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 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 2018
05103: Public and Private Development
05201: Urban Politics and Planning (at HKS)
05275: Advanced Real Estate Finance
05276: Building and Leading Real Estate Enterprises and Entrepreneurship
05370: Environment, Economics, and Enterprise
05490: Affordable and Mixed-Income Housing Development, Finance, and Management
07443: Scenes of Design, Development, and Disaster
07444: Non-Professional Practice

Fall 2017
03330: Conservation of Older Buildings: Techniques and Technics
05204: Real Estate Finance and Development
05206: Land Use and Environmental Law
05212: Field Studies in Real Estate, Planning, and Urban Design: Miami Beach and Boston
05215: Analytic Methods of Urban Planning: Quantitative
05216: Analytic Methods: Qualitative
05364: Sustainable Real Estate
05492: Real Estate Finance and Development Fundamentals for Public... (at HKS)
07408: Frameworks of Contemporary Practice
07420: Innovation in Project Delivery

Spring 2017
05103: Public and Private Development
05201: Urban Politics and Planning (at KSG)
05275: Advanced Real Estate Finance
05276: Building and Leading Real Estate Enterprises and Entrepreneurship
05370: Environment, Economics, and Enterprise
05490: Affordable and Mixed-Income Housing Development, Finance, and Management
07416: The Practice as Project

Fall 2016

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05204: Real Estate Finance and Development
05206: Land Use and Environmental Law
05212: Field Studies in Real Estate, Planning, and Urban Design: Miami Beach and Boston
05215: Analytic Methods of Urban Planning: Quantitative
05216: Analytic Methods: Qualitative
05364: Sustainable Real Estate
05431: Form+Finance: the Design of Real Estate
05492: Real Estate Finance and Development Fundamentals for Public... (at HKS)
06271: The Innovative Practice: Finding, Building, and Leading Good Ideas with Others
07408: Frameworks of Contemporary Practice
07420: Innovation in Project Delivery

Spring 2016
05103: Public and Private Development
05370: Environment, Economics, and Enterprise
06328: Interdisciplinary Design Practice
05275 [M3]: Advanced Real Estate Finance
05276: [M4]: Building and Leading Real Estate Enterprises and Entrepreneurship

Spring 2015
05103: Public and Private Development
05370: Environment, Economics, and Enterprise
06328: In search of Design through Engineers
07417: Design Competitions
07420: Innovation in Project Delivery
05405: Global Leadership in Real Estate and Design
05275 [M3]: Advanced Real Estate Finance
05276: [M4]: Building and Leading Real Estate Enterprises and Entrepreneurship

Spring 2014
05103: Public and Private Development
06328: In Search of Design through Engineers
07416: The Practice as Project
07417: Design Competitions

Spring 2013
05103: Public and Private Development
05204: Real Estate Finance and Development
05206: Land Use and Environmental Law

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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
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

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

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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
5475: Design of Housing in the United States Leland Cott
6328: In Search of Design through Engineers Andreas Georgoulias, Hanif Kara
6331: Building Information Models Michael Schroeder
7222: The Bilbao Guggenhein Museum: Topics in Project Management Spiro Pollalis, Luis Rodriguez
7307: Strategy, Sustainability, and Finance John Macomber
7413 Integrated Project Delivery 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
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
7440: Leading the Design Firm A. Georgoulias, R. Jennings, B. Kenet
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

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Professional Practice

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 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 Wickershame
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 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
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
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 Wickershame
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 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

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Professional Practice

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 System in the United States
    Jay Wickersham, Nicolas Retsinas

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 2006

5103: Public and Private Development
    Jerold Kayden

5212: Field Studies in Real Estate, Planning, and Urban Design
    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 Wickersham

7222: The Bilbao Guggenheim Museum
    Spiro Pollalis, Luis Rodriguez

FALL 2005

5203: Markets and Market Failures
    Jose Gomez-Ibanez

5204: Real Estate Finance and Development
    Richard Peiser

5206: Planning and Environmental Law
    Jay Wickersham

5476M2: The Housing Delivery System in the United States
    James Stockard

7301: Internet and Architecture
    Jeffrey Huang

7305: Strategic Management in Design and Construction
    John Macomber

7404: Entrepreneurship
    Joe MacDonald

7411: From Concept to Implementation
    Spiro Pollalis

HBS 1556: General Management: Processes and Action
    Michael Roberto

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