5212 Field Studies in Real Estate, Planning, and Urban Design: Minneapolis, MN and Medford, MA.  
5215 Analytic Methods of Urban Planning: Quantitative Module  
5216 Analytic Methods of Urban Planning: Qualitative Module  
7408 Frameworks of Practice  
7420 Innovation in Project Delivery  
7445 Elements of the Urban Stack  

Richard Peiser, Allan Hamilton  
Brian Blaesser  
Richard Peiser  
Michael Hooper  
Ann Forsyth  
Paul Nakazawa, Jacob Reidel  
Mark Johnson  
Paul Nakazawa, Elizabeth Christoforetti

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  

Jerold Kayden  
Quinton Mayne  
Frank Apeseche  
Frank Apeseche  
Holly Samuelson, Frank Apeseche  
Edward Marchant  
Oana Stanescu  
Paul Nakazawa

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)  
7408 Frameworks of Practice  
7420 Innovation in Project Delivery  
7445 Elements of the Urban Stack  

Richard Peiser  
Jerold Kayden  
Richard Peiser  
Michael Hooper  
Ann Forsyth  
Jesse Keenan  
Bing Wang  
Beth Altringer  
Paul Nakazawa  
Mark R. Johnson  
Paul Nakazawa

Spring 2018
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  

Jerold Kayden  
Quinton Mayne  
Frank Apeseche  
Frank Apeseche  
Holly Samuelson, Frank Apeseche
<table>
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<tr>
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<th>Course Title</th>
<th>Instructor</th>
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<td>5490</td>
<td>Affordable and Mixed-Income Housing Development, Finance, and Management</td>
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<td>7443</td>
<td>Scenes of Design, Development, and Disaster</td>
<td>Todd Reisz</td>
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<td>Non-Professional Practice</td>
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**Fall 2017**

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<td>Conservation of Older Buildings, Techniques and Technics</td>
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<td>5204</td>
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<td>Land Use and Environmental Law</td>
<td>Jerold Kayden</td>
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<td>Field Studies in Real Estate, Planning, and Urban Design, Miami Beach and Boston</td>
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<td>5215</td>
<td>Analytic Methods of Urban Planning, Quantitative</td>
<td>Michael Hooper</td>
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<td>5216</td>
<td>Analytic Methods, Qualitative</td>
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<td>Edward Marchant</td>
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<td>7408</td>
<td>Frameworks of Contemporary Practice</td>
<td>Paul Nakazawa</td>
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<td>Public and Private Development</td>
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<td>5201</td>
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<td>Building and Leading Real Estate Enterprises and Entrepreneurship</td>
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<td>Environment, Economics, and Enterprise</td>
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<td>5490</td>
<td>Affordable and Mixed-Income Housing Development, Finance, and Management</td>
<td>Edward Marchant</td>
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<td>7416</td>
<td>The Practice as Project</td>
<td>Florian Idenburg</td>
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<td>Paul Nakazawa</td>
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<td>Design Competitions</td>
<td>Jerold Kayden</td>
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Fall 2014
5204 Real Estate Finance and Development
Richard Peiser
5206 Land Use and Environmental Law
Jerold Kayden
6271 The Innovative Practice: Finding, Building, and Leading Good Ideas with Others
Beth Altringer
7408 Contemporary Frameworks of Practice
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7410 The Architect in History: The Evolution of Practice from Renaissance to Present
Jay Wickersham

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5103 Public and Private Development
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6328 In Search of Design through Engineers
Hanif Kara, Andreas Georgoulias
7416 The Practice as Project
Florian Idenburg, Matan Mayer
7417 Design Competitions
Jerold Kayden

Fall 2013
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5206 Land Use and Environmental Law
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6271 The Innovative Practice: Finding, Building, and Leading Good Ideas with Others
Beth Altringer
7408 Contemporary Frameworks of Practice
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7410 The Architect in History: The Evolution of Practice from Renaissance to Present
Jay Wickersham

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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
The Architect in History: The Evolution of Practice from Renaissance to Present
Jay Wickersham
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 Arabia
Richard Peiser, Bing Wang

