

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.

Spring 2023

5438 Designer Developer	Weijia Song
5442 New Towns and Affordable Housing Development in Africa	Richard Peiser
5490 Affordable and Mixed-Income Housing Development, Finance, and Management	Edward Marchant
6385 Automation in Practice: Building the future of Architecture(s), Engineering, and Construction	Nathan King
7444 Non-Professional Practice	Oana Stanescu
7448 Products of Practice: From code to plan to code	Elizabeth Christoforetti
7452 International Real Estate and Urban Developments	Bing Wang

Fall 2022

4485 Race and Gender: Landscape Architecture as Practice, Profession, and Discipline	Thaisa Way
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

Spring 2022

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
5438 Designer Developer	Weijia Song
5490 Affordable and Mixed-Income Housing Development, Finance, and Management	Edward Marchant
6385 Automation in Practice: Building the future of Architecture(s), Engineering, and Construction	Nathan King
7448 Products of Practice: From code to plan to code	Elizabeth Christoforetti

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
 5215 Analytic Methods of Urban Planning: Quantitative Module [M1]
 5216 Analytic Methods of Urban Planning: Qualitative Module [M2]
 7408 Frameworks of Practice
 7445 Elements of the Urban Stack
 7449 Real Estate Private Equity [M1]
 7450 Real Estate Private Equity [M2]
 15.401 Managerial Finance [MIT]

Richard Peiser
 Carole Voulgaris
 Ann Forsyth
 Jacob Reidel
 Elizabeth Christoforetti
 Frank Apeseche
 Frank Apeseche
 Taha Choukhmane

Spring 2021

5103 Public and Private Development
 5275 Advanced Real Estate Finance
 5276 Building and Leading Real Estate Enterprises and Entrepreneurship
 5370 Environment, Economics, and Enterprise
 5385 CoDesign Field Lab Black Belt Study for the Green New Deal
 5490 Affordable and Mixed-Income Housing Development, Finance, and Management
 7444 Non-Professional Practice
 7448 Products of Practice: From code to plan to code

Jerold Kayden
 Frank Apeseche
 Frank Apeseche
 Holly Samuelson, Frank Apeseche
 Lily Song
 Edward Marchant
 Oana Stanescu
 Elizabeth Christoforetti

Fall 2020

5204 Real Estate Finance and Development
 5206 Land Use and Environmental Law
 5212 Field Studies in Real Estate, Planning, and Urban Design
 5215 Analytic Methods of Urban Planning: Quantitative Module [M1]
 5216 Analytic Methods of Urban Planning: Qualitative Module [M2]
 7408 Frameworks of Practice
 7420 Innovation in Project Delivery
 7445 Elements of the Urban Stack

 7447 Landscape Practices
 7449 Real Estate Private Equity [M1]
 7450 Real Estate Private Equity [M2]
 15.401 Managerial Finance [MIT]

Richard Peiser, Allan Hamilton
 Jerold Kayden
 Richard Peiser
 Carole Voulgaris
 Ann Forsyth
 Jacob Reidel
 Mark Johnson
 Paul Nakazawa, Elizabeth Christoforetti
 Christopher Reed
 Frank Apeseche
 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	Jerold Kayden
5201 Urban Politics and Planning (at HKS)	Quinton Mayne
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
5490 Affordable and Mixed-Income Housing Development	Edward Marchant
7444 Non-Professional Practice	Oana Stanescu
7446 Designing with the Urban Stack A Practice Course for Designers of the Built Environment	Paul Nakazawa

Fall 2018

5204 Real Estate Finance and Development	Richard Peiser
5206 Land Use and Environmental Law	Jerold Kayden
5212 Field Studies in Real Estate, Planning, and Urban Design Miami Beach and Boston	Richard Peiser
5215 Analytic Methods Quantitative (M1)	Michael Hooper
5216 Analytic Methods Qualitative (M2)	Ann Forsyth
5364 Sustainable Real Estate	Jesse Keenan
5431 Form+Finance the Design of Real Estate	Bing Wang
6271 The Innovator's Practice Finding, Building and Leading Good Ideas with Others (at SEAS)	Beth Altringer
7408 Frameworks of Practice	Paul Nakazawa
7420 Innovation in Project Delivery	Mark R. Johnson
7445 Elements of the Urban Stack	Paul Nakazawa

Spring 2018

5103 Public and Private Development	Jerold Kayden
5201 Urban Politics and Planning (at HKS)	Quinton Mayne
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
5490 Affordable and Mixed-Income Housing Development, Finance, and Management	Edward Marchant
7443 Scenes of Design, Development, and Disaster	Todd Reisz
7444 Non-Professional Practice	Oana Stanescu

Fall 2017

3330 Conservation of Older Buildings Techniques and Technics	Robert Silman
5204 Real Estate Finance and Development	Richard Peiser
5206 Land Use and Environmental Law	Jerold Kayden
5212 Field Studies in Real Estate, Planning, and Urban Design Miami Beach and Boston	Richard Peiser
5215 Analytic Methods of Urban Planning Quantitative	Michael Hooper
5216 Analytic Methods Qualitative	Ann Forsyth
5364 Sustainable Real Estate	Jesse Keenan
5492 Real Estate Finance and Development Fundamentals for Public... (at HKS)	Edward Marchant
7408 Frameworks of Contemporary Practice	Paul Nakazawa
7420 Innovation in Project Delivery	Mark R. Johnson

