

Course Schedule - Spring 2009

Architecture

199 **Undergraduate Open Seminar** credit: 1 to 5 hours.
May be repeated.

CRN	Type	Section	Time	Days	Location	Instructor
10337	independent study		ARRANGED			
10337: Instructor Approval Required						
45362	conference	CAD	06:00 PM - 07:50 PM	R	room 319 Gregory Hall	Mink, B
45362: 1 hoursRestricted to Architectural Studies, and Architecture.Meets 20-Jan-09 - 13-Mar-09.						
51476	conference	REV	06:00 PM - 07:50 PM	R	room 319 Gregory Hall	Mink, B
51476: 1 hoursRestricted to Architectural Studies, and Architecture.Meets 16-Mar-09 - 06-May-09.						
30218	conference	V	ARRANGED			Lapunzina, A
30218: 4 hoursFor Versailles program students only.						

210 **Intro to the Hist of Arch** credit: 3 hours.

Visual and cultural analysis of selected buildings, urban spaces, and cities, from ancient Greece to modern times; emphasizes the architectural traditions of Western Civilization, especially as they affect the built environment of America and the Middle West. Prerequisite: Sophomore standing or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
46252	discussion-recitation	AD1	01:00 PM - 01:50 PM	F	room 102A Architecture Bldg	Senseney, J
46253	discussion-recitation	AD2	01:00 PM - 01:50 PM	F	room 102B Architecture Bldg	Senseney, J
46254	discussion-recitation	AD3	02:00 PM - 02:50 PM	F	room 102A Architecture Bldg	Senseney, J
46255	discussion-recitation	AD4	02:00 PM - 02:50 PM	F	room 102B Architecture Bldg	Senseney, J
46256	discussion-recitation	AD5	01:00 PM - 01:50 PM	F	room 17 Temple Hoyne Buell Hall	Senseney, J
46257	discussion-recitation	AD6	02:00 PM - 02:50 PM	F	room 17 Temple Hoyne Buell Hall	Senseney, J

30223	lecture	AL	02:00 PM - 02:50 PM	MW	room 120 Architecture Bldg	Senseney, J
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272 **Strategies of Arch Design** credit: 4 hours.

Integration of formal principles with functional fundamentals of architectural design; functional vocabulary, principles, and concepts of architectural design; introduction to precedent study and analysis; skills development in sketching, drafting, rendering, layout, and modeling; and creative problem-solving in 2- and 3-dimensional exercises. Prerequisite: ARCH 101 and ARCH 171.

For Architecture students only.

CRN	Type	Section	Time	Days	Location	Instructor
30214	laboratory	A	09:00 AM - 11:50 AM	MW	Art-East Annex, Studio 1	Hamlin, L
	laboratory	A	10:30 AM - 11:50 AM	F	Art-East Annex, Studio 1	Hamlin, L
	lecture	A	09:00 AM - 10:20 AM	F	room 120 Architecture Bldg	Hamlin, L

: For Architecture students only.

48187	laboratory	B	09:00 AM - 11:50 AM	MW	Art-East Annex, Studio 1	Warren, A
	laboratory	B	10:30 AM - 11:50 AM	F	Art-East Annex, Studio 1	Warren, A
	lecture	B	09:00 AM - 10:20 AM	F	room 243 Wohlers Hall	Warren, A

: For Architecture students only.

314 **History of World Landscapes** credit: 3 hours.

Same as LA 314. See LA 314.

This course satisfies the General Education Criteria for a Hist&Philosoph Perspect, and Western Compартv Cult course.

The Natalie Alpert prize is given for the best term paper(s).

CRN	Type	Section	Time	Days	Location	Instructor
44249	discussion- recitation	AD1	12:00 PM - 12:50 PM	F	room 325 Temple Hoyne Buell Hall	
44249: Hist&Philosoph Perspect, and Western Compартv Cult course.						
44250	discussion- recitation	AD2	01:00 PM - 01:50 PM	F	room 325 Temple Hoyne Buell Hall	
44250: Hist&Philosoph Perspect, and Western Compартv Cult course.						

44251	discussion-recitation	AD3	12:00 PM - 12:50 PM	M	room 325 Temple Hoyne Buell Hall	
44251: Hist&Philosoph Perspect, and Western Compартv Cult course.						
44252	discussion-recitation	AD4	01:00 PM - 01:50 PM	M	room 325 Temple Hoyne Buell Hall	
44252: Hist&Philosoph Perspect, and Western Compартv Cult course.						
43825	lecture	AL1	04:30 PM - 05:50 PM	TR	room 134 Temple Hoyne Buell Hall	Harris, D
43825: Hist&Philosoph Perspect, and Western Compартv Cult course.						