Fall 2011
5201 Urban Politics and Planning
Alan Altshuler
5203 Markets and Market Failures
5204 Real Estate Finance and Development
5206 Planning and Environmental Law
5476 Housing Delivery Systems in the United States
5484 Redevelopment Policy
5492 Real Estate Finance and Development Fundamentals
7408 Landscape of Contemporary and Anticipatory Practice
7410 The Architect in History The Evolution of Practice from Renaissance to Present
7411 Design and Development from Concept to Implementation

Spring 2011
5103 Public and Private Development
5303 Advanced Real Estate Development and Finance
5403M4 Public Approvals for Private Development Projects
6328 In Search of Design through Engineers
6331 Building Information Models
7307 Business Strategy, Economics, and Sustainability
7440 Leading the Design Firm

Fall 2010
5201 Urban Politics, Planning, and Development
5203A Markets and Market Failure
5203B Markets and Market Failure
5204 Real Estate Development and Finance
5206 Planning and Environmental Law
5476 Housing Delivery Systems in the United States
5484 Redevelopment Policy
5492 Real Estate Finance and Development Fundamentals
7407 Managing the Design Project
7408 A New Framework for Practice
7410 The Architect in History The Evolution of Practice ...Renaissance to the Present
7411 Design and Development from Concept to Implementation

HBS
HBS2166 Operations Strategy

Spring 2010
5203 Public and Private Development
5303 Advanced Real Estate Development and Finance
5403M3 Building Design Typologies and Operational Principles of Real Estate
5475 Design of Housing in the United States
6328 In Search of Design through Engineers
6331 Building Information Models
7222 The Bilbao Guggenheim Museum Topics in Project Management
7307 Strategy, Sustainability, and Finance
7409 (HBS 1461) Real Estate Development, Design, and Construction
7413 Integrated Project Delivery

Fall 2009
3432 Global Redesign Project
5201 Urban Politics, Planning, and Development
5203A Markets and Market Failure
5203B Markets and Market Failure
5204 Real Estate Development and Finance
5206 Planning and Environmental Law
5476 Housing Delivery Systems in the United States
7407 Managing the Design Project
7408 A New Framework for Practice
7410 The Architect in History The Evolution of Practice... Renaissance to the Present

Toshiko Mori
Alan Altshuler
Joseph Kalt
Jose Gomez-Ibanez
Richard Peiser
Brian Blaesser
James Stockard
Richard Peiser
Brian Blaesser
James Stockard
Richard Peiser
Richard Jennings
Paul Nakazawa
Jay Wickersham
Andreas Georgoulias
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

Richard Peiser  
Mona Serageldin  
Matthew Kiefer  
Bing Wan  
Leland Cott  
Carl Sapers  
Spiro Pollalis, Luis Rodriguez

Fall 2006

5103 Public and Private Development  
5203 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

Jerold Kayden  
Joseph Kalt  
Richard Peiser  
James Stockard  
Spiro Pollalis, Brian Kenet  
Mark Kalin  
Spiro Pollalis

MIT  
MIT 11.345J Entrepreneurship in Construction and Redevelopment

Spring 2006

5103 Public and Private Development  
5212 Field Studies in Real Estate, Planning, and Urban Design  
5303 Advance Real Estate Development and Finance  
5473 Housing Policy in the United States The Intersection of the Public  
5475M3 The Design of Housing in the United States  
7208 Legal Aspects of Design Practice  
7213 International Design Practice Business, Law, and Culture  
7222 The Bilbao Guggenheim Museum

Jerold Kayden  
Richard Peiser, Bing Wang  
Richard Peiser  
Eric Belsky, Nicolas Retsinas  
Leland Cott  
Carl Sapers  
Jay Wickersham  
Spiro Pollalis, Luis Rodriguez

Fall 2005

5203 Markets and Market Failures  
5204 Real Estate Finance and Development  
5206 Planning and Environmental Law  
5476M2 The Housing Delivery System in the United States  
7301 Internet and Architecture  
7305 Strategic Management in Design and Construction  
7404 Entrepreneurship  
7411 From Concept to Implementation  
HBS 1556 General Management Processes and Action

Jose Gomez-Ibanez  
Richard Peiser  
Jay Wickersham  
James Stockard  
Jeffrey Huang  
John Macomber  
Joe MacDonald  
Spiro Pollalis  
Michael Roberto