

SCHOOL OF ARCHITECTURE AND PLANNING

The School of Architecture and Planning offers the Bachelor of Science degree in Architecture and the Bachelor of Science degree in Interior Design. Both degree programs include a common Foundation Year of studies, and students remain as pre-majors of Architecture/Construction Studies until the completion of required coursework in Foundation Year, and successful passage through the Foundation Year Gateway. The School of Architecture and Planning faculty are a very diverse group of scholars and practitioners. Among them are well-recognized educators, scholars, and designers who have achieved national and international recognition for their research, publications, and professional practices.

Foundation Design Studio Courses

The design studio sequence (ARC 1213, ARC 1223, ARC 2156, and ARC 2166) in the first and second years of study are structured as laboratories in order to encourage an engaged and exploratory studio culture. The learning environment of the design studio actively promotes and supports the progressive development of design thinking and making through iterative design practices, discourse, and critical thinking skills. Throughout the sequence, direct engagement with the means, materials, and methods of design serves as a basis for increasingly more abstract and complex design operations. These courses combine graphic, modeling, digital, and verbal visualization techniques and skills in 2D and 3D across multiple mediums and scales. The design laboratory studio sequence supports the incremental development of students' creative and critical thinking practices. These practices address design in the various contexts and scales of human experience, encompassing hand and body, building and structure, room and street, and city and context.

Advanced Architectural Design Studio Courses

The advanced studio sequence in the third and fourth years of study (ARC 4156, ARC 4246, and ARC 4816) engages students in the wider and more detailed field of architectural inquiry and the complexity of the design process. The teaching-learning environment of the design studio fosters dialog and discovery through collaboration, individual production, and critical discourse. Design decisions are set within, and influenced by, a larger cultural and natural perspective as well as an evolving architectural discourse or polemic. Design, in this context, brings a diversity of resources, voices, and allied disciplines to the table while addressing the potential and design of human environments. Design projects explore a variety of issues and programs, including the differences and tensions between the local and global, the cultural and natural, the urban and exurban, as well as between the technical and philosophical. Throughout the advanced studio sequence, students are progressively challenged to employ creative design thinking, further refining their own design processes and critical inquiries while producing increasingly sophisticated presentations of building design concepts and proposals with respect to the production of building designs in architectural practice. Advanced architectural design studio course offerings include: Building Design Studio, Community Design Studio, Design/Build Studio, Systems Studio (ARC 4246), and International Studies Studio (if taken for the Signature Experience requirement).

Advanced Interior Design Studio Courses

The advanced studio sequence in the third and fourth years of study (IDE 3236, IDE 3246, IDE 4266, IDE 4816) engages students in the wider and more detailed field of design inquiry and processes. Built upon the foundation design laboratories, they form a critical block of the professional program, in which they offer academic preparation for the professional interior designer and advancement of study. The teaching-learning environment of the design studio fosters dialog and discovery through collaboration, individual production, and critical discourse. In this context, the studio brings a diversity of resources, voices, subject matter experts, and professionals across the design spectrum and allied disciplines to the table while addressing the potential and design of human environments. Design projects explore a variety of issues and programs across a range of contexts that engage culture, place, society, and technology. Throughout the advanced studio sequence, students are progressively challenged to apply creative design thinking, further refining their own design processes and critical inquiries while producing increasingly sophisticated presentations of interior design concepts and proposals.

Experiential Learning in Studio-based Education

The pedagogy of design studio emphasizes experiential learning, within a strategy of project-based learning that fosters learning-by-doing. This teaching/learning methodology engages students in empirical experiences and reflective analysis of their meanings within active project experimentation. In studio education, investigation of design exercises typically starts with curiosity and examination of personal experiences, close observation, and analysis in review and critique. The aim is to engage the student in the art and methodology of interpretation of ideas amid a developing understanding of the validity of the ideas. A second aim is for students to realize a search for ideas of depth about the subject matter. The intent is to pursue project design from a truly reflective awareness, enabling the full complexity of issues of experience to be taken into consideration in design decision-making—not just from the necessity of the moment, preconceptions, whimsy, or other rationale.

Admission Policy

Direct Admission Criteria

Applicants entering UTSA as Freshmen will be directly admitted to the School of Architecture and Planning until April 1st if they:

- meet all UTSA undergraduate admission requirements, and
- are ranked in the top 10 percent of their high school class (no minimum SAT or ACT scores required), or
- are ranked in the top 25 percent of their high school class and have a minimum 1220 SAT* or 25 ACT score.

Freshmen in good standing in their high school class with a minimum 1170 SAT* or 24 ACT score may go through a School Comprehensive Review to determine direct admission.

After April 1st, all applicants will go through a School Comprehensive Review.

*New SAT scores combine Evidence-Based Reading and Writing and Math.

Admission Criteria for Transfer Students

Students who wish to transfer from another institution into either of the two undergraduate degree programs (Architecture or Interior Design) in the School of Architecture and Planning are required to submit an application package that includes their cumulative grade point average and a letter of interest.

Transfer students with less than 30 transferable semester credit hours must:

- meet all UTSA undergraduate transfer admission requirements, and
- have a minimum transfer grade point average (GPA) of 3.0.

Transfer students with 30 or more transferable semester credit hours must:

- meet all UTSA undergraduate transfer admission requirements,
- have a minimum transfer GPA of 3.0, and
- go through a portfolio review.

Students with architecture or interior design coursework are required to submit a portfolio of studio work (maximum size 8.5 inches by 11 inches) until April 15th that will be used for studio placement. Students wishing to apply for transfer course substitutions will be required to submit course syllabi for those courses for School review. Application packages and portfolios should be sent directly to the School of Architecture and Planning. Transfer applicants placed into the first year will be required to complete the Foundation Year Program and apply for either the Architecture or Interior Design major as described below.

Freshmen students who do not meet the above requirements but meet UTSA's general admission requirements will be part of "Exploratory Studies," where students will be able to work toward meeting the prerequisites needed to declare Architecture or Interior Design as their major.

Transfer students who do not meet the above requirements but meet UTSA's general admission requirements will be placed in Multidisciplinary Studies where students will be able to work towards a bachelor's degree.

Change of Major

Students currently enrolled in UTSA who wish to change majors to one of the two undergraduate academic majors within the School of Architecture and Planning must submit a Change of Major application to the School by April 15th. Transfer application decisions are made at least once per year in June, but the School reserves the right to render decisions at any time. Change of major students must include their grade point average and a letter of interest in their application package. Students with architectural or interior design coursework beyond the freshman level are required to submit a portfolio of studio work (maximum size 8.5 inches by 11 inches) that will be used for studio placement. Students wishing to apply for course substitutions will be required to submit course syllabi for those courses for School review. Portfolios should be sent directly to the School of Architecture and Planning. Change of Major applicants placed into the first year will be required to complete the Foundation Year Program and apply for either the Architecture or Interior Design major as described below.

Laptop Program

The laptop program requires that students entering both the Bachelor of Science in Architecture and the Bachelor of Science in Interior Design

programs have their own laptop (notebook) computers and required software. Digital technology is integrated into required coursework and assignments beginning in the Freshman year and will be necessary in order to fulfill project requirements. The computer should be upgradeable in order to be of productive use for the duration of the academic program. For further and specific information concerning laptop requirements, please see <https://klesse.utsa.edu/student/computer-requirements.html> (<https://nam11.safelinks.protection.outlook.com/?url=https%3A%2F%2Fklesse.utsa.edu%2Fstudent%2Fcomputer-requirements.html&data=05%7C01%7CCatalogEditor%40utsa.edu%7Cdaedbb25be5b4c9eeb9d08dbe13d740a%7C3a228dfbc64744cb88357b20617fc906%7C0%7C0%7C638351426301903609%7%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTEil6lk1haWwILC%7C3000%7C%7C&sdata=xa3bw5TidD1YSaMVrBNP1wM%2B%2FCo3p7Nu1FPqqw8KUiM%3D&reserved=0>).

Student Work

The School of Architecture and Planning reserves the right to retain, exhibit, and reproduce work submitted by students. Work submitted for grading is the property of the School of Architecture and Planning and remains such until it is returned to the student.

Foundation Year Program (FYP) / Admission to the Major in Architecture or Interior Design

Students must successfully complete the common Foundation Year Program (FYP), consisting of 16 semester credit hours, in order to be eligible to apply for the FYP Gateway review process and subsequent admission into either the Bachelor of Science in Architecture major (ARC) or Bachelor of Science in Interior Design major (IDE). Students are strongly advised to complete 15 credit hours of Core Curriculum courses in their first year of studies as well. Common Foundation Year courses with eligibility for Gateway course credit are also offered in summer sessions with special conditions on course availability and course qualification for Gateway.

Students who have completed the FYP must submit a Gateway Application (an application to the major) by the first Monday in May for review and consideration for admission to the major of choice (ARC or IDE). Applications are available on the School website. FYP Gateway reviews are conducted at the conclusion of each Spring semester. Available openings within ARC and IDE majors are limited, and entry into each is competitive. A minimum GPA of 2.5 is required from the 16 credit hours of courses listed below. Students not accepted into either of the two majors within the School of Architecture and Planning in their first year of application will remain in the University College and will be eligible to reapply the following year. A student may reapply only once.

The Foundation Year Program requires the completion of the following courses (16 semester credit hours):

ARC 1113	Introduction to the Built Environment	3
ARC 1213	Design 1	3
ARC 1223	Design 2	3
ARC 1313	Design Visualization 1	3
ARC 1331	Design Visualization 2	1
ARC 1513	Great Buildings and Cities of the World	3
Total Credit Hours		16

The Foundation Year Program strongly recommends the completion of the following Core Curriculum courses (15 semester credit hours):

AIS 1203	Academic Introduction and Strategies	3
WRC 1013	Freshman Composition I	3
WRC 1023	Freshman Composition II	3
Mathematics Core Course (MAT 1023, MAT 1053 or MAT 1073)		3
Life and Physical Sciences Core Course (ES 2013, GEO 1013, or PHY 1943)		3
Total Credit Hours		15

International Studies / Signature Experience Requirement

All undergraduate students in the School of Architecture and Planning are required to participate in an approved International Studies / Signature Experience opportunity as a condition of graduation. The International Studies / Signature Experience requirement is intended to expose students to educational opportunities that go beyond the traditional academic experience. Participation in International Studies is the specified means to satisfy the signature experience requirement for architecture and interior design students within the School. Please see curricula listings for B.S. in Architecture and B.S. in Interior Design in the catalog for respective required courses and studios taught only in international locations. The School of Architecture and Planning International Studies / Signature Experience Program is presented and discussed at the Sophomore Convocation, which is held in the first semester of sophomore year. Program costs, payment schedules, and financial aid opportunities are presented. An approved waiver of the International Studies requirement requires students to complete 12 credit hours in the following courses: ARC 3113 Advanced Design Visualization, ARC 4156 Advanced Architectural Design Studio, and ARC 3433 Topics in Architecture and Thought.

- B.S. degree in Architecture (p. 3)
- B.S. degree in Interior Design (p. 5)

Bachelor of Science Degree in Architecture

The Bachelor of Science (B.S.) in Architecture is a four-year pre-professional degree. The minimum number of semester credit hours required for the degree, including Core Curriculum requirements, is 121, at least 39 of which must be at the upper-division level. Students are advised to complete the B.S. in Architecture coursework in the order indicated in the "Recommended Curriculum" issued by the School of Architecture and Planning for their catalog year.

The B.S. in Architecture is a program that provides students with the opportunity to prepare for the continuation of studies in a professional graduate program to earn a Master of Architecture (M.Arch.) degree. Completion of the B.S. in Architecture degree allows the graduate to pursue limited architectural practice but does not, in itself, fully prepare the graduate for architectural licensure. Students in the B.S. in Architecture program are advised that the certification for architectural registration and professional practice by the National Council of Architectural Registration Boards (NCARB) requires, in virtually all cases, an accredited professional degree and broad architectural education such as that provided by the Master of Architecture (M.Arch.) program at UTSA.

In the United States, most registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit professional degree programs in architecture offered by institutions with U.S. regional accreditation, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may be granted an eight-year, three-year, or two-year term of accreditation, depending on the extent of its conformance with established educational standards.

Doctor of Architecture and Master of Architecture degree programs may require a preprofessional undergraduate degree in architecture for admission. However, the preprofessional degree is not, by itself, recognized as an accredited degree.

The University of Texas at San Antonio, School of Architecture and Planning offers the following NAAB-accredited degree programs:

M.Arch. 2 (preprofessional degree + 52 graduate credits)

M.Arch. 3 (non-preprofessional degree + up to 92 credits)

Next accreditation visit for all programs: 2024

All candidates seeking this degree must fulfill the Core Curriculum requirements and the degree requirements.

Core Curriculum Requirements (42 semester credit hours)

Students seeking the B.S. degree in Architecture must fulfill University Core Curriculum requirements in the same manner as other students. The courses listed below satisfy both degree requirements and Core Curriculum requirements; however, if these courses are taken to satisfy both requirements, then students may need to take additional courses in order to meet the minimum number of semester credit hours required for this degree.

MAT 1023¹, MAT 1053 or MAT 1073¹ may be used to satisfy the core requirement in Mathematics.

One of the following courses should be used to satisfy the second core requirement in Life and Physical Sciences: GES 2613, GEO 1013², ES 2013 and ES 2023²

In addition to AIS 1203, ARC 1113 should be used to satisfy the core requirement in Language, Philosophy and Culture. ARC 2413 should be used to satisfy the core requirement in Creative Arts. ARC 1513 should be used to satisfy the Component Area Option requirement.

ANT 1013, ECO 2003, EGR 1343, GES 1013, GES 2623, or SOC 1013 should be used to satisfy the core requirement in Social and Behavioral Sciences.

¹ Students who may anticipate either a dual major with Construction Science and Management (CSM) or change of major to the CSM program should note that MAT 1023 and MAT 1073 will not count toward the CSM degree.

² Students who may anticipate either a dual major with CSM or change of major to the CSM program should note that GEO 1013 and ES 2023 will count towards the CSM degree.

Core Curriculum Component Area Requirements (<http://catalog.utsa.edu/undergraduate/bachelorsdegreeregulations/degree requirements/corecurriculumcomponentarearequirements/>)

First Year Experience Requirement	3
Communication	6
Mathematics	3
Life and Physical Sciences	6
Language, Philosophy and Culture	3
Creative Arts	3
American History	6
Government-Political Science	6
Social and Behavioral Sciences	3
Component Area Option	3
Total Credit Hours	42

Gateway Courses

Students pursