

Course Schedule - Fall 2004

Architecture

171 *Principles of Arch Design* Credit: 3 hours.

(ARCH 171) Formal fundamentals of architectural design; formal vocabulary, principles, and concepts of architectural design; basic design methods; visualization and analysis of 3D space; skills development in sketching, drafting, rendering, layout, diagramming, modeling, -; and creative problem-solving in two- and three-dimensional exercises.

CRN	Type	Section	Time	Days	Location	Instructor
31345	laboratory	GA	08:30 AM - 12:20 PM	MWF	room ARR Flagg Hall	Armstrong, P
31347	laboratory	T3	08:30 AM - 12:20 PM	MWF	room ARR Flagg Hall	Selby, R
31347: For track 3 Graduate Students only. Students must take ARCH 272 Section T3 concurrently.						

199 *Undergraduate Open Seminar* Credit: 1 to 5 hours.

(ARCH 199) May be repeated.

CRN	Type	Section	Time	Days	Location	Instructor
10337	independent study		ARRANGED			
10337: Instructor Approval Required						
36839	conference	1	03:00 PM - 04:50 PM	TR	room ARR Temple Hoyne Buell Hall	
36839: Topic: Experiencing Architecture.						
36842	conference	171	ARRANGED			Armstrong, P
36842: 1 hours						
36841	conference	272	ARRANGED			Hinders, K
36841: 1 hours						
36832	conference	ITA	03:00 PM - 04:20 PM	MW	room 134 Temple Hoyne Buell Hall	Kaha, A
36832: 3 hoursTopic: Introduction to Architecture.						
36799	conference	V	ARRANGED			Lapunzina, A
36799: Versailles program students only.						

210 Intro to the Hist of Arch Credit: 3 hours.

(ARCH 210) 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
29940	lecture	F	01:30 PM - 02:50 PM	MW	room 134 Temple Hoyne Buell Hall	Ousterhout, R

231 Anatomy of Buildings Credit: 4 hours.

(ARCH 231) First course in building science and technology with emphases on the anatomy of buildings, including the function, the physical makeup and the working principles of various building systems, components, and materials, their interrelationships and their building design implications. Prerequisite: Sophomore standing or consent of instructor.

Students must register for one lab and one lecture section.

CRN	Type	Section	Time	Days	Location	Instructor
29944	laboratory	AB1	08:00 AM - 09:20 AM	TR	room ARR Flagg Hall	Elvin, G
29941	lecture	AL1	11:00 AM - 12:20 PM	TR	room 66 Library - Main	Elvin, G; Byrne, A; Burgess, M; Gunning, M; Majumdar, J; Chan, M; Sprague, E; Malecha, M; Thomason, A

272 Strategies of Arch Design Credit: 3 hours.

(ARCH 172) Integration of formal with functional fundamentals of architectural design; functional vocabulary, principles, and concepts of architectural design; introduction to precedent study and analysis; basic design and programming methods; skills development in drafting, modeling, layout, rendering, and sketching; and creative problem-solving in two- and three-dimensional exercises. Prerequisite: ARCH 171.

For Architecture students only.

CRN	Type	Section	Time	Days	Location	Instructor
31350	laboratory	T3	08:30 AM - 12:20 PM	MWF	room ARR Flagg Hall	Selby, R

31350: For track 3 Graduate Students only. Students must take ARCH 171, Section T3 concurrently.

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
41389	discussion-recitation	AD1	12:00 PM - 12:50 PM	F	room 325 Temple Hoyne Buell Hall	Harris, D
41389: Hist&Philosoph Perspect, and Western Compартv Cult course.						
41390	discussion-recitation	AD2	01:00 PM - 01:50 PM	F	room 325 Temple Hoyne Buell Hall	Harris, D
41390: Hist&Philosoph Perspect, and Western Compартv Cult course.						
41386	lecture	AL1	04:30 PM - 05:50 PM	TR	room 134 Temple Hoyne Buell Hall	Harris, D
41386: Hist&Philosoph Perspect, and Western Compартv Cult course.						