Spring 2017

5103 Public and Private Development	Jerold Kayden
5201 Urban Politics and Planning (at KSG)	Quinton Mayne
5275 Advanced Real Estate Finance	Frank Apeseche
5276 Building and Leading Real Estate Enterprises and Entrepreneurship	Frank Apeseche
5370 Environment, Economics, and Enterprise	Frank Apeseche
5490 Affordable and Mixed-Income Housing Development, Finance, and Management	Edward Marchant
7416 The Practice as Project	Florian Idenburg

Fall 2016

5204 Real Estate Finance and Development	Richard Peiser
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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
 5431 Form+Finance the Design of Real Estate
 5492 Real Estate Finance and Development Fundamentals for Public... (at HKS)
 6271 The Innovative Practice Finding, Building, and Leading Good Ideas with Others
 7408 Frameworks of Contemporary Practice
 7420 Innovation in Project Delivery

Jerold Kayden
 Richard Peiser
 Michael Hooper
 Ann Forsyth
 Jesse Keenan
 Wang, Gamble
 Edward Marchant
 Beth Altringer
 Paul Nakazawa
 Mark R. Johnson

Spring 2016

5103 Public and Private Development
 5370 Environment, Economics, and Enterprise
 6328 Interdisciplinary Design Practice
 5275 [M3] Advanced Real Estate Finance
 5276 [M4] Building and Leading Real Estate Enterprises and Entrepreneurship

Laura Wolf-Powers
 Samuelson, Apesche
 Kara, Georgoulas
 Richard Peiser
 Frank Apesche

Fall 2015

5204 Real Estate Finance and Development
 5206 Land Use and Environmental Law
 6271 The Innovative Practice Finding, Building, and Leading Good Ideas with Others
 7408 Frameworks of Contemporary Practice
 7420 Innovation in Project Delivery
 5492 Real Estate Finance and Development Fundamentals for Public and Private... (at HKS)

Richard Peiser
 David Karnovsky
 Beth Altringer
 Paul Nakazawa
 Mark R. Johnson
 Edward Marchant

Spring 2015

5103 Public and Private Development
 5370 Environment, Economics, and Enterprise
 6328 In search of Design through Engineers
 7417 Design Competitions
 7420 Innovation in Project Delivery
 5405 Global Leadership in Real Estate and Design
 5275 [M3] Advanced Real Estate Finance
 5276 [M4] Building and Leading Real Estate Enterprises and Entrepreneurship

Jerold Kayden
 H. Samuelson, F. Apesche
 A. Georgoulas, H. Kara
 Jerold Kayden
 Mark R. Johnson
 Bing Wang, Eugene Kohn
 Richard Peiser
 Frank Apesche

Fall 2014

5204 Real Estate Finance and Development
 5206 Land Use and Environmental Law
 6271 The Innovative Practice Finding, Building, and Leading Good Ideas with Others
 7408 Contemporary Frameworks of Practice
 7410 The Architect in History The Evolution of Practice from Renaissance to Present

Richard Peiser
 Jerold Kayden
 Beth Altringer
 Paul Nakazawa
 Jay Wickersham

Spring 2014

5103 Public and Private Development
 6328 In Search of Design through Engineers
 7416 The Practice as Project
 7417 Design Competitions

Jerold Kayden
 Hanif Kara, Andreas Georgoulas
 Florian Idenburg, Matan Mayer
 Jerold Kayden

Fall 2013

5204 Real Estate Finance and Development
 5206 Land Use and Environmental Law
 6271 The Innovative Practice Finding, Building and Leading Good Ideas with Others (at SEAS)
 7408 Contemporary Frameworks of Practice
 7410 The Architect in History The Evolution of Practice from Renaissance to Present

Richard Peiser
 Jerold Kayden
 Beth Altringer
 Paul Nakazawa
 Jay Wickersham

Spring 2013

6328 In Search of Design through Engineers
 7415 Project Delivery

Hanif Kara, Andreas Georgoulas
 Richard Jennings

7440 Leading the Design Firm

Richard Jennings, Brian Kenet

Fall 2012

5204 Real Estate Finance and Development

7408 Contemporary Frameworks of Practice

The Architect in History The Evolution of Practice from Renaissance to Present

Design and Development from Concept to Implementation

FAS

ES21 The Innovator's Practice Finding, building and leading good ideas with others