341 **Environment Tech HVAC** credit: 4 hours.

Study of the control of thermal environment, mechanical and related building sub-systems, and their integration into the overall building design. The specific topics include: thermal comfort and the behavioral implications; fundamentals of thermal behavior of buildings; the principles of heat and moisture in buildings; indoor air quality and "Sick Building Syndrome"; energy and sustainability implications of building design; and mechanical systems including HVAC and plumbing systems. Prerequisite: ARCH 231.

Students must register for one lab and one lecture section.

CRN	Type	Section	Time	Days	Location	Instructor
30227	laboratory	AB1	09:00 AM - 11:50 AM	F	room 102A Architecture Bldg	Lerum, V
30227: Restricted to Architectural Studies, and Architecture.						
46244	laboratory	AB2	09:00 AM - 11:50 AM	F	room 102B Architecture Bldg	Lerum, V
30229	lecture	AL1	08:00 AM - 08:50 AM	MWF	room 120 Architecture Bldg	Lerum, V
30229: Restricted to Architectural Studies, and Architecture.						

342 **Environment Tech Ltг & Acoust** credit: 4 hours.

Study of the control of luminous and sonic environments, the supporting building systems, and their integration into the overall building design. Specific topics include: lighting fundamentals; light sources; effects of lighting on comfort and performance; lighting calculations and design; energy economy and sustainability; acoustic fundamentals; room acoustics; noise control; and basic electrical and sound systems. Prerequisite: ARCH 231.

CRN	Type	Section	Time	Days	Location	Instructor
30231	laboratory	AB1	08:00 AM - 09:20 AM	MW	room 102A Architecture Bldg	Han, S
30231: Restricted to Architectural Studies, and Architecture.						

30233	laboratory	AB2	08:00 AM - 09:20 AM	MW	room 245 Wohlers Hall	Han, S
30233: Restricted to Architectural Studies, and Architecture.						
45620	laboratory	AB3	08:00 AM - 09:20 AM	MW	room 245 Wohlers Hall	Han, S
30234	lecture	AL1	08:00 AM - 09:20 AM	TR	room 120 Architecture Bldg	Han, S
30234: Restricted to Architectural Studies, and Architecture.						

352 **Mech of Mat & Design Appl** credit: 4 hours.

Study of stresses, strains, and deformations in axially loaded members; direct shear and bearing stresses; torsion; beam stresses and deflections; stresses under combined loading; column buckling; design of structural members; introduction to statically indeterminate structures; architectural applications. Prerequisite: ARCH 351.

CRN	Type	Section	Time	Days	Location	Instructor
30235	laboratory	AB1	03:00 PM - 04:20 PM	TR	room 102A Architecture Bldg	Kansler, J
40287	laboratory	AB2	03:00 PM - 04:20 PM	TR	room 102B Architecture Bldg	Kansler, J
40289	laboratory	AB3	03:00 PM - 04:20 PM	TR	room 20 Architecture Bldg	Kansler, J
41518	laboratory	AB4	03:00 PM - 04:20 PM	TR	room 20A Architecture Bldg	Kansler, J
30236	lecture	AL1	01:30 PM - 02:50 PM	TR	room 213 Gregory Hall	Kansler, J
30237	laboratory	BB1	ARRANGED			Uihlein, M
30237: Versailles program students only.						
30238	lecture	BL1	ARRANGED			Uihlein, M
30238: Versailles program students only.						

374 **Arch Design and the City** credit: 5 hours.

Building in the community setting; creation of place; introductory urban design and site planning issues, including universal design and accessibility; human-built environment relationship issues; architectural design and presentation methods; required field trips. Prerequisite: ARCH 373.

CRN	Type	Section	Time	Days	Location	Instructor
30241	laboratory	E1	01:00 PM - 04:50 PM	MW	room 200 Architecture Bldg	Erickson, K

	laboratory	E1	02:30 PM - 04:50 PM	F	room 200 Architecture Bldg	Erickson, K
	lecture	E1	01:00 PM - 02:20 PM	F	room 120 Architecture Bldg	Erickson, K
: Restricted to Architectural Studies, and Architecture.						
51623	laboratory	E10	01:00 PM - 04:50 PM	MWF		
30242	laboratory	E2	01:00 PM - 04:50 PM	MW	room 200 Architecture Bldg	Hicks, S
	laboratory	E2	02:30 PM - 04:50 PM	F	room 200 Architecture Bldg	Hicks, S
	lecture	E2	01:00 PM - 02:20 PM	F	room 120 Architecture Bldg	Hicks, S
: Restricted to Architectural Studies, and Architecture.						
30244	laboratory	E3	01:00 PM - 04:50 PM	MW	room 200 Architecture Bldg	Larsen, J
	laboratory	E3	02:30 PM - 04:50 PM	F	room 200 Architecture Bldg	Larsen, J
	lecture	E3	01:00 PM - 02:20 PM	F	room 120 Architecture Bldg	Larsen, J
: Restricted to Architectural Studies, and Architecture.						
30245	laboratory	E4	01:00 PM - 04:50 PM	MW	room 200 Architecture Bldg	Hubeli, R
	laboratory	E4	02:30 PM - 04:50 PM	F	room 200 Architecture Bldg	Hubeli, R
	lecture	E4	01:00 PM - 02:20 PM	F	room 120 Architecture Bldg	Hubeli, R
: Restricted to Architectural Studies, and Architecture.						
30248	laboratory	E5	01:00 PM - 04:50 PM	MW	room 300 Architecture Bldg	Malnar, J
	laboratory	E5	02:30 PM - 04:50 PM	F	room 300 Architecture Bldg	Malnar, J
	lecture	E5	01:00 PM - 02:20 PM	F	room 120 Architecture Bldg	Malnar, J
: Restricted to Architectural Studies, and Architecture.						
41572	laboratory	E6	01:00 PM - 04:50 PM	MW	room 300 Architecture Bldg	Selby, R

	laboratory	E6	02:30 PM - 04:50 PM	F	room 300 Architecture Bldg	Selby, R
	lecture	E6	01:00 PM - 02:20 PM	F	room 120 Architecture Bldg	Selby, R
: Restricted to Architectural Studies, and Architecture.						
46705	laboratory	E7	01:00 PM - 04:50 PM	MW	room 300 Architecture Bldg	Niermann, M
	laboratory	E7	02:30 PM - 04:50 PM	F	room 300 Architecture Bldg	Niermann, M
	lecture	E7	01:00 PM - 02:20 PM	F	room 120 Architecture Bldg	Niermann, M
: Restricted to Architectural Studies, and Architecture.						
30247	laboratory	V	ARRANGED			Lapunzina, A
30247: Versailles program students only. Restricted to Architectural Studies, and Architecture.						

399 **Study in Versailles, France** credit: 0 to 18 hours.

Study in the University of Illinois Architectural Program at Versailles, France. Approved for S/U grading only. Prerequisite: Concurrent registration in the full-time program at Versailles through the Chicago or Urbana-Champaign Campus.

CRN	Type	Section	Time	Days	Location	Instructor
30249	conference	V	ARRANGED			Lapunzina, A
30249: Versailles program students only						

400 **Senior Honors in Architecture** credit: 1 to 4 hours.

For candidates for honors in Architecture. Independent guided study and research in a selected area of architecture. No graduate credit. May be repeated to a maximum of 6 hours with consent of Director of School. Prerequisite: Senior standing in architecture, a University grade-point average of 3.0 or, in special cases, consent of Director of School.

CRN	Type	Section	Time	Days	Location	Instructor
10340	independent study		ARRANGED			
10340: Instructor Approval Required						

401 **Independent Study** credit: 1 to 4 hours.

Independent guided study and investigation in a selected area of architecture. Approved for both letter and S/U grading. May be repeated. Prerequisite: Junior standing in architecture, written proposal approved by a sponsoring faculty member and the approval of the Director of the School.

Work may be taken in the following Architectural areas: Design, History, Theory, Structures, Practice and Technology.

CRN	Type	Section	Time	Days	Location	Instructor
10346	independent study		ARRANGED			
10346: Instructor Approval Required						
41998	conference	AL	ARRANGED			Lapunzina, A
41998: 3 hours Topic: Undergraduate Seminar--Versailles. For Versailles program students only.						

407 **Rome: The Eternal City** credit: 3 hours.

Considers the architecture and urbanism of the city of Rome across time. Special focus will be placed on critical strategies for understanding urban sites. Prerequisite: Sophomore standing.

CRN	Type	Section	Time	Days	Location	Instructor
51478	lecture	A	04:30 PM - 05:50 PM	TR	room 226 Wohlers Hall	Minor, H
51478: 3 hours						

411 **Ancient Roman Architecture** credit: 3 hours.

Architecture and urban design in the ancient Roman world from the Etruscan through the Late Antique periods (675 BCE - 400 CE). Connections between Roman Late Antique, Early Christian, and Byzantine Architecture will be considered. Prerequisite: ARCH 210 or ARTH 111.

CRN	Type	Section	Time	Days	Location	Instructor
44138	lecture	B	11:00 AM - 11:50 AM	MWF	room 24 Wohlers Hall	Senseney, J

414 **Baroque & Rococo Arch** credit: 3 hours.

Developments in architecture, urban design, and garden art in Italy, France, Germany, and England in the seventeenth and eighteenth centuries. Prerequisite: ARCH 210, ARTH 112, or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
30270	lecture	B	11:00 AM - 12:20 PM	TR	room 66 Library - Main	Minor, H

416 **Modern American Architecture** credit: 3 hours.

Development of American architecture and urban planning from the seventeenth century to the present. Prerequisite: ARCH 210, ARTH 112, or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
39951	lecture	M	04:30 PM - 05:50 PM	TR	room 120 Architecture Bldg	Kruty, P

419 **Historic Building Preservation** credit: 3 hours.

Introduces historic preservation: legal, financial, and administrative assistance, graphic examination of restored buildings and sites, and application of conservation technology.

CRN	Type	Section	Time	Days	Location	Instructor
30273	lecture-discussion	P	10:00 AM - 10:50 AM	MWF	room 226 Wohlers Hall	Kapp, P

432 **Construction of Buildings** credit: 4 hours.

Second course in building science and technology with emphases on the process of project execution from the initiation of design to the completion of construction. Includes comprehensive study of the construction of buildings and their systems, materials and methods, and their implications on building sustainability and design decision-making. 4 hours undergraduate only. Prerequisite: ARCH 231 or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
51096	laboratory	232	10:30 AM - 11:50 AM	TR	room ARR Art-East Annex, Studio 1	McCulley, M; Reifsteck, C
	lecture	232	09:00 AM - 10:20 AM	TR	room 180 Bevier Hall	McCulley, M; Reifsteck, C
: Concurrent enrollment in Arch 272 or Arch 472.						
46357	laboratory	SL1	06:00 PM - 07:20 PM	TR	room 102A Architecture Bldg	Kim, M
48383	laboratory	SL2	06:00 PM - 07:20 PM	TR	room 102B Architecture Bldg	Kim, M
48385	laboratory	SL3	06:00 PM - 07:20 PM	TR	room 20 Architecture Bldg	Kim, M
48386	laboratory	SL4	06:00 PM - 07:20 PM	TR	room 20A Architecture Bldg	Kim, M
52039	laboratory	SL5	06:00 PM - 07:20 PM	TR	room 19 Temple Hoyne Buell Hall	Kim, M
49252	laboratory	SL6	06:00 PM - 07:20 PM	TR	room 17 Temple Hoyne Buell Hall	Kim, M
46355	lecture	SR	01:00 PM - 02:20 PM	TR	room 134 Temple Hoyne Buell Hall	Kim, M

441 **Heat and Moisture in Buildings** credit: 4 hours.

Provides information and skills necessary for the designer to deliver dry, durable and healthful buildings. First half covers theory, including heat transfer, psychrometrics, steady-state diffusion and conduction analysis, and transient analysis. Second half covers building applications: roofs, walls, windows, foundations, and mechanical systems. Prerequisite ARCH 341 or equivalent.

CRN	Type	Section	Time	Days	Location	Instructor
49140	lecture-discussion	HM	11:00 AM - 12:20 PM	TR	room 102B Architecture Bldg	Rose, W

451 **Theory & Design Steel & Timber** credit: 4 hours.

Analysis and design of steel and timber structures for buildings. Steel columns, beams, trusses, connections, roof and floor framing systems; timber beams, columns, roof and floor framing systems. Prerequisite: ARCH 352.

Students must register for one lab and one lecture section.

CRN	Type	Section	Time	Days	Location	Instructor
30275	laboratory	AB1	09:30 AM - 10:50 AM	MW	room 102A Architecture Bldg	Aminmansour, A
40209	laboratory	AB2	09:30 AM - 10:50 AM	MW	room 102B Architecture Bldg	Aminmansour, A
30277	lecture	AL1	09:30 AM - 10:50 AM	TR	room 333 Armory	Aminmansour, A

452 **Theory of Reinforced Concrete** credit: 4 hours.

Concrete materials; behavior of reinforced concrete construction; behavior and design of structural elements, one-way slabs, beams, and girders; columns; ACI code requirements; and introduction to continuity in reinforced concrete structures. Prerequisite: ARCH 352.

Students must register for one lab and one lecture section.

CRN	Type	Section	Time	Days	Location	Instructor
30279	laboratory	AB1	11:00 AM - 12:20 PM	MW	room 102A Architecture Bldg	Turner, D
30279: Restricted to Architectural Studies, and Architecture.						
40208	laboratory	AB2	11:00 AM - 12:20 PM	MW	room 102B Architecture Bldg	Turner, D
40208: Restricted to Architectural Studies, and Architecture.						
46908	laboratory	AB3	11:00 AM - 12:20 PM	MW	room 20A Architecture Bldg	Turner, D
30280	lecture	AL1	11:00 AM - 12:20 PM	TR	room 319 Gregory Hall	Turner, D

30280: Restricted to Architectural Studies, and Architecture.

472 Arch Des in Landscape & Cities credit: 6 hours.

Intermediate architectural design methods, fundamentals, principles and concepts focusing on buildings in landscape and urban contexts. Prerequisite: ARCH 471.

CRN	Type	Section	Time	Days	Location	Instructor
43798	laboratory	T3	01:00 PM - 04:50 PM	MWF	room 403 Architecture Bldg	Dearborn, L
43798: For Track 3 Graduate Students only.						

475 Arch Design & Development credit: 6 hours.

Schematic design and development of a small-scale public building emphasizing the integration of the basic elements of building; materials, details, structure, technology, program, life safety, and universal design. Prerequisite: ARCH 374 or ARCH 472.

CRN	Type	Section	Time	Days	Location	Instructor
30289	laboratory	E1	01:00 PM - 04:50 PM	MWF	room 403 Architecture Bldg	Taylor, M
30289: Restricted to Architectural Studies, and Architecture.						
52160	laboratory	E2	01:00 PM - 04:50 PM	MWF		Lewis, C
52160: 6 hours						

476 Arch Design & Exploration credit: 6 hours.

Exploration of boundaries of architecture and the built environment. Focused exploration into specific design topics, such as issue-oriented building problems, urban design theory, intermediate building design and site planning theory, human-environment relationship theory, interdisciplinary design, and architectural design and presentation methods. Prerequisite: ARCH 475.

CRN	Type	Section	Time	Days	Location	Instructor
30290	laboratory	E1	01:00 PM - 04:50 PM	MWF	room 403 Architecture Bldg	Taylor, M
30290: Restricted to Architectural Studies, and Architecture.						
51230	laboratory	E2	01:00 PM - 04:50 PM	MWF	room 410 Architecture Bldg	Lewis, C
51230: 6 hours						
30292	laboratory	E3	01:00 PM - 04:50 PM	MWF		Hemingway, E

30292: Restricted to Architectural Studies, and Architecture.

480 **Sustainable Design Principles** credit: 2 hours.

Introduction to key concepts for the sustainable design of buildings and landscapes, including concepts that form the core of the U.S Green Building Council rating system (LEED). Introduction to LEED accreditation. Same as UP 480.

CRN	Type	Section	Time	Days	Location	Instructor
44145	online	S	ARRANGED			Deal, B
44145: Online						
44145: Online course. Syllabus/course information will be communicated via email to registered students.						

498 **Directed Research in Arch** credit: 1 to 4 hours.

Participation in on-going research projects which may include energy management, environmental perception, facilities development, building science, and other topics. May be repeated to a maximum of 8 hours. Prerequisite: Approval of written proposal by instructor and Director of School.

CRN	Type	Section	Time	Days	Location	Instructor
30305	conference	A	ARRANGED			
30304	conference	BRC	ARRANGED			

502 **Structural Planning** credit: 4 hours.

General problems in the selection and design of structural systems for buildings; methods of analysis; site explorations, soils, and foundations; bracing; and special systems. Prerequisite: ARCH 451 and ARCH 452.

CRN	Type	Section	Time	Days	Location	Instructor
30284	laboratory	AB1	04:30 PM - 05:50 PM	TR	room 102A Architecture Bldg	Mitalski, M
30285	laboratory	AB2	04:30 PM - 05:50 PM	TR	room 102B Architecture Bldg	Mitalski, M
45562	laboratory	AB3	04:30 PM - 05:50 PM	TR	room 301 Architecture Bldg	Mitalski, M
30287	lecture	AL1	03:00 PM - 04:20 PM	TR	room 120 Architecture Bldg	Mitalski, M

510 **History of World Landscapes** credit: 4 hours.

Same as LA 513. See LA 513.

CRN	Type	Section	Time	Days	Location	Instructor
44253	discussion-recitation	AD1	12:00 PM - 12:50 PM	F	room 325 Temple Hoyne Buell Hall	
44254	discussion-recitation	AD2	01:00 PM - 01:50 PM	F	room 325 Temple Hoyne Buell Hall	
44255	discussion-recitation	AD3	12:00 PM - 12:50 PM	M	room 325 Temple Hoyne Buell Hall	
44257	discussion-recitation	AD4	01:00 PM - 01:50 PM	M	room 325 Temple Hoyne Buell Hall	
43826	lecture	AL1	04:30 PM - 05:50 PM	TR	room 134 Temple Hoyne Buell Hall	Harris, D

516 **Architecture Seminar 1800-2000** credit: 4 hours.

Seminar on topics in European and American architecture from 1800 to 2000. May be repeated in separate terms to a maximum of 12 hours. Prerequisite: ARCH 415, ARCH 416, or ARCH 417.

CRN	Type	Section	Time	Days	Location	Instructor
51495	lecture-discussion	K	09:00 AM - 11:50 AM	W	room 210A Architecture Bldg	Kruty, P

544 **Bldg Sys & Design Integration** credit: 3 or 4 hours.

Advanced course on building design for greater performance, including the study of: the anatomical and functional variations of building subsystems and their design implications; inter-system relationships and synergistic integration of building subsystems into the overall building; and the strategies for designing buildings of high functional performance and greater overall value. (Day-long Friday field trips and lab fee). Term paper is required for 4 hours credit. Prerequisite: Graduate standing in Architecture or consent of instructor.

Additional field trip fee, supply fee and materials fee required.

CRN	Type	Section	Time	Days	Location	Instructor
48820	laboratory	D	11:00 AM - 12:20 PM	TR	room 17 Temple Hoyne Buell Hall	Kim, M
	lecture	D	01:00 PM - 02:20 PM	TR	room 134 Temple Hoyne Buell Hall	Kim, M
: 4 hours Lecture meets with ARCH 432 SR, TR 1300-1420.						

550 **Reinforced Concrete Design** credit: 4 hours.

Selection, design, and comparison of reinforced concrete floor systems for buildings; study and design of columns and footings; and prestressed concrete. Prerequisite: ARCH 452.

CRN	Type	Section	Time	Days	Location	Instructor
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30282	lecture-discussion	B	09:30 AM - 10:50 AM	MTWR	room 301 Architecture Bldg	Erwin, W
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552 **Soil Mech and Foundations** credit: 4 hours.

Soil properties and site exploration; stresses in soils; soil consolidation and settlement; shear strength of soils; bearing capacity; design and spread and combined footings; mats; pile foundations; lateral soil pressure and retaining walls. Credit is not given for both this course and either of the courses it replaces (existing ARCH 552 and ARCH 557). Prerequisite: ARCH 452 and ARCH 551.

CRN	Type	Section	Time	Days	Location	Instructor
30319	lecture-discussion	G	06:30 PM - 07:50 PM	TR	room 120 Architecture Bldg	Ali, M

553 **Adv Reinforced Concrete Design** credit: 3 hours.

Critical review of the analysis, methods, and specifications involved in the design and behavior of reinforced concrete structures for buildings, including tall buildings, plates, and shells; computer applications. Prerequisite: ARCH 551; credit or concurrent registration in ARCH 560 or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
30320	lecture-discussion	D	04:30 PM - 05:50 PM	MW	room 301 Architecture Bldg	Ali, M

554 **Adv Steel Design** credit: 3 hours.

Advanced topics in the design of steel structures; critical study of the AISC specification; design of steel members and their connections; composite structures; and the analysis and design of continuous structures and tall buildings. Prerequisite: ARCH 560 or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
44155	lecture-discussion	S	11:00 AM - 12:20 PM	TR	room 301 Architecture Bldg	Erwin, W

556 **Advanced Structural Planning** credit: 4 hours.

Study of the loads, functional and spatial requirements, and construction problems in the selection and design of structural systems for buildings; cost estimates; and integration of mechanical and electrical equipment. Prerequisite: ARCH 552 and ARCH 553; credit or concurrent registration in ARCH 554 and ARCH 555, or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
30321	lecture-discussion	AL	08:00 AM - 09:20 AM	TR	room 301 Architecture Bldg	Kansler, J

559 **Structural Masonry Design** credit: 3 hours.

Engineering properties of masonry materials; codes and standards for masonry structures; analysis and design of masonry structures including multistory buildings and arches. Prerequisite: ARCH 452 or equivalent.

CRN	Type	Section	Time	Days	Location	Instructor
46247	lecture-discussion	S	08:00 AM - 09:20 AM	MW	room 301 Architecture Bldg	Erwin, W

565 **Design/Behavior Studio** credit: 6 hours.
Same as LA 565. See LA 565.

CRN	Type	Section	Time	Days	Location	Instructor
49810	laboratory-discussion	A	09:00 AM - 11:50 AM	MWF	room 219 Temple Hoyne Buell Hall	Fulton, G

572 **Architectural Design Studio** credit: 6 hours.

Research and individual comprehensive design study for a selected architectural project; special emphasis on site development and the integration of construction technology, structure, and environmental systems. Prerequisite: ARCH 571 or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
30293	laboratory	E1	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Hinders, K
30295	laboratory	E2	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Lerum, V
30297	laboratory	E3	01:00 PM - 04:20 PM	MWF	room 211 Temple Hoyne Buell Hall	Murray, S
30298	laboratory	E4	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Hammann, R
30300	laboratory	E5	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Stallmeyer, J
30302	laboratory	E6	01:00 PM - 04:20 PM	MWF	room 205 Temple Hoyne Buell Hall	Hemingway, E
30303	laboratory	E7	01:00 PM - 04:20 PM	MWF	room 201 Temple Hoyne Buell Hall	Kapp, P
46704	laboratory	E8	01:00 PM - 04:20 PM	MWF	room 201 Temple Hoyne Buell Hall	Armstrong, P

573 **Architectural Design Studio** credit: 4 to 8 hours.

Definitive design thesis focusing on design issues and various building types with optional choices related to the student's particular interests, talents, and capacities. Prerequisite: ARCH 572 or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
45249	laboratory	E1	01:00 PM - 04:20 PM	MWF		Lewis, C
45249: 6 hours						

574 **Architectural Design Studio** credit: 4 to 8 hours.

Continuation of ARCH 573. Prerequisite: ARCH 573 or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
30325	laboratory	E1	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Anthony, K
42937	laboratory	E10	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Hubeli, R
42938	laboratory	E11	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Kansler, J
42939	laboratory	E12	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Kapp, P
42940	laboratory	E13	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Larsen, J
42941	laboratory	E14	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Lerum, V
42942	laboratory	E15	01:00 PM - 04:20 PM	MWF		Lewis, C
51629	laboratory	E16	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Malnar, J
49134	laboratory	E17	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Murray, S
51105	laboratory	E18	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Selby, R

51106	laboratory	E19	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Stallmeyer, J
42929	laboratory	E2	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Armstrong, P
51107	laboratory	E20	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Taylor, M
42930	laboratory	E3	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Bognar, B
42931	laboratory	E4	01:00 PM - 04:50 PM	MWF	room ARR Temple Hoyne Buell Hall	Dearborn, L
42932	laboratory	E5	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Erickson, K
42933	laboratory	E6	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Hammann, R
42934	laboratory	E7	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Hemingway, E
42935	laboratory	E8	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Hicks, S
42936	laboratory	E9	01:00 PM - 04:20 PM	MWF	room ARR Temple Hoyne Buell Hall	Hinders, K

576 **Architectural Design Seminar** credit: 3 or 4 hours.

Presentations and discussions relative to various areas of architectural and environmental design concerns. May be repeated to a maximum of 12 hours. Prerequisite: ARCH 572 or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
48888	conference	CLI	11:00 AM - 12:20 PM	TR	room 102A Architecture Bldg	Hammann, R
48888: 3 hours Topic: Climate Responsive Building Skins						
51245	lecture- discussion	ERI	04:30 PM - 05:50 PM	TR	room 17 Temple Hoyne Buell Hall	Erickson, K
51245: 3 hours						

51249	lecture-discussion	JL	01:00 PM - 02:20 PM	R		Larsen, J
	lecture-discussion	JL	01:00 PM - 02:20 PM	T	room 17 Temple Hoyne Buell Hall	Larsen, J
: 3 hours						
51382	lecture-discussion	KA	09:00 AM - 11:50 AM	F	room 301 Architecture Bldg	Anthony, K
51382: 3 hoursTopic: Entrepreneurship in Design, Diversity, Environment & Behavior						
51798	conference	KF	09:00 AM - 11:50 AM	T	room ARR Temple Hoyne Buell Hall	Bognar, B
51798: 3 hoursTopic: Contemporary Architects and Criticism This course meets in 115 TBH						
51251	lecture-discussion	MT	09:30 AM - 10:50 AM	TR	room 17 Temple Hoyne Buell Hall	Taylor, M
51251: 3 hours						
51247	lecture-discussion	RH	01:00 PM - 02:20 PM	TR	room 102B Architecture Bldg	Hubeli, R
51247: 3 hours						
51244	lecture-discussion	SH	06:00 PM - 08:50 PM	R	room ARR Architecture Bldg	Luu, J; Hicks, S
51244: 3 hoursTopic: generate, per(form): space, media and information. Meets in Arch 4W.						
44428	lecture-discussion	SM	12:30 PM - 03:20 PM	R	room 17 Temple Hoyne Buell Hall	Murray, S
44428: 3 hoursTopic: Curtain Wall Design & ConstructionRestricted to Graduate - Urbana-Champaign.						
46878	conference	UDT	01:00 PM - 02:20 PM	TR	room 102A Architecture Bldg	Hinders, K
46878: 3 hoursTopic: Urban Design Theory						

591 **Spec Prob Arch Hist & Pres** credit: 2 to 4 hours.

Individual investigation of the work of particular architects, of specific buildings, and of the architecture of periods or regions; comparative studies; and aesthetic problems. May be repeated in separate terms to a maximum of 12 hours. Prerequisite: Twelve hours of architectural history or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
51774	conference	PK	ARRANGED			Kapp, P
51774: 2 hours						

30331	conference	RES	09:00 AM - 11:50 AM	S	room ARR 1BRCB	Gordon, J
30331: 2 hoursTopic: Building Restoration Techniques						
47431	conference	SP	ARRANGED			

593 **Spec Prob Arch Practice & Mgt** credit: 2 to 4 hours.

In-depth investigation of emerging issues and specific areas of research interest beyond what is covered in graduate courses of regular offering in the area of architectural practice and management. Students, as individuals or in groups, are expected to propose a research plan and methods for a specific topic of research interest in consultation with the instructor, and execute it under the guidance of the instructor through consultation on a regular basis. (Summer credit: 1 to 6 graduate hours). May be repeated in same and subsequent terms as topics vary to a maximum of 12 hours. Prerequisite: Advanced graduate standing and consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
52009	conference	CX	ARRANGED			Lewis, W
52009: Topic: Construction Execution & Admin						
51929	conference	K	ARRANGED			Kim, M
30333	conference	SP	ARRANGED			
30333: Topic: Special Problems Architectural Practice and Management						

594 **Spec Prob Building Sci & Tech** credit: 2 to 4 hours.

In-depth investigation of emerging issues and specific areas of research interest beyond what is covered in graduate courses of regular offering in the area of building science technology. Students, as individuals or in groups, are expected to propose a research plan and methods for a specific topic of research interest in consultation with the instructor, and execute it under the guidance of the instructor through consultation on a regular basis. May be repeated to a maximum of 12 hours. (Summer credit: 1 to 2 graduate hours). Prerequisite: Advanced graduate standing and consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
51259	conference	GH1	01:00 PM - 03:50 PM	T	room 301 Architecture Bldg	Hall, G
51259: 3 hoursReal Estate Development						
51269	conference	GH2	01:00 PM - 03:50 PM	R	room 301 Architecture Bldg	Hall, G
51269: 3 hoursConstruction Management						
30339	conference	K	ARRANGED			Kim, M
30339: Directed Research in Design Integration						

595 **Spec Prob Struct Theory & Des** credit: 2 to 4 hours.

Individual or group investigation and study in architectural engineering application; research in economy and design in correlation with architectural, mechanical, and structural requirements. May be repeated to a maximum of 12 hours. Prerequisite: Consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
49745	conference	AA	ARRANGED			Aminmansour, A
49745: 3 hours						
30341	conference	SP	ARRANGED			
30341: Topic: Special Problems						
51830	conference	WE	ARRANGED			Erwin, W

596 **Spec Prob Housing Env** credit: 2 to 4 hours.

Individual investigation or research in housing environments involving special issues such as energy conscious design, human-environmental relations, aesthetic theory, government policy, and cultural patterns. May be repeated to a maximum of 12 hours. Prerequisite: Consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
30343	conference	SP	ARRANGED			
30343: Topic: Individual Research						

597 **Spec Prob Arch Design** credit: 2 to 4 hours.

Individual investigation of building types and systems, aesthetic theories, design thesis programming and other problems in architectural design. May be repeated to a maximum of 16 hours. Prerequisite: Consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
52085	conference	CGL	ARRANGED			Lewis, C
47781	conference	KA	ARRANGED			Anthony, K

599 **Thesis Research** credit: 0 to 16 hours.

Approved for S/U grading only. May be repeated to a maximum of 16 hours. Prerequisite: Consent of instructor and graduate program coordinator.

CRN	Type	Section	Time	Days	Location	Instructor
10349	independent study		ARRANGED			
10349: Instructor Approval Required						