

# SCHOOL OF ARCHITECTURE

## COURSES AVAILABLE TO FIRST-YEAR ARCHITECTURE STUDENTS

FALL 2018

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## Languages

Course Prefix	Course Number	Course Title and Credit Hours	Course Description
ARB	101	<b>Arabic I (4)</b>	Proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Arabic. Students cannot enroll in ARB 101 after successfully completing ARB 102, 201 or ARB 202 or higher.
CHI	101	<b>Chinese I (4)</b>	Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Chinese. No prior experience or admission by placement testing. Students cannot enroll in CHI 101 after successfully completing CHI 102, CHI 201, or CHI 202 or higher.
CHI	201	<b>Chinese III (4)</b>	Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Chinese. Students cannot enroll in CHI 201 after earning credit for CHI 202 or higher.
FRE	101	<b>French I (4)</b>	Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in French. No prior experience or admission by placement testing. Students cannot enroll in FRE 101 after earning credit for FRE 102, FRE 201, FRE 202, or higher.
FRE	102	<b>French II (4)</b>	Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in French. Students cannot enroll in FRE 102 after successfully completing FRE 201, FRE 202 or higher.
FRE	201	<b>French III (4)</b>	Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in French. Students cannot enroll in FRE 201 after successfully completing FRE 202 or higher.
GRE	101	<b>Ancient Greek I (4)</b>	Introductory course which prepares students to acquire a reading knowledge of Classical Attic Greek, focusing on morphology and syntax, and its role in the culture and literature of ancient Greek society. No prior experience or admission by placement testing. Students cannot enroll in GRE 101 after successfully completing GRE 102, GRE 201, or GRE 202 or higher.
HIN	101	<b>Hindi/Urdu I (4)</b>	Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Hindi/Urdu. Students cannot enroll in HIN101 after successfully completing HIN 102, HIN 201, or HIN 202 or higher.

ITA	101	<b>Italian I (4)</b>	Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Italian. No prior experience or admission by placement testing. Students cannot enroll in ITA 101 after successfully completing ITA 102, ITA 201, or ITA 202 or higher.
JPS	101	<b>Japanese I (4)</b>	Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Japanese. No prior experience or admission by placement testing. Students cannot enroll in JPS 101 after successfully completing JPS102, JPS 201, or JPS 202 or higher.
KOR	101	<b>Korean I (4)</b>	Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Korean. Students cannot enroll in KOR 101 after earning credit for KOR 102, KOR 201, KOR 202, or higher.
LAT	101	<b>Latin I (4)</b>	Introductory course which prepares students to acquire a reading knowledge of classical Latin, focusing on morphology and syntax, and its role in the culture and literature of ancient Roman society. Students cannot enroll in LAT 101 after earning credit for LAT 102, LAT 201, LAT 202, or higher.
POL	101	<b>Polish I (4)</b>	Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Polish. No prior experience or admission by placement testing. Students cannot enroll in POL 101 after earning credit for POL 102, POL 201, POL 202, or higher.
RUS	101	<b>Russian I (4)</b>	Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Russian. No prior experience or admission by placement testing. Students cannot enroll in RUS 101 after successfully completing RUS102, RUS 201, or RUS 202 or higher.
SPA	101	<b>Spanish I (4)</b>	Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Spanish. No prior experience or admission by placement testing. Students cannot enroll in SPA 101 after successfully completing SPA 102, SPA 201, or SPA 202 or higher.
SPA	102	<b>Spanish II (4)</b>	Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in Spanish. Students cannot enroll in SPA 102 after successfully completing SPA 201, SPA 202 or higher.
SPA	201	<b>Spanish III (4)</b>	Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Spanish. Students cannot enroll in SPA 201 after successfully completing SPA 202 or higher.
SPA	202	<b>Spanish IV (4)</b>	Continuing proficiency-based course which focuses on reading, discussing, and analyzing authentic texts as a basis for the expression and interpretation of meaning. Conducted in Spanish. Students cannot enroll in SPA 202 after earning credit for a course higher than SPA 202.

## Quantitative

Course Prefix	Course Number	Course Title and Credit Hours	Course Description
MAT	121	<b>Probability and Statistics for the Liberal Arts I (4)</b>	First in a two-course sequence. Teaches probability and statistics by focusing on data and reasoning. Topics include displaying data, numerical measures of data, elementary probability, discrete distributions, normal distributions, confidence intervals. NOTE: A student cannot receive credit for MAT 121 after completing STT 101 or any MAT course numbered above 180 with a grade of C or better.
MAT	221	<b>Elementary Probability and Statistics I (4)</b>	First of a two-course sequence. For students in fields that emphasize quantitative methods. Probability, design of experiments, sampling theory, introduction of computers for data management, evaluation of models, and estimation of parameters.
MAT	285	<b>Life Sciences Calculus I (3)</b>	Functions and their graphs, derivatives and their applications, differentiation techniques, the exponential and logarithm functions, multivariable differential calculus including constrained optimization. MAT 285 may not be taken for credit after successful completion of MAT 284 or MAT 295. Prereq: Must have a C- or better in MAT 194 or equivalent.
MAT	286	<b>Life Sciences Calculus II (3)</b>	Antidifferentiation; the definite integral and applications; first order differential equations with applications. Cannot be taken for credit after successfully completing MAT 296.
MAT	295	<b>Calculus I (4)</b>	Analytic geometry, limits, derivatives, maxima-minima, related rates, graphs, differentials, exponential and logarithmic functions, mean-value theorem, integration. For science majors. MAT 295 may not be taken for credit after successful completion of MAT 286. Prereq: C- or better in MAT 194 or equivalent.
MAT	296	<b>Calculus II (4)</b>	Integration: the definite integral and applications; trigonometric functions, methods of integration, improper integrals, infinite series, elementary differential equations, parametric equations, polar coordinates.

## Humanities

Course Prefix	Course Number	Course Title and Credit Hours	Course Description
AAS	138	<b>Writing About Black Culture (3)</b>	Expository writing based on cogent analysis of African American literature, art, music, and history ideas.
ANT	185	<b>Global Encounters: Comparing World Views &amp; Values Cross Culturally (3)</b>	Predominant views of reality and values in the cultures of Asia, Africa, and the Americas. Humanistic study of cultures and nature of cross-cultural understanding.
ETS	121	<b>Introduction to Shakespeare (3)</b>	Selected plays of Shakespeare read in conjunction with performances on video and CD-ROM.
ETS	153	<b>Interpretation of Fiction (3)</b>	Critical study of fiction from more than one historical period. Formal, theoretical, and interpretive issues.
ETS	171	<b>World Cinema (3)</b>	International history of film from beginnings to present.
ETS	181	<b>Class and Literary Texts (3)</b>	Construction and representation of "class," especially as it affects the production and reception of literary and other cultural texts.
ETS	184	<b>Ethnicity and Literary Texts: Introduction to Arab American Literature &amp; Culture (3)</b>	Ethnicity in literary and theoretical texts. Emphasizing conceptual paradigms, social issues, and aesthetic considerations in the practice of reading texts from ethnically differentiated literary traditions.
ETS	192	<b>Gender and Literary Texts (3)</b>	Construction and representation of "gender," Especially as it affects the production and reception of literary and other cultural Texts.
HOM	165	<b>Understanding Music I (3)</b>	The art of music. Development of musical styles in the West from ancient Greece through the Middle Ages and Renaissance. Assumes no prior musical knowledge.
HST	111	<b>Early Modern Europe, 1350–1815 (3)</b>	Major characteristics of European political, social, and cultural life from Middle Ages to advent of democratic revolutions.
LIN	201	<b>The Nature and Study of Language (3)</b>	Introduction to the study of human language. Language change and diversity, usage, meaning, phonetics, grammatical description, and language learning.
LIT	101	<b>Introduction to Classical Literature (3)</b>	Major popular and influential genres of classical literature. Heroic tradition in epic and tragic spirit of epic and drama. Birth of comedy.
MES	165	<b>Discovering Islam (3)</b>	Islam as a faith and a civilization. Understanding its origins, beliefs, rituals, and the historical development of its intellectual traditions in the pre-

			modern and modern eras, and its geographic, cultural and theological diversity today.
PHI	107	<b>Theories of Knowledge and Reality (3)</b>	An introduction to some major questions about knowledge and reality, such as the existence of God, the mind-body problem, free will and the nature and limits of knowledge. Historical and contemporary readings.
PHI	125	<b>Political Theory (3)</b>	Introduction to theories of major modern political philosophers (Locke, Rousseau, Hume, J.S. Mill, Marx). Contemporary theories of liberty, justice, and equality.
PHI	175	<b>Introduction to Social and Political Philosophy (3)</b>	Classical and contemporary readings on basic topics in social and political philosophy; political obligation and authority, justice and basic rights, liberty and equality, the justification of democracy.
PHI	192	<b>Introduction to Moral Theory (3)</b>	Major philosophical theories about moral rightness, virtue, and the good life, such as utilitarian, Kantian, and Aristotelian theories. Historical and contemporary sources. Credit cannot be received for both PHI 192 and PHI 209.
PHI	197	<b>Human Nature (3)</b>	Philosophical theories of human nature, their underlying metaphysical claims, and their ethical consequences.
REL	131	<b>Great Jewish Writers (3)</b>	Introduction to fiction by Jewish authors. Topics include modernization, rebellion against authority, alienation, childhood, superstition, and the holocaust. Some films included.
REL	156	<b>Christianity (3)</b>	Christianity's institutional forms, sacred writings, ideas and beliefs, worship practices, cultural and creative expressions, ethical and political roles in society, from antiquity to the present. How Christianity addresses human needs, concerns, and desires.
REL	165	<b>Discovering Islam (3)</b>	Islam as a faith and a civilization. Understanding its origins, beliefs, rituals, and the historical development of its intellectual traditions in the pre-modern and modern eras, and its geographic, cultural and theological diversity today.
REL	185	<b>Hinduism (3)</b>	Religious life of contemporary Hindus in India: gods, goddesses, and other divines; worship; sectarian movements; and rituals in the home, at temples, and at other holy sites.
SAS	185	<b>Hinduism (3)</b>	Religious life of contemporary Hindus in India: gods, goddesses, and Other divines; worship; sectarian movements; and rituals in the home, at temples, And at other holy sites.

## Social Sciences

Course Prefix	Course Number	Course Title and Credit Hours	Course Description
ANT	141	<b>Introduction to Archaeology and Prehistory (3)</b>	Survey of the prehistoric past spanning the origins of humankind through the rise of complex societies. Class activities and field trips provide a hands-on introduction to archaeological interpretation.
ANT	185	<b>Global Encounters: Comparing World Views &amp; Values Cross-Culturally (3)</b>	Predominant views of reality and values in the cultures of Asia, Africa, and the Americas. Humanistic study of cultures and nature of cross-cultural understanding.
ECN	101	<b>Principles of Microeconomics (3)</b>	Consumer demand, theory of production, markets and prices, social welfare, and related topics.
ECN	203	<b>Economic Ideas and Issues (3)</b>	Foundation of modern Western economic thought. The model economists have built on this foundation as applied to current issues facing individuals and society. Credit is given for either ECN 203 or ECN 101, 102 or ECN 109.
GEO	105	<b>World Urban Geography (3)</b>	Survey of world, urban geography. Major concepts of human geography for non-specialists.
GEO	155	<b>The Natural Environment (3)</b>	Patterns of the physical phenomena at and near the surface of the earth. Surface configuration, climate, vegetation, and soil and their areal interrelationships.
GEO	171	<b>Human Geographies (3)</b>	An integrative overview to human geography. Topics include human-environmental relations, demographic change, cultural landscape, urban and agricultural land use and economic restructuring.
GEO	272	<b>World Cultures (3)</b>	The globalization of culture and the persistence of local cultures around the world. Case studies from different regions of the world examine geographical processes that shape ways of life.
HST	101	<b>American History to 1865 (3)</b>	Founding and development of institutions. The Revolution and the new nation. Problems of growth and sectionalism. Challenge to the union.
HST	121	<b>Global History to 1750 (3)</b>	The development of global society up to 1750. Exchanges, connections and interactions between Africa, Asia and the Pacific, India, Latin America and the Caribbean, and the Middle East. The relations between these regions, the Americas and Europe.

LLA	201	<b>Elements of Law (3)</b>	Provides an introduction to law and legal institutions. The course is designed to prepare lower-division undergraduates for the further study of legal topics in departments across the College of Arts and Sciences.
MAX	123	<b>Critical Issues for the United States (3)</b>	Interdisciplinary focus on critical issues facing America. Perspectives of social science disciplines on the meaning of the American Dream, its past and its future.
MAX	132	<b>Global Community (3)</b>	Dynamics of worldwide society and its cultures. Global economy and political order. Tensions within these realms. Attempts by different communities to either participate in or to hold themselves aloof from 'global culture'.
NAT	105	<b>Introduction to Native American Studies (3)</b>	Overview of critical issues in Native American Studies: colonization, religious freedom, environment, sovereignty, and politics of identity, interdisciplinary, comparative, and indigenous perspectives in relation to histories, societies, and cultures.
PSC	123	<b>Comparative Government and Politics (3)</b>	Comparison of selected governmental institutions, individual and collective political actors, and issues across the industrialized and developing world. Particular attention to dynamics of socioeconomic and political change.
PSC	124	<b>International Relations (3)</b>	Foreign policy, decision making, comparative foreign policy, international transactions, and the international system. Credit is given for PSC 124 or PSC 139, but not both.
SOC	101	<b>Introduction to Sociology (3)</b>	Principal concepts, methods, and findings in sociology. Societal structures, processes, institutions, and social roles from both macro- and micro analytic human behavior perspectives.
SOC	102	<b>Social Problems (3)</b>	Application of sociological theory and methods to identification, description, and analysis of contemporary social problems. Critique and analysis of alternative strategies for social change.
SOC	248	<b>Ethnic Inequalities and Intergroup Relations (3)</b>	Identification of individuals and groups by self and others as members of ethnic categories. Consequences of ethnic identifications for individual, group, and societal interaction. Emphasizing ethnic inequalities, group interactions, social movements and change, racism, prejudice, and discrimination.
SOC	281	<b>Sociology of Families (3)</b>	Families and their connections to other social and economic institutions. Diversity of family forms and experiences. Formation and dissolution of relationships. Trends and changes.



## Natural Sciences and Mathematics

Course Prefix	Course Number	Course Title and Credit Hours	Course Description
BIO	121	<b>General Biology I (4) (laboratory included)</b>	First course in a survey of biological concepts ranging from the molecular level to global ecology. Units include the nature of science, life chemistry, cell structure and function, photosynthesis and respiration, genetics, and evolution.
CHE	106	<b>General Chemistry Lecture I (3)</b>	Fundamental principles and laws underlying chemical action, states of matter, atomic and molecular structure, chemical bonding, stoichiometry, properties of solutions, chemical equilibria, and introductory thermochemistry. Credit is given for CHE 106 or 109 or CHE 150 but not more than one of these.
CHE	107	<b>General Chemistry Laboratory I (1)</b>	Experimental study of basic principles and techniques of chemistry. States of matter, determination of formulas and molecular weights, simple volumetric and gravimetric analysis, heats of reaction. Equilibrium, rates of reactions, and qualitative analysis. Credit is given for CHE 107 or 129 or CHE 151 but not more than one of these.
CSD	212	<b>Introduction to Communication Sciences and Disorders (3)</b>	Application of biology, physics, anatomy, physiology, and cognitive psychology to processes of speech, language, and hearing. Nature of disruptions to normal communication and scientific principles of prevention, diagnosis, and remediation. Cannot receive credit for both CSD 212 and CSD 303.
EAR	105	<b>Earth Science (3)</b>	Scientific study of our planet, its history, and the processes that shape it and affect humans. Emphasis includes tectonics, continental surfaces, and climate. Lecture and recitation, no laboratory; no prerequisite. Intended for non-majors. Students may receive credit for either EAR 101 or 105 but not both.
GEO	155	<b>The Natural Environment (3)</b>	Patterns of the physical phenomena at and near the surface of the earth. Surface configuration, climate, vegetation, and soil and their areal interrelationships.
PHY	211	<b>General Physics I (3)</b>	First half of a two semester introduction to classical physics including mechanics and thermal physics. Uses calculus. Knowledge of plane trigonometry required. Coreq: PHY 221, MAT 285, or MAT 295.
PHY	212	<b>General Physics II (3)</b>	Second half of a two semester introduction to classical physics including electricity, magnetism and light.

### Other Colleges (this course satisfies an Open Elective requirement)

Course Prefix	Course Number	Course Title and Credit Hours	Course Description
CLS	105	<b>College Learning Strategies (3)</b>	The study and application of strategic approaches to learning. Topics include strategies for managing time, improving memory, managing tasks, creating a study environment, taking notes, monitoring comprehension, studying for and taking exams. Students learn when and how to use these strategies through practice in their currently enrolled courses. They will have the option of creating video podcasts, audio podcasts, wiki writing or blogging to describe their use of strategies. Assignments are designed to be completed with the material required in concurrent courses.
EDU	203	<b>Introduction to Inclusive Schooling (3)</b>	Examining schools and teaching from a disability studies perspective. Topics, issues, values related to inclusive education. Readings, observations and analysis of cultural media.