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

(ARCH 241) 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.

Students must register for one lab and one lecture section.

CRN	Type	Section	Time	Days	Location	Instructor
29952	laboratory	AB1	09:30 AM - 10:50 AM	MW	room 102A Architecture Bldg	Strand, R
31151	laboratory	AB2	09:30 AM - 10:50 AM	MW	room 102B Architecture Bldg	Strand, R
29948	lecture	AL1	09:30 AM - 10:50 AM	TR	room 134 Temple Hoyne Buell Hall	Strand, R

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

(ARCH 242) 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.

CRN	Type	Section	Time	Days	Location	Instructor
29962	laboratory	AB1	09:30 AM - 10:50 AM	TR	room 102A Architecture Bldg	Boubekri, M
31150	laboratory	AB2	09:30 AM - 10:50 AM	TR	room 102B Architecture Bldg	Boubekri, M
29958	lecture	AL1	09:30 AM - 10:50 AM	MW	room 120 Architecture Bldg	Boubekri, M

351 Statics & Dynamics Credit: 4 hours.

(ARCH 251) Study of equilibrium of rigid bodies in two and three dimensions; trusses; shear and bending moments in beams; arches and frames; cables; friction; introduction to dynamics; architectural applications. Prerequisite: MATH 220.

Students must register for one lab and one lecture section.

CRN	Type	Section	Time	Days	Location	Instructor
31370	laboratory	AB1	ARRANGED			Krishnan, S
31370: Versailles program students only.						
31374	lecture	AL1	ARRANGED			Krishnan, S
31374: Versailles program students only.						
31362	laboratory	BB1	03:00 PM - 04:20 PM	TR	room 102A Architecture Bldg	Graf, D
39896	laboratory	BB2	03:00 PM - 04:20 PM	TR	room 102B Architecture Bldg	Graf, D
39897	laboratory	BB3	03:00 PM - 04:20 PM	TR	room 301 Architecture Bldg	Graf, D
31365	lecture	BL1	09:30 AM - 10:50 AM	TR	room 120 Architecture Bldg	Graf, D

373 Arch Design & the Landscape Credit: 3 hours.

(ARCH 271) The building in - a landscape setting; creation of place; -schematic building design and site planning theory issues, including accessibility; principles of energy efficient building design; human/landscape relationship issues; and architectural design and presentation methods. Prerequisite: ARCH 272.

For Architecture students only.

CRN	Type	Section	Time	Days	Location	Instructor
31351	laboratory	E1	01:30 PM - 05:50 PM	MWF	room ARR Architecture Bldg	Dearborn, L
31352	laboratory	E2	01:30 PM - 05:50 PM	MWF	room ARR Architecture Bldg	Dearborn, L; Kamm, T
31353	laboratory	E3	01:30 PM - 05:50 PM	MWF	room ARR Architecture Bldg	Dearborn, L; Mooney, R
31354	laboratory	E4	01:30 PM - 05:50 PM	MWF	room ARR Architecture Bldg	Dearborn, L; Hutson, K
41853	laboratory	E5	01:30 PM - 05:50 PM	MWF	room ARR Architecture Bldg	Dearborn, L; Stallmeyer, J
31355	laboratory	V	ARRANGED			Lapunzina, A; Meehan, P

31355: Versailles program students only.

399 Study in Versailles, France Credit: 0 hours.

(ARCH 299) Study in the University of Illinois Architectural Program at Versailles, France. Prerequisite: Concurrent registration in the full-time program at Versailles through the Chicago or Urbana-Champaign Campus.

CRN	Type	Section	Time	Days	Location	Instructor
29967	conference	V	ARRANGED			Lapunzina, A
29967: Versailles program students only.						

400 Senior Honors in Architecture Credit: 1 to 3 hours.

(ARCH 200) For candidates for honors in architecture. Independent guided study and research in a selected area of architecture. 3 undergraduate hours. No graduate credit. (Summer session, 1 to 3 undergraduate hours). 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						
29969	conference	V	ARRANGED			Baumgartner, K
29969: Versailles program students only.						

401 Independent Study Credit: 0 to 4 hours.

(ARCH 301) Independent guided study and investigation in a selected area of architecture. May be repeated. Prerequisite: Junior standing in architecture, written proposal approved by sponsoring faculty member and the Directory 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						
41571	independent study		ARRANGED			
41571: Instructor Approval Required						
31359	conference	373	01:30 PM - 04:20 PM	F	room 134 Temple Hoyne Buell Hall	Dearborn, L; Hutson, K; Mooney, R;

						Kamm, T; Stallmeyer, J
31359: 2 hours						
31357	conference	V	ARRANGED			Lapunzina, A; Meehan, P
31357: Versailles program students only.						
31358	conference	VER	ARRANGED			
42448	conference	W	06:00 PM - 07:20 PM	TR	room 102A Architecture Bldg	Graf, D
42448: 4 hours Topic: Wood Design and Construction. Note: Non-Structures Option Students Only.						

411 *Early Byzantine Arch* Credit: 3 hours.

(ARCH 311) ARCH and urban design of the early Christian era, the Byzantine Empire, southeastern European lands under Byzantine cultural influence, and medieval Russia; from circa 300 to circa 1500. Prerequisite: ARCH 210, ARTH 111, or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
39898	lecture	L	08:00 AM - 09:20 AM	MW	room 120 Architecture Bldg	Ousterhout, R

412 *Medieval Architecture* Credit: 3 hours.

(ARCH 312) The development of Romanesque and Gothic architecture and urban design. Prerequisite: ARCH 210, ARTH 111, or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
29972	lecture	V	ARRANGED			Williamson, R
29972: Note: For Architecture Versailles Program students only.						

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

(ARCH 314) 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
42617	lecture	V	ARRANGED			Williamson, R
42617: Note: For Architecture Versailles Program students only.						

415 *Neoclass & Nineteen Cent Arch* Credit: 3 hours.

(ARCH 315) Evolution of Continental and British architecture and urban planning from 1750 to World War I; includes some reference to American architecture of the same period. Prerequisite: ARCH 210 or ARTH 112, or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
39899	lecture	H	03:00 PM - 04:20 PM	TR	room 134 Temple Hoyne Buell Hall	Kruty, P

418 *Hist of the Urban Environment* Credit: 3 hours.

(ARCH 318) Examines the evolution of town planning and urban design in Western civilization from prehistory to the present; studies cultural and technical advancements affecting the form of the urban environment.

CRN	Type	Section	Time	Days	Location	Instructor
29976	lecture	D	11:00 AM - 12:20 PM	MW	room 120 Architecture Bldg	Garner, J

424 *Gender & Race in Contemp Arch* Credit: 3 hours.

(ARCH 324) Analyzes how the built environment reflects social attitudes towards gender and race. Identifies the work of women and people of color in architecture and related disciplines as consumers, critics, and creators of the environment. Provides links with valuable professional networks in Chicago and elsewhere. Same as GWS 424. Prerequisite: Junior standing or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
39900	lecture-discussion	B	09:30 AM - 10:50 AM	MW	room 210A Architecture Bldg	Anthony, K

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

(ARCH 351) 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
29980	laboratory	AB1	08:00 AM - 09:20 AM	MW	room 102A Architecture Bldg	Aminmansour, A
31148	laboratory	AB2	08:00 AM - 09:20 AM	MW	room 102B Architecture Bldg	Aminmansour, A
29984	lecture	AL1	08:00 AM - 09:20 AM	TR	room 120 Architecture Bldg	Aminmansour, A

452 Theory of Reinforced Concrete Credit: 4 hours.

(ARCH 352) 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
29991	laboratory	AB1	11:00 AM - 12:20 PM	MW	room 102A Architecture Bldg	Erwin, W
31149	laboratory	AB2	11:00 AM - 12:20 PM	MW	room 102B Architecture Bldg	Erwin, W
29996	lecture	AL1	11:00 AM - 12:20 PM	TR	room 120 Architecture Bldg	Erwin, W

475 Arch Design & Development Credit: 6 hours.

(ARCH 371) Intermediate building and environmental design; issue-oriented building problems; urban design theory; intermediate building design and site planning theory; human-environment relationships theory; and architectural design and presentation methods. 6 undergraduate hours. No graduate credit. Prerequisite: ARCH 374.

CRN	Type	Section	Time	Days	Location	Instructor
36845	laboratory	E1	01:30 PM - 05:50 PM	MWF	room ARR Architecture Bldg	Bognar, B
36859	laboratory	E11	01:30 PM - 05:50 PM	MWF	room ARR Architecture Bldg	
36847	laboratory	E2	01:30 PM - 05:50 PM	MWF	room ARR Architecture Bldg	Ataman, O
36849	laboratory	E3	01:30 PM - 05:50 PM	MWF	room ARR Architecture Bldg	Baumgartner, K
36851	laboratory	E4	01:30 PM - 05:50 PM	MWF	room ARR Architecture Bldg	Poss, J
36853	laboratory	E5	01:30 PM - 05:50 PM	MWF	room ARR Architecture Bldg	Klingenberg, K
36854	laboratory	E6	01:30 PM - 05:50 PM	MWF	room ARR Architecture Bldg	Martinez, M
36857	laboratory	E7	01:30 PM - 05:50 PM	MWF	room ARR Architecture Bldg	Reifsteck, C

476 Arch Design & Exploration Credit: 6 hours.

(ARCH 372) Schematic design, design development, and construction documents of a small scale (10,000 square feet) public building emphasizing the integration of the basic elements of building, structural, and environmental technologies. 6 undergraduate hours. No graduate credit. Prerequisite: ARCH 475; credit or concurrent registration in ARCH 341 and 342.

CRN	Type	Section	Time	Days	Location	Instructor
42615	laboratory	E1	01:30 PM - 05:50 PM	MWF	room ARR Architecture Bldg	Ataman, O; Klingenberg, K; Bognar, B; Baumgartner, K

498 Directed Research in Arch Credit: 4 hours.

(ARCH 398) 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. Students may register in different sections of this course to a maximum of 8 hours. Prerequisite: Approval of written proposal by instructor and Director of School.

CRN	Type	Section	Time	Days	Location	Instructor
31375	conference	A	ARRANGED			Anderson, J
31375: Topic: Materials Research						
31376	conference	BRC	ARRANGED			
31378	conference	EBR	ARRANGED			
31378: Topic: Environment / Behavior						

499 Off-Campus Study Credit: 0 to 12 hours.

(ARCH 399) Provides opportunity for approved off-campus study. Detailed proposal for study off campus must be submitted for approval to the appropriate committee in the School prior to such study. Final determination of credit and its application toward the degree is made after a review of the student's off-campus work by the above committee and the Director of School. Prerequisite: Senior or graduate standing in architecture and approval of program prior to registration.

CRN	Type	Section	Time	Days	Location	Instructor
29990	conference	A	ARRANGED			Bognar, B

501 Architectural Practice Credit: 4 hours.

(ARCH 330) Role of the architect in the building enterprise, professional ethics, and the conduct of professional practice; legal aspects of architectural practice and building construction; introduction of business management, marketing, operational procedures, financial planning, and cost control of architectural practices; and the administration of construction contracts. Prerequisite: Graduate standing or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
30001	lecture-discussion	U	03:00 PM - 04:20 PM	TR	room 120 Architecture Bldg	Gorski, S

510 History of World Landscapes Credit: 4 hours.

Same as LA 513. See LA 513.

CRN	Type	Section	Time	Days	Location	Instructor
41391	discussion-recitation	AD1	12:00 PM - 12:50 PM	F	room 325 Temple Hoyne Buell Hall	
41392	discussion-recitation	AD2	01:00 PM - 01:50 PM	F	room 325 Temple Hoyne Buell Hall	
41387	lecture	AL1	04:30 PM - 05:50 PM	TR	room 134 Temple Hoyne Buell Hall	Harris, D

517 *Develop of Cont Arch Thought* Credit: 4 hours.

(ARCH 417) Examination of the development of the philosophy of significant modern and contemporary architectural writers and architects in relation to their projects and executed work. Prerequisite: ARCH 415 and 416, or equivalent as determined by the instructor.

CRN	Type	Section	Time	Days	Location	Instructor
39901	lecture-discussion	A	10:00 AM - 11:20 AM	TR	room 210A Architecture Bldg	Kruty, P

519 *Consev of Building Materials* Credit: 3 or 4 hours.

(ARCH 419) Examination, analysis, and pathologies of building materials and techniques for treatment and repair of historic buildings. Emphasis is on conservation of traditional masonry, concrete, and metals. Field trips and lab work. To receive 4 hours credit, students must participate in lab. Prerequisite: ARCH 419.

CRN	Type	Section	Time	Days	Location	Instructor
30008	lecture-discussion	T	03:00 PM - 05:50 PM	W	room 408 Architecture Bldg	Jackson, M

534 *Building Economics* Credit: 4 hours.

(ARCH 434) Study of factors affecting cost of building including: the building market, construction cost, estimates and cost control, time value of money and building life-cycle cost, measuring the worth of investments, depreciation and tax consideration of cash-flows. Prerequisite: Graduate standing or consent of instructor

CRN	Type	Section	Time	Days	Location	Instructor
30009	lecture-discussion	B	06:00 PM - 08:50 PM	M	room 102A Architecture Bldg	Boubekri, M
30009: Instructor Approval Required						

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

(ARCH 444) 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
30012	lecture-discussion	D	11:00 AM - 12:20 PM	MTWR	room 17 Temple Hoyne Buell Hall	Kim, M

547 Architectural Practice Studio Credit: 8 hours.

(ARCH 447) Comprehensive building design with emphasis on holistic design integration for optimum performance and constructability with best possible economy under the realistic temporal, technical, legal, and budgetary limitations. The projects, typically real ones, are executed through partial construction document phase through collaborative design by project teams. (Day-long Friday field trips). Prerequisite: ARCH 534 and 545; or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
30014	laboratory	AB1	12:00 PM - 02:50 PM	TR	room ARR Temple Hoyne Buell Hall	Kim, M
	laboratory	AB1	04:30 PM - 05:50 PM	MWF	room ARR Temple Hoyne Buell Hall	Kim, M
30017	lecture-discussion	AE1	01:30 PM - 04:20 PM	MWF	room 17 Temple Hoyne Buell Hall	Kim, M

551 Structural Analysis Credit: 4 hours.

(ARCH 355) Advanced problems in the analysis of statically determinate structures; general theories and methods of analysis of statically indeterminate structures by geometric and energy methods; and introduction to theory of plastic design. Prerequisite: ARCH 451 and 452.

CRN	Type	Section	Time	Days	Location	Instructor
30917	laboratory	AB1	09:30 AM - 10:50 AM	TR	room 301 Architecture Bldg	Erwin, W
30918	lecture	AL1	09:30 AM - 10:50 AM	MW	room 301 Architecture Bldg	Erwin, W

552 Foundation Engineering Credit: 4 hours.

(ARCH 452) Soil mechanics and site exploration; design of spread footings, combined footings, piles, and caissons; and foundation walls and retaining walls in reinforced concrete. Prerequisite: ARCH 551 or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
39904	lecture-discussion	F	11:00 AM - 12:20 PM	MW	room 301 Architecture Bldg	Ali, M

557 Soil Mechanics Credit: 4 hours.

(ARCH 457) Classification of soils; hydraulic properties and flow of water; strength and deformation properties; consolidation of soil and settlement analysis; soil exploration; bearing capacity of soils; lateral earth pressure theory; introduction to foundations. Prerequisite: ARCH 452.

CRN	Type	Section	Time	Days	Location	Instructor
30027	lecture-discussion	G	03:00 PM - 04:20 PM	MW	room 301 Architecture Bldg	Ali, M

559 Structural Masonry Design Credit: 4 hours.

(ARCH 459) 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
39906	lecture-discussion	S	01:30 PM - 02:50 PM	TR	room 301 Architecture Bldg	Mitalski, M

560 Advanced Structural Analysis Credit: 4 hours.

(ARCH 451) Advanced theory and analysis of statically indeterminate structures, recognizing effects due to temperature, settlement, and fabrication errors; matrix methods focusing on computer analysis techniques; introduction to plastic analysis and design. Prerequisite: ARCH 551.

CRN	Type	Section	Time	Days	Location	Instructor
30919	lecture-discussion	E	11:00 AM - 12:20 PM	TR	room 301 Architecture Bldg	Wickersheimer, D

563 Soc/Beh Research Designed Env Credit: 4 hours.

(ARCH 463) Introduction to methods and techniques of systematically generating social and behavioral information relevant to the programming, design, and evaluation of physical environments. Same as LA 563. Prerequisite: Graduate standing in architecture, landscape architecture, or urban and regional planning.

CRN	Type	Section	Time	Days	Location	Instructor
36894	lecture-discussion	C	11:00 AM - 12:20 PM	TR	room 102A Architecture Bldg	Anderson, J

565 **Design/Behavior Studio** Credit: 6 hours.
 (ARCH 465) Same as LA 565. See LA 565.

CRN	Type	Section	Time	Days	Location	Instructor
33157	laboratory	1	02:00 PM - 04:50 PM	MWF	room 219 Temple Hoyne Buell Hall	Harkness, T

571 **Architectural Design Studio** Credit: 6 hours.

(ARCH 373) Design studies of intermediate size building types; planned communities; civic and social facilities at the community and urban scale; and collaboration among the several disciplines involved in planning the human habitat: urban planning, landscape architecture, sociology, and economics. Prerequisite: ARCH 476.

CRN	Type	Section	Time	Days	Location	Instructor
36861	laboratory	E1	01:30 PM - 05:50 PM	MWF	room ARR Temple Hoyne Buell Hall	Malnar, J
36868	laboratory	E2	01:30 PM - 05:50 PM	MWF	room ARR Temple Hoyne Buell Hall	Plummer, H
36872	laboratory	E3	01:30 PM - 05:50 PM	MWF	room ARR Temple Hoyne Buell Hall	Warfield, J
36865	laboratory	E4	01:30 PM - 05:50 PM	MWF	room ARR Temple Hoyne Buell Hall	Reifsteck, C
36882	laboratory	E5	01:30 PM - 05:50 PM	MWF	room ARR Temple Hoyne Buell Hall	Hinders, K
36887	laboratory	E6	01:30 PM - 05:50 PM	MWF	room ARR Temple Hoyne Buell Hall	
36890	laboratory	E7	01:30 PM - 05:50 PM	MWF	room ARR Temple Hoyne Buell Hall	
36885	laboratory	E8	01:30 PM - 05:50 PM	MWF	room ARR Temple Hoyne Buell Hall	

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

(ARCH 374) 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
30034	laboratory	E1	01:30 PM - 05:50 PM	MWF	room ARR Temple Hoyne Buell Hall	
39908	laboratory	S	01:30 PM - 05:50 PM	MWF	room 410 Architecture Bldg	Hinders, K; Mitalski, M
39908: Structures Option Students Only						

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

(ARCH 471) 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
36900	laboratory	E1	01:30 PM - 05:50 PM	MWF	room ARR Architecture Bldg	Armstrong, P

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

(ARCH 472) Continuation of ARCH 573. Prerequisite: ARCH 573 or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
30036	laboratory	E1	ARRANGED			

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

(ARCH 476) 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
40267	lecture-discussion	LD	09:00 AM - 11:50 AM	F	room 210A Architecture Bldg	Dearborn, L
40267: 4 hours Topic: Housing and Society.						

577 *Theory of Architecture* Credit: 3 or 4 hours.

(ARCH 477) Review of principles of architectural design; factors in programming architectural requirements; design development; and evaluation and criticism. Prerequisite: ARCH 572 or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
30038	conference	BB	04:30 PM - 07:20 PM	T	room 102B Architecture Bldg	Bognar, B

30038: Instructor Approval RequiredTopic: Japanese Architecture						
41511	conference	PP	02:00 PM - 04:50 PM	R	room 210A Architecture Bldg	Pyla, P
41511: Topic: Architecture Theory and Culture, 1950-1990						

591 Spec Prob Arch Hist & Pres Credit: 2 to 12 hours.

(ARCH 491) 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 to a maximum of 12 hours.

Prerequisite: Twelve hours of architectural history or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
39916	conference	PK	ARRANGED			
39916: Thesis Program						
39914	conference	RO	ARRANGED			Ousterhout, R
39914: Thesis Program						
30041	conference	SP	ARRANGED		room 408 Architecture Bldg	Garner, J
30041: 2 hoursThesis Program						

593 Spec Prob Arch Practice & Mgt Credit: 1 to 12 hours.

(ARCH 493) 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
31388	conference	GE	ARRANGED			
31390	conference	SP	ARRANGED			

594 Spec Prob Building Sci & Tech Credit: 1 to 12 hours.

(ARCH 494) 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
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31398	conference	CX	04:30 PM - 07:00 PM	T	room ARR Temple Hoyne Buell Hall	
31398: Topic: Construction Execution and Administration						
31399	conference	F	03:00 PM - 05:50 PM	TR	room 17 Temple Hoyne Buell Hall	Kim, M
31399: Topic: Building Programming and Concept Development						
38855	conference	K	ARRANGED			Kim, M
38855: Topic: Directed research in building science and technology.						
31400	conference	M	08:00 AM - 09:20 AM	MW	room 17 Temple Hoyne Buell Hall	Strand, R
31400: Topic: Building Mechanical Systems						
31401	conference	SP	ARRANGED			Boubekri, M

595 Spec Prob Struct Theory & Des Credit: 2 to 12 hours.

(ARCH 495) 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
31402	conference	IN	10:00 AM - 12:50 PM	F	room 102A Architecture Bldg	Aminmansour, A
31402: 4 hours						
31403	conference	SP	ARRANGED			Ali, M
31403: Topic: Special Problems						

596 Spec Prob Housing Env Credit: 3 to 6 hours.

(ARCH 496) 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: ARCH 572 or consent of instructor

CRN	Type	Section	Time	Days	Location	Instructor
30043	laboratory	A	ARRANGED			Dearborn, L
30043: Topic: Individual Research						

597 Spec Prob Arch Design Credit: 3 to 12 hours.

(ARCH 497) 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: ARCH 572 or

consent of instructor

CRN	Type	Section	Time	Days	Location	Instructor
41804	conference	LD	ARRANGED			Dearborn, L
41799	conference	PP	ARRANGED			Pyla, P
30044	conference	SP	ARRANGED			
30044: Topic: Special Problems						

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

(ARCH 499) May be repeated to a maximum of 16 hours. Approved for S/U grading only. Prerequisite: Consent of instructor and graduate program coordinator.

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