

**19FA Department of Architecture Class Schedule**

Course number	Course name	Instructors	Class time	Classroom	Lab or Section	Section classroom	Unit credits	Level	P/F	GIR	Final Exam or Review
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**4.Axx — Freshman Seminars**

4.A22	First-Year Advising Seminar — Physics of Energy	Leslie Norford	T 3-5	38-501			2-0-4	U	P/F		no
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**4 — Thesis & UROP Subjects**

4.189	Preparation for MArch Thesis	TBA	see advisor				3-1-5	G	grade		no
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4.288	Preparation for SMarChS Thesis	Roi Salgueiro Barrio Susanne Schindler Lawrence Sass			D1: urb: M 2-5 7-231 D2: cmp: T 4-7 5-232		2-0-4 3-0-6	G	P/F		no
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Susanne Schindler

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4.488	Preparation for SMBT Thesis	Advisor	see advisor				TBA	G	P/F		no
4.489	Preparation for Building Technology PhD Thesis	Advisor	see advisor				TBA	G	P/F		no
4.589	Preparation for Design & Computation PhD Thesis	Advisor	see advisor				TBA	G	P/F		no

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4.686	SMArchS AKPIA Pre-Thesis Preparation	Advisor	see advisor				0-1-2	G	P/F		no
4.687	SMArchS HTC Pre-Thesis Preparation	Advisor	see advisor				0-1-2	G	P/F		no
4.689	Preparation for History, Theory and Criticism PhD Thesis	Advisor	see advisor				TBA	G	P/F		no

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4.A06	First-Year Advising Seminar— Design is Everywhere	Paul Pettigrew	F 3-5	9-217			2-0-4	U	grade	3-329	no
4.A07	First-Year Advising Seminar — Experiencing Architecture: Process, Production and Product	Lawrence Sass	F 3-5	3-329			2-0-4	U	grade		no
4.THG	Graduate Thesis	Advisor					TBA	G	grade		no

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4.THTJ 11.THTJ	Thesis Research Design Seminar	Cherie Abbanat	F 12-3	9-217			3-0-9	U	grade	CI-M	
4.THU	Undergraduate Thesis	Advisor	see advisor				0-1-11	U	grade		no
4.UR	Undergraduate Research in Design (UROP)	Lawrence Sass					TBA	U	P/F		no

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4.URG	Undergraduate Research in Design (UROP)	Lawrence Sass					TBA	U	grade		no

**4.1xx — Architectural Design**

4.021	Design Studio: How to Design		MW 2-5	N52-342C			3-3-6	U	grade	HASS/A	yes
4.022	Design Studio: Introduction to Design Techniques and Technologies	Axel Kilian Zain Karsan	MW 2-5	7-434 studio			3-3-6	U	grade		yes

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4.023	Architecture Design Studio I	Mava Shopova Cherie Abbanat	TRF 1-5	7-434 studio			0-12-12	U	grade	CI-M	yes
4.025	Architecture Design Studio III		TRF 1-5	3-415 studio			0-12-12	U	grade		no
4.031	Design Studio: Objects and Interaction	Marcelo Coelho Jessica Rosenkrantz	TR 2-5	7-434 studio			3-3-6	U	grade		no

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4.051	The Human Factor in Innovation and Design Strategy	Lee Moreau	F 9-12	5-233			3-3-6	U	grade		yes
4.053	Visual Communication Fundamentals — CANCELED						3-3-6	U	grade		no
4.105	Geometric Disciplines and Architecture Skills I	Jeremy Jih	M 2-5	3-442			2-2-5	G	grade		no



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4.130	Architectural Design Theory and Methodologies	Mark Goulthorpe	T 9-11	5-216			3-3-6	G	grade		no
4.140 J MAS.863 J 6.943J	How to Make (almost) Anything	Axel Kilian Jennifer O'brien  N. Gershenfeld	W 1-4	E14-633	R 5-6	E14-633	3-9-6	G	grade		
4.151	Architecture Design Core Studio I	Brandon Clifford Jennifer Leuna Hans Tursack	TRF 1-5	3-415 studio			0-12-9	G	grade		no

