DISTRIBUTIONAL ELECTIVE IN PROFESSIONAL PRACTICE - ARCHIVE

Courses that fulfilled the professional practice elective requirement for MArch I students

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 Issues in Architectural Practice and Ethics (GSD-7212), 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.

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

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 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

Jerold Kayden  
Joseph Kalt  
Richard Peiser  
James Stockard
DISTRIBUTIONAL ELECTIVE IN PROFESSIONAL PRACTICE - ARCHIVE

Courses that fulfilled the professional practice elective requirement for MArch I students

7405: Leading the Design Firm  Spiro Pollalis, Brian Kenet
7406: Specifications  Mark Kalin
7411: From Concept to Implementation  Spiro Pollalis

MIT
MIT 11.345J: Entrepreneurship in Construction and Redevelopment

SPRING 2007

5203S: Markets and Market Failures  Jose Gomez-Ibanez
5206: Planning and Environmental Law  Brian Blaesser
5212: Field Studies in Real Estate, Planning, and Urban Design  Richard Peiser
5303: Advanced Real Estate Development and Finance  Mona Serageldin
5314: Strategic Planning and Local Development  Matthew Kiefer
5403M3: Public Approvals for Private and Development Projects  Bing Wang
5475: The Design of Housing in the United States  Leland Cott
7208: Legal Aspects of Design Practice  Carl Sapers
7222: The Bilbao Guggenheim Museum: Topics in Project Management  Spiro Pollalis, Luis Rodriguez

FALL 2007

5203A: Markets and Market Failure  Joseph Kalt
5203B: Markets and Market Failure  Jose Gomez-Ibanez
5204: Real Estate Development and Finance  Richard Peiser
5480UPD: Negotiation and Conflict Resolution in Urban Planning and Design  James Kostaras
5476: Housing Delivery Systems in the United States  James Stockard
7213: International Design Practice: Business, Law, and Culture  Jay Wickersham
7406: Specifications  Mark Kalin
7408: A New Framework for Practice  Paul Nakazawa
7440: Leading the Design Firm  Brian Kenet

MIT
MIT 11.345J: Entrepreneurship in Construction and Redevelopment  John Kennedy

SPRING 2008

5103: Public and Private Development  Jerold S. Kayden
5212: Field Studies in Real Estate, Planning & Urban Design ... Lee, MA  Richard Peiser, Bing Wang
5303: Advanced Real Estate Development and Finance  Richard Peiser
5314: Strategic Planning and Local Development  Mona Serageldin
5403M3: Public Approvals for Private Development Projects  Matthew Kiefer
5403M4: Design Typologies and Financial Operation for Urban Developments  Bing Wang
5475: The Design of Housing in the United States  Lee Cott
DISTRIBUTIONAL ELECTIVE IN PROFESSIONAL PRACTICE - ARCHIVE

Courses that fulfilled the professional practice elective requirement for MArch I students

6328: In Search of the Engineer  Hanif Kara, Andreas Georgoulias
6331: Building Information Models  Michael Schroeder

FALL 2008

5201: Urban Politics, Planning, and Development  Alan Altshuler
5203B: Markets and Market Failure  Jose Gomez-Ibanez
5204: Real Estate Development and Finance  Richard Peiser
5206: Planning and Environmental Law  Brian Blaesser
5476: Housing Delivery Systems in the United States  James Stockard
5484: Redevelopment Policy  Susan Fainstein
7213: International Design Practice: Business, Law, and Culture  Jay Wickersham
7406: Specifications  Mark Kalin
7408: A New Framework for Practice  Paul Nakazawa
7411: Design and Development: from Concept to Implementation  Spiro Pollalis, Andreas Georgoulias
7440: Leading the Design Firm  Brian Kenet, Spiro Pollalis
HBS 2166: Operations Strategy  Robert S. Huckman, Daniel C. Snow

SPRING 2009

5103: Public and Private Development  Jerold S. Kayden
5303: Advanced Real Estate Development and Finance  Frank Apeseche, Glenn Mueller
5403M3: Public Approvals for Private Development Projects  Matthew Kiefer
5403M4: Building Design and Planning Typologies  Bing Wang
5475: Design of Housing in the United States  Leland Cott
6328: In Search of Engineer  Andreas Georgoulias, Hanif Kara
6331: Building Information Models  Michael Schroeder
7307: Strategy, Sustainability, and Finance  John Macomber
7407: Managing the Design Project  Richard Jennings

FALL 2009

3432: Global Redesign Project  Toshiko Mori
5201: Urban Politics, Planning, and Development  Alan Altshuler
5203A: Markets and Market Failure  Joseph Kalt
5203B: Markets and Market Failure  Jose Gomez-Ibanez
5204: Real Estate Development and Finance  Richard Peiser
5206: Planning and Environmental Law  Brian Blaesser
5476: Housing Delivery Systems in the United States  James Stockard
7407: Managing the Design Project  Richard Jennings
7408: A New Framework for Practice  Paul Nakazawa
### DISTRIBUTIONAL ELECTIVE IN PROFESSIONAL PRACTICE - ARCHIVE

Courses that fulfilled the professional practice elective requirement for MArch I students

#### 7410: The Architect in History: The Evolution of Practice... Renaissance to the Present
- Jay Wickersham

#### 7411: Design and Development: from Concept to Implementation
- Andreas Georgoulis, Spiro Pollalis

#### 7440: Leading the Design Firm
- A. Georgoulis, R. Jennings, B. Kenet

#### HBS

- HBS2166: Operations Strategy
- Robert S. Huckman, Daniel C. Snow

### SPRING 2010

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5103</td>
<td>Public and Private Development</td>
<td>Brian W. Blaesser</td>
</tr>
<tr>
<td>5303</td>
<td>Advanced Real Estate Development and Finance</td>
<td>Frank Apeseche, Glen Mueller</td>
</tr>
<tr>
<td>5403M3</td>
<td>Building Design Typologies and Operational Principles of Real Estate</td>
<td>Bing Wang</td>
</tr>
<tr>
<td>5475</td>
<td>Design of Housing in the United States</td>
<td>Andreas Georgoulis, Hanif Kara</td>
</tr>
<tr>
<td>6328</td>
<td>In Search of Design through Engineers</td>
<td>Michael Schroeder</td>
</tr>
<tr>
<td>6331</td>
<td>Building Information Models</td>
<td>Spiro Pollalis, Luis Rodriguez</td>
</tr>
<tr>
<td>7222</td>
<td>The Bilbao Guggenheim Museum: Topics in Project Management</td>
<td>John Macomber</td>
</tr>
<tr>
<td>7307</td>
<td>Strategy, Sustainability, and Finance</td>
<td>J. Macomber, E. Kohn, C. Gordon</td>
</tr>
<tr>
<td>7409</td>
<td>Real Estate Development, Design, and Construction</td>
<td>Richard Jennings</td>
</tr>
</tbody>
</table>

### FALL 2010

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5201</td>
<td>Urban Politics, Planning, and Development</td>
<td>Alan Altshuler</td>
</tr>
<tr>
<td>5203A</td>
<td>Markets and Market Failure</td>
<td>Joseph Kalt</td>
</tr>
<tr>
<td>5203B</td>
<td>Markets and Market Failure</td>
<td>Jose Gomez-Ibanez</td>
</tr>
<tr>
<td>5204</td>
<td>Real Estate Development and Finance</td>
<td>Richard Peiser</td>
</tr>
<tr>
<td>5206</td>
<td>Planning and Environmental Law</td>
<td>Brian Blaesser</td>
</tr>
<tr>
<td>5476</td>
<td>Housing Delivery Systems in the United States</td>
<td>James Stockard</td>
</tr>
<tr>
<td>5484</td>
<td>Redevelopment Policy</td>
<td>Susan Fainstein</td>
</tr>
<tr>
<td>5492</td>
<td>Real Estate Finance and Development Fundamentals</td>
<td>Edward Marchant</td>
</tr>
<tr>
<td>7407</td>
<td>Managing the Design Project</td>
<td>Richard Jennings</td>
</tr>
<tr>
<td>7408</td>
<td>A New Framework for Practice</td>
<td>Paul Nakazawa</td>
</tr>
<tr>
<td>7410</td>
<td>The Architect in History: The Evolution of Practice ...Renaissance to the Present</td>
<td>Jay Wickersham</td>
</tr>
<tr>
<td>7411</td>
<td>Design and Development: from Concept to Implementation</td>
<td>Andreas Georgoulis, Spiro Pollalis</td>
</tr>
</tbody>
</table>

#### HBS

- HBS2166: Operations Strategy
  - Robert S. Huckman, Daniel C. Snow

### SPRING 2011

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5103</td>
<td>Public and Private Development</td>
<td>Jerold S. Kayden</td>
</tr>
<tr>
<td>5303</td>
<td>Advanced Real Estate Development and Finance</td>
<td>Richard Peiser</td>
</tr>
<tr>
<td>5403M3</td>
<td>Building Design Typologies and Operational Principles of Real Estate</td>
<td>Bing Wang</td>
</tr>
</tbody>
</table>
DISTRIBUTIONAL ELECTIVE IN PROFESSIONAL PRACTICE - ARCHIVE

Courses that fulfilled the professional practice elective requirement for MArch I students

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 2011

05201: Urban Politics and Planning
Alan Altshuler

05203: Markets and Market Failures
Jose Gomez-Ibanez

05204: Real Estate Finance and Development
Richard Peiser

05206: Planning and Environmental Law
Jerold S. Kayden

05476: Housing Delivery Systems in the United States
James Stockard

05484: Redevelopment Policy
Susan Fainstein

05492: Real Estate Finance and Development Fundamentals
Edward Marchant

07408: Landscape of Contemporary and Anticipatory Practice
Paul Nakazawa

07411: Design and Development: from Concept to Implementation
Andreas Georgoulias

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
# DISTRIBUTIONAL ELECTIVE IN PROFESSIONAL PRACTICE - ARCHIVE

*Courses that fulfilled the professional practice elective requirement for MArch I students*

## FALL 2012

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>05204</td>
<td>Real Estate Finance and Development</td>
<td>Richard Peiser</td>
</tr>
<tr>
<td>07408</td>
<td>Contemporary Frameworks of Practice</td>
<td>Paul Nakazawa</td>
</tr>
<tr>
<td>07410</td>
<td>The Architect in History: The Evolution of Practice from Renaissance to Present</td>
<td>Jay Wickersham</td>
</tr>
<tr>
<td>07411</td>
<td>Design and Development: from Concept to Implementation</td>
<td>Andreas Georgoulias</td>
</tr>
</tbody>
</table>

**FAS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES21</td>
<td>The Innovator’s Practice: Finding, building and leading good ideas with others</td>
<td>Beth Altringer</td>
</tr>
</tbody>
</table>

## SPRING 2013

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>06328</td>
<td>In Search of Design through Engineers</td>
<td>Hanif Kara, Andreas Georgoulias</td>
</tr>
<tr>
<td>07415</td>
<td>Project Delivery</td>
<td>Richard Jennings</td>
</tr>
<tr>
<td>07440</td>
<td>Leading the Design Firm</td>
<td>Richard Jennings, Brian Kenet</td>
</tr>
</tbody>
</table>

## FALL 2013

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>05204</td>
<td>Real Estate Finance and Development</td>
<td>Richard Peiser</td>
</tr>
<tr>
<td>05206</td>
<td>Land Use and Environmental Law</td>
<td>Jerold Kayden</td>
</tr>
<tr>
<td>06271</td>
<td>The Innovative Practice: Finding, Building and Leading Good Ideas with Others (at SEAS)</td>
<td>Beth Altringer</td>
</tr>
<tr>
<td>07408</td>
<td>Contemporary Frameworks of Practice</td>
<td>Paul Nakazawa</td>
</tr>
<tr>
<td>07410</td>
<td>The Architect in History: The Evolution of Practice from Renaissance to Present</td>
<td>Jay Wickersham</td>
</tr>
</tbody>
</table>

## SPRING 2014

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>05103</td>
<td>Public and Private Development</td>
<td>Jerold Kayden</td>
</tr>
<tr>
<td>06328</td>
<td>In Search of Design through Engineers</td>
<td>Hanif Kara, Andreas Georgoulias</td>
</tr>
<tr>
<td>07416</td>
<td>The Practice as Project</td>
<td>Florian Idenburg, Matan Mayer</td>
</tr>
<tr>
<td>07417</td>
<td>Design Competitions</td>
<td>Jerold Kayden</td>
</tr>
</tbody>
</table>

## Fall 2014

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>05204</td>
<td>Real Estate Finance and Development</td>
<td>Richard Peiser</td>
</tr>
<tr>
<td>05206</td>
<td>Land Use and Environmental Law</td>
<td>Jerold Kayden</td>
</tr>
<tr>
<td>06271</td>
<td>The Innovative Practice: Finding, Building and Leading Good Ideas with Others</td>
<td>Beth Altringer</td>
</tr>
<tr>
<td>07408</td>
<td>Contemporary Frameworks of Practice</td>
<td>Paul Nakazawa</td>
</tr>
<tr>
<td>07410</td>
<td>The Architect in History: The Evolution of Practice from Renaissance to Present</td>
<td>Jay Wickersham</td>
</tr>
</tbody>
</table>

## Spring 2015

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>05103</td>
<td>Public and Private Development</td>
<td>Jerold Kayden</td>
</tr>
<tr>
<td>05370</td>
<td>Environment, Economics, and Enterprise</td>
<td>H. Samuelson, F. Apeseche</td>
</tr>
<tr>
<td>06328</td>
<td>In search of Design through Engineers</td>
<td>A. Georgoulias, H. Kara</td>
</tr>
<tr>
<td>07417</td>
<td>Design Competitions</td>
<td>Jerold Kayden</td>
</tr>
<tr>
<td>07420</td>
<td>Innovation in Project Delivery</td>
<td>Mark R. Johnson</td>
</tr>
<tr>
<td>05405</td>
<td>Global Leadership in Real Estate and Design</td>
<td>Bing Wang, Eugene Kohn</td>
</tr>
<tr>
<td>05275 [M3]:</td>
<td>Advanced Real Estate Finance</td>
<td>Richard Peiser</td>
</tr>
</tbody>
</table>
Courses that fulfilled the professional practice elective requirement for MArch I students

Fall 2015
05204: Real Estate Finance and Development  Richard Peiser
05206: Land Use and Environmental Law  David Karnovsky
06271: The Innovative Practice: Finding, Building, and Leading Good Ideas with Others  Beth Altringer
07408: Frameworks of Contemporary Practice  Paul Nakazawa
07420: Innovation in Project Delivery  Mark R. Johnson
05492: Real Estate Finance and Development Fundamentals for Public and Private... (at HKS)  Edward Marchant

Spring 2016
05103: Public and Private Development  Laura Wolf-Powers
05370: Environment, Economics, and Enterprise  Samuelson, Apesche
06328: Interdisciplinary Design Practice  Kara, Georgoulias
05275 [M3]: Advanced Real Estate Finance  Richard Peiser
05276: [M4]: Building and Leading Real Estate Enterprises and Entrepreneurship  Frank Apesche

Fall 2016
05204: Real Estate Finance and Development  Richard Peiser
05206: Land Use and Environmental Law  Jerold Kayden
05212: Field Studies in Real Estate, Planning, and Urban Design: Miami Beach and Boston  Richard Peiser
05215: Analytic Methods of Urban Planning: Quantitative  Michael Hooper
05216: Analytic Methods: Qualitative  Ann Forsyth
05364: Sustainable Real Estate  Jesse Keenan
05431: Form+Finance: the Design of Real Estate  Wang, Gamble
05492: Real Estate Finance and Development Fundamentals for Public... (at HKS)  Edward Marchant
06271: The Innovative Practice: Finding, Building, and Leading Good Ideas with Others  Beth Altringer
07408: Frameworks of Contemporary Practice  Paul Nakazawa
07420: Innovation in Project Delivery  Mark R. Johnson

Spring 2017
This listing is subject to change pending course offerings
05103: Public and Private Development  Jerold Kayden
05201: Urban Politics and Planning (at KSG)  Quinton Mayne
05275: Advanced Real Estate Finance  Frank Apesche
05276: Building and Leading Real Estate Enterprises and Entrepreneurship  Frank Apeseche
05370: Environment, Economics, and Enterprise  Frank Apesche
05490: Affordable and Mixed-Income Housing Development, Finance, and Management  Edward Marchant
07416: The Practice as Project  Florian Idenburg