Richard Peiser

Paul Nakazawa 7410

Jay Wickersham 7411

Andreas Georgoulas

Beth Altringer

Spring 2012

5103 Public and Private Development

5215 Analytic Methods of Urban Planning Quantitative (2 units)

5216 Analytic Methods Qualitative (2 units)

5303 Advance Real Estate Development and Finance

5319 Urbanization and International Development

5343 Disaster Field Lab

5430 Public Approvals for Private Development Projects (2 units)

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

5469 Environmental Planning and Sustainable Development...

5473 Housing Policy in the United States

5489 Real Estate in Frontier Markets

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

5501 Transforming Cities in Emerging Economies

6328 In Search of Design Through Engineers

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

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

7440 Leading the Design Firm

9116 Cultural Tourism in the Al-Turat World Heritage Site, Saudi

Jerold Kayden

Michael Hooper

Joyce Rosenthal

Richard Peiser

Michael Hooper

J. Rosenthal, M. Mazereeuw, C. Werthmann

Matthew Kiefer

Bing Wang

Joyce Rosenthal

Eric Belsky

Nicolas Retsinas

Edward Marchant

Diane Davis

Hanif Kara, Andreas Georoulas

John Macomber

Macomber, Gordon, Kohn

Richard Jennings, Brian Kenet

Richard Peiser, Bing Wang

Fall 2011

5201 Urban Politics and Planning

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

Alan Altshuler

Jose Gomez-Ibanez

Richard Peiser

Jerold S. Kayden

James Stockard

Susan Fainstein

Edward Marchant

Paul Nakazawa

Jay Wickersham

Andreas Georgoulas

Spring 2011

5103 Public and Private Development

5303 Advanced Real Estate Development and Finance

and Operational Principles of Real Estate

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

Jerold S. Kayden

Richard Peiser 5403M3 Building Design Typologies

Bing Wang

Matthew Kiefer

Andreas Georgoulas, Hanif Kara

Michael Schroeder

John Macomber

Richard Jennings, Brian Kenet

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

Alan Altshuler

Joseph Kalt

Jose Gomez-Ibanez

Richard Peiser

Brian Blaesser

James Stockard

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

Susan Fainstein
Edward Marchant
Richard Jennings
Paul Nakazawa
Jay Wickersham
Andreas Georgoulis, Spiro Pollalis

Robert S. Huckman, Daniel C. Snow

Spring 2010

5103 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

Brian W. Blaesser
Frank Apeseche, Glen Mueller
Bing Wang
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
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
7411 Design and Development from Concept to Implementation
7440 Leading the Design Firm

HBS

HBS2166 Operations Strategy

Toshiko Mori
Alan Altshuler
Joseph Kalt
Jose Gomez-Ibanez
Richard Peiser
Brian Blaesser
James Stockard
Richard Jennings
Paul Nakazawa
Jay Wickersham
Andreas Georgoulis, Spiro Pollalis
A. Georgoulis, R. Jennings, B. Kenet

Robert S. Huckman, Daniel C. Snow

Spring 2009

5103 Public and Private Development
5303 Advanced Real Estate Development and Finance
5403M3 Public Approvals for Private Development Projects
5403M4 Building Design and Planning Typologies
5475 Design of Housing in the United States
6328 In Search of Engineer
6331 Building Information Models
7307 Strategy, Sustainability, and Finance
7407 Managing the Design Project
HBS 1461 Real Estate Development, Design, and Construction

Jerold S. Kayden
Frank Apeseche, Glenn Mueller
Matthew Kiefer
Bing Wang
Leland Cott
Andreas Georgoulis, Hanif Kara
Michael Schroeder
John Macomber
Richard Jennings
E. Kohn, J. Macomber, C. Gordon

Fall 2008

5201 Urban Politics, Planning, and Development
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
7213 International Design Practice Business, Law, and Culture
7406 Specifications
7408 A New Framework for Practice

Alan Altshuler
Jose Gomez-Ibanez
Richard Peiser
Brian Blaesser
James Stockard
Susan Fainstein
Jay Wickersham
Mark Kalin
Paul Nakazawa

7411 Design and Development from Concept to Implementation
7440 Leading the Design Firm
HBS 2166 Operations Strategy

Spiro Pollalis, Andreas Georgoulis
Brian Kenet, Spiro Pollalis
Robert S. Huckman, Daniel C. Snow

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

Jerold S. Kayden
Richard Peiser, Bing Wang
Richard Peiser
Mona Serageldin
Matthew Kiefer
Bing Wang 5475
Lee Cott
Hanif Kara, Andreas Georgoulis
Michael Schroeder

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
7213 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

Joseph Kalt
Jose Gomez-Ibanez
Richard Peiser
James Kostaras
James Stockard
Jay Wickersham
Mark Kalin
Paul Nakazawa
Brian Kenet

John Kennedy
David Geltner

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

Jose Gomez-Ibanez
Brian Blaesser
Richard Peiser
Mona Serageldin
Matthew Kiefer
Bing Wan
Leland Cott
Carl Sapers
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
7405 Leading the Design Firm
7406 Specifications
7411 From Concept to Implementation
MIT
MIT 11.345J Entrepreneurship in Construction and Redevelopment

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

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

Jerold Kayden
Richard Peiser, Bing Wang
Richard Peiser
Eric Belsky, Nicolas Retsinas
Leland Cott
Carl Sapers

7213 International Design Practice Business, Law, and Culture
7222 The Bilbao Guggenheim Museum

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