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4.153	Architecture Design Core Studio III	Sheila Kennedy Cristina Parreño Rami el Samahy	TRF 1-5	3-415 studio			0-12-9	G	grade		no
4.154	Architecture Design Option Studio	Fabrizio Barozzi Danniely Staback Florian Idenburg Sam Ghantous Miho Mazereeuw David Moses	TRF 1-5	7-434 studio			0-10-11	G	grade		no
4.163J 11.332J	Urban Design Studio — California Dreamin'	Rafael (Rafi) Seqal Alan Berder  Jonah Susskind	TR 1-6	10-485 DUSP			0-10-11	G	grade		no

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4.181	Architectural Design Workshop — Migrating the City: Scales and Models of User-Driven Habitates (Summer/Berlin)	Rafael (Rafi) Seqal	see instructor (at MIT 8/27-31 in 10-485, 9am -6pm)	10-485			0-3-6	G	grade		no
4.182	Architectural Design Workshop — Experiments in Post-Disaster Permanent Housing	J. Meeiin Yoon	1st mtg M 9/10 at 5:30PM	9-450A			3-0-6 3-0-9	G	grade		yes
4.183	Architectural Design Workshop — Project “1 +X”— Design/Build in Heshaoxi Village of Zhejiang Province China (Summer)	Yao Zhand  Wang Shu	TBA				0-9-3	G	grade		no

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4.184	Architectural Design Workshop — Beyond Reconstruction in Oaxaca, Mexico	Lorena Bello Gomez	W 9-12	3-329			3-0-9	G	grade		yes
4.185	Architectural Design Workshop — Architecture + the Spatial Infrastructure of Identification in the City	Janice Yolande Daniels	R 6-9	3-329			0-3-9	G	grade		no
4.s12	Special Subject: Architecture Design — The Tallhouse: Design for Manufacturing and Assembly (DfMA)	John Klein	TR 9:30-11	3-329			3-0-6	G	grade		

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4.s14	Special Subject: Architecture Design — Experiments in Pedagogy	Irina Chernvakova Paul Pettirew	TBA	TBA			TBA	G	P/F		no

**4.2xx — Architectural Studies**

4.210	Precedents in Critical Practice	Ana Miliacki	W 2-5	7-429			3-0-6	G	grade		yes
4.213J 11.308J	Ecological Urbanism Seminar	Anne Spirn	M 2-5	10-401			3-0-9	G	grade		

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4.215 J 11.309 J	Sensing Place: Photography as Inquiry	Anne Spirn	W 2-6	10-485			3-0-9	G	grade		
4.221	Architecture Studies Colloquium	Skvlar Tibbits	F 9-11	7-429			2-0-1	G	grade		no
4.222	Professional Practice	Janice Yolande Daniels Robert Mohr	F 9-12	1-135			3-0-3	G	grade		no

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4.228	Contemporary Urbanism Proseminar: Theory and Representation	Rania Ghosn	W 2-5	9-450A			3-0-6 3-0-9	G	grade		no
4.230 J 11.468 J	SIGUS Workshop (meets with 4.231)	Reinhard Goethert	see instructor	see instructor			3-3-0	G	grade		no
4.231	SIGUS Workshop (meets with 4.230)	Reinhard Goethert	see instructor	see instructor			3-3-0	U	grade		no

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4.236J 11.463J	Structuring Low-Income Housing Projects in Developing Countries — Reconstruction After Conflicts	Reinhard Goethert	TR 11-12:30	3-329			3-0-9	G	grade		yes
4.240J 11.328J	Urban Design Skills: Observing, Interpreting & Representing the City	Eran Ben-Joseph Marie Law Adams  Mary Anne Ocampo	F 9-1	10-485	W 6-9	10-485	4-2-9	G	grade		
4.250J 11.001J	Introduction to Urban Design and Development	Larry Vale	MW 11-12:30	2-105			3-0-9	U	grade	HASS/E HASS/H	



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4.252J 11.301J	Introduction to Urban Design and Development	K. Shen	TR 9:30-11	9-354			3-0-9	G	grade		
4.s23	Special Subject: Architecture Studies — Earth on Display: The Anthropocene in the Museum of Natural History	Rania Ghosn	M 10-1	10-401			3-0-9	G	grade		no
4.s26	Special Subject: City Form — Modeling Model Cities: Legacies of a Great Society program in Cambridge and Boston	Susanne Schindler	R 9-12	1-246			3-0-6 3-0-9	G	grade		no

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<b>4.3xx — ACT</b>											
4.301	Introduction to Artistic Experimentation	Marisa Jahn	TW 2-5	E15-283A			3-3-6	U	grade	HASS/A	no
4.314	Advanced Workshop in Artistic Practice and Transdisciplinary Research (meets with 4.315) — Chocolate Factory: An Ethnography of Global Relations	Azra Aksamiia	TR 2-5	E15-207			3-3-6	U	grade	HASS/E HASS/A	no
4.315	Advanced Workshop in Artistic Practice and Transdisciplinary Research (meets with 4.314) — Chocolate Factory: An Ethnography of Global Relations	Azra Aksamiia	TR 2-5	E15-207			3-3-6	G	grade		no

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4.320	Introduction to Sound Creations (meets with 4.321)	Rasa Smite Raitis Smits	MW 9:30-12:30	E15-001			3-3-6	U	grade	HASS/A	no
4.321	Introduction to Sound Creations (meets with 4.320)	Rasa Smite Raitis Smits	MW 9:30-12:30	E15-001			3-3-6	G	grade		no
4.322	Introduction to Three-Dimensional Art Work (meets with 4.323)	Tobias Putrih	MW 9:30-12:30	E15-207			3-3-6	U	grade	HASS/E HASS/A	no

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4.323	Introduction to Three-Dimensional Art Work (meets with 4.322)	Tobias Putrih	MW 9:30-12:30	E15-207			3-3-6	G	grade		no
4.341	Introduction to Photography and Related Media (meets with 4.342)	Lara Baladi	TR 2-5	E15-054			3-3-6	U	grade	HASS/E HASS/A	no
4.342	Introduction to Photography and Related Media (meets with 4.341)	Lara Baladi	TR 2-5	E15-054			3-3-6	G	grade		no

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4.354	Introduction to Video and Related Media (meets with 4.355)	Nida Sinnokrot	TR 9:30-12:30	E15-070 / E15-001			3-3-6	U	grade	HASS/E HASS/A	no
4.355	Introduction to Video and Related Media (meets with 4.354)	Nida Sinnokrot	TR 9:30-12:30	E15-070 / E15-001			3-3-6	G	grade		no
4.389	Tutorial for SMOCT Thesis	Mario Caro	F 9:30-11	E15-207			3-0-6	G	grade		no

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4.390	Art, Culture and Technology Studio	Judith Barry Ellen Renée Green	MF 2-5	E15-001			3-3-6	G	grade		yes
4.s22	Special Subject: Design Studies — ACT Theory & Criticism Colloquium	Mario Caro	F 11-1	E15-207			3-0-6	G	grade		no
4.s32	Special Subject: Art, Culture and Technology — Culture Fabric	Azra Aksamiia	TR 9:30-12:30	E15-207			3-3-6	G	grade		no

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4.s33	Special Subject: Art, Culture and Technology — Advanced Photography and Related Media: Images in a Society of Post-Control	Lara Baladi	T 9:30-12:30	E15-054			3-0-6	G	grade		no

**4.4xx — Building Technology**

4.401	Environmental Technologies in Buildings (meets with 4.464)	Christoph Reinhart	MW 11-12:30	9-354	F 11-12	1-150	3-2-7	U	grade		no
4.411 J EC.713 J	D-Lab Schools: Building Technology Laboratory	Leslie Norford	W 9:30-11	1-132	M 2-5	N51-350	2-3-7	U	grade	LAB	no

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4.450 J 1.575 J	Computational Structural Design and Optimization (meets with 4.451)	Caitlin Mueller	M 2-5	35-225			3-0-6 3-0-9	G	grade		no
4.451	Computational Structural Design and Optimization (meets with 4.450)	Caitlin Mueller	M 2-5	35-225			3-0-9	U	grade		no
4.463	Building Technology Systems: Structures and Envelopes	Caitlin Mueller	MW 9:30-11	1-150	F 10-12	3-133	3-2-4	G	grade		yes



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4.464	Environmental Technologies in Buildings (meets with 4.401)	Christoph Reinhart	MW 11-12:30	9-354	F 10-11	1-150	3-2-4	G	grade		yes
4.481	Building Technology Seminar	Josephine Carstensen Leon Glicksman Caitlin Mueller Leslie Norford Christoph Reinhart	R 3-5	5-415 BT			2-0-1	G	grade		no
4.A05	First-Year Advising Seminar — Solving Climate Change and Environmental Challenges in the US and Abroad	John Fernandez	M 3-5	1-371			2-0-4	U	P/F		no

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<b>4.5xx — Computation</b>											
4.500	Design Computation: Art, Objects and Space	Lawrence Sass	M 9:30-11	N52-337 (IDC "Garage")	W 7-8:30 pm	N52-337 (IDC)	2-2-8	U	grade		no
4.502	Advanced Visualization: Architecture in Motion Graphics (meets with 4.562)	Andrzej Zarzvcki	F 9-12	2-103	see TA		3-2-7	U	grade		no
4.540	Introduction to Shape Grammars I	George Stiny	M 9:30-12:30	1-132			3-0-6	G	grade		no

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4.557 J MAS.552 J	City Science — <b>CANCELED</b>	Kent Larson	W 2-5	E15-359			3-0-9	G	grade		
4.562	Advanced Visualization: Architecture in Motion Graphics (meets with 4.502)	Andrzej Zarzvcki	F 9-12	2-103	see TA		3-2-7	G	grade		no
4.580	Inquiry into Computation and Design	Terry Knight	T 9:30-12:30	4-251			3-0-9	G	grade		no

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4.581	Proseminar in Computation (meets with 4.582)	George Stiny	T 9:30-12:30	5-232			3-0-9	G	P/F		no
4.582	Research Seminar in Computation (meets with 4.581)	George Stiny	T 9:30-12:30	5-232			3-0-9	G	P/F		no
4.583	Forum in Computation	Terry Knight	W 6-8	4-144			3-0-0	G	P/F		no

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<b>4.6xx — HTC</b>											
4.601	Introduction to Art History	Kristel Smentek	TR 2-3:30	3-133	W 10-11 F 10-11	5-216 5-216	3-2-7	U	grade	HASS/A	yes
4.603	Understanding Modern Architecture (meets with 4.604)	Timothv Hvde	TR 11-12:30	5-134			3-0-9	U	grade	HASS/A	no
4.604	Understanding Modern Architecture (meets with 4.603)	Timothv Hvde	TR 11-12:30	5-134			3-0-6	G	grade		no

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4.607	Thinking About Architecture: In History and At Present	Mark Jarzombek	M 2-5	5-134			3-0-6 3-0-9	G	grade		no
4.612	Islamic Architecture and the Environment	James Wescoat	M 9-12	5-216			3-0-6	G	grade		yes
4.614	Building Islam	Nasser Rabbat	TR 11-12:30	5-216			3-0-9	U	grade	HASS/A	yes

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4.619	Historiography of Islamic Art and Architecture	Nasser Rabbat	W 2-5	5-216			3-0-9	G	grade		no
4.634	Early Modern Architecture and Art (meets with 4.635)	Lauren Jacobi	TR 11-12:30	3-133			3-0-9 3-0-6	G	grade		yes
4.635	Early Modern Architecture and Art (meets with 4.634)	Lauren Jacobi	TR 11-12:30	3-133			3-0-9	U	grade	HASS/A	yes

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4.647	Technopolitics, Culture, Intervention	Arindam Dutta	T 9-12	10-401			3-0-6 3-0-9	G	grade		no
4.648 J 21A.507 J	Resonance: Sonic Experience, Science, and Art (meets with 4.649)	Caroline Jones  Stefan Helmreich	TR 9:30-11	3-133			3-0-9	U	grade	HASS/A	no
4.649 J 21A.519 J	Resonance: Sonic Experience, Science, and Art (meets with 4.648)	Caroline Jones  Stefan Helmreich	TR 9:30-11	3-133			3-0-9	G	grade		no



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4.661	Theory and Method in the Study of Architecture and Art	Lauren Jacobi Kristel Smentek	M 2-5	5-216			3-0-9	G	grade		no
4.674 21G.049	French Photography	Catherine Clark	W 3-4	4-249	R 2-4	4-249	3-0-9	U	grade	CI-H	
4.683	Preparation for HTC Qualifying Paper	Advisor	see advisor				1-14-15	G	P/F		no

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4.684	Preparation for HTC Major Exam	Advisor	see advisor				1-26-27	G	P/F		no
4.685	Preparation for HTC Minor Exam	Advisor	see advisor				1-14-15	G	P/F		no
4.s62	Special Subject: History, Theory & Criticism of Architecture & Art — The Art/Science Thing	Caroline Jones	T 2-5	5-216			3-0-9	G	grade		no