Professional Practice

Distributional Area 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 *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.

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.*

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

**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 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 Apeseche

**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
Professional Practice

07420: Innovation in Project Delivery
Mark R. Johnson

05492: Real Estate Finance and Development Fundamentals for Public and Private... (at HKS)
Edward Marchant

Spring 2015

05103: Public and Private Development
Jerold Kayden

05370: Environment, Economics, and Enterprise
H. Samuelson, F. Apeseche

06328: In search of Design through Engineers
A. Georgoulias, H. Kara

07417: Design Competitions
Jerold Kayden

07420: Innovation in Project Delivery
Mark R. Johnson

05405: Global Leadership in Real Estate and Design
Bing Wang, Eugene Kohn

05275 [M3]: Advanced Real Estate Finance
Richard Peiser

05276 [M4]: Building and Leading Real Estate Enterprises and Entrepreneurship
Frank Apeseche

Fall 2014

05204: Real Estate Finance and Development
Richard Peiser

05206: Land Use and Environmental Law
Jerold Kayden

06271: The Innovative Practice: Finding, Building, and Leading Good Ideas with Others
Beth Altringer

07408: Contemporary Frameworks of Practice
Paul Nakazawa

07410: The Architect in History: The Evolution of Practice from Renaissance to Present
Jay Wickersham

Spring 2014

05103: Public and Private Development
Jerold Kayden

06328: In Search of Design through Engineers
Hanif Kara, Andreas Georgoulias

07416: The Practice as Project
Florian Idenburg, Matan Mayer

07417: Design Competitions
Jerold Kayden

Fall 2013

05204: Real Estate Finance and Development
Richard Peiser

05206: Land Use and Environmental Law
Jerold Kayden

06271: The Innovative Practice: Finding, Building and Leading Good Ideas with Others (at SEAS)
Beth Altringer

07408: Contemporary Frameworks of Practice
Paul Nakazawa

07410: The Architect in History: The Evolution of Practice from Renaissance to Present
Jay Wickersham

Spring 2013

06328: In Search of Design through Engineers
Hanif Kara, Andreas Georgoulias

07415: Project Delivery
Richard Jennings

07440: Leading the Design Firm
Richard Jennings, Brian Kenet

Fall 2012

05204: Real Estate Finance and Development
Richard Peiser

07408: Contemporary Frameworks of Practice
Paul Nakazawa

07410: The Architect in History: The Evolution of Practice from Renaissance to Present
Jay Wickersham

07411: 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
Professional Practice

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
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
07410: The Architect in History: The Evolution of Practice from Renaissance to Present  Jay Wickersham
07411: 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  Richard Peiser
5403M3: Building Design Typologies and Operational Principles of Real Estate  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
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
5484: Redevelopment Policy  Susan Fainstein
5492: Real Estate Finance and Development Fundamentals  Edward Marchant
7407: Managing the Design Project  Richard Jennings
7408: A New Framework for Practice  Paul Nakazawa
7410: The Architect in History: The Evolution of Practice ...Renaissance to the Present  Jay Wickersham
7411: Design and Development: from Concept to Implementation  Andreas Georgoulias, Spiro Pollalis

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

SPRING 2010
5103: Public and Private Development  Brian W. Blaesser
5303: Advanced Real Estate Development and Finance  Frank Apeseche, Glen Mueller
5403M3: Building Design Typologies and Operational Principles of Real Estate  Bing Wang
Professional Practice

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

Leland Cott

Andreas Georgoulis, Hanif Kara

Michael Schroeder

Spiro Pollalis, Luis Rodriguez

John Macomber

J. Macomber, E. Kohn, C. Gordon

Richard Jennings

FALL 2009

3432: Global Redesign Project

Toshiko Mori

5201: Urban Politics, Planning, and Development

Alan Altshuler

5203A: Markets and Market Failure

Josep 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

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

A. Georgoulis, R. Jennings, B. Kenet

7440: Leading the Design Firm

HBS

HBS2166: 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 Georgoulis, Hanif Kara

6331: Building Information Models

Michael Schroeder

7307: Strategy, Sustainability, and Finance

John Macomber

7407: Managing the Design Project

Richard Jennings

HBS 1461: Real Estate Development, Design, and Construction

E. Kohn, J. Macomber, C. Gordon

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 Georgoulis

7440: Leading the Design Firm

HBS 2166: Operations Strategy

Brian Kenet, Spiro Pollalis

Robert S. Huckman, Daniel C. Snow

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
Professional Practice

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

6328: In Search of the Engineer
Hanif Kara, Andreas Georgoulias

6331: Building Information Models
Michael Schroeder

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

5408UPD: Negotiation and Conflict Resolution in Urban Planning and Design
James Kostaratas

5476: Housing Delivery Systems in the United States
James Stockard

7213: International Design Practice: Business, Law, and Culture
Jay Wickerson

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

David Geltner

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 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 2006

5103: Public and Private Development
Jerold Kayden

5203F: Markets and Market Failures
Joseph Kalt

5204: Real Estate Development and Finance
Richard Peiser

5476: Housing Delivery Systems in the United States
James Stockard

7405: Leading the Design Firm
Spiro Pollalis, Brian Kenet

7411: From Concept to Implementation
Mark Kalin

MIT

MIT 11.345J: Entrepreneurship in Construction and Redevelopment

SPRING 2006

5103: Public and Private Development
Jerold Kayden

5204: Real Estate Development and Finance
Richard Peiser, Bing Wang

5303: Advance Real Estate Development and Finance
Richard Peiser

5473: Housing Policy in the United States: The Intersection of the Public
Eric Belsky, Nicolas Retsinas

5475M3: The Design of Housing in the United States
Leland Cott

7208: Legal Aspects of Design Practice
Carl Sapers

7213: International Design Practice: Business, Law, and Culture
Jay Wickerson

7222: The Bilbao Guggenheim Museum
Spiro Pollalis, Luis Rodriguez
Professional Practice

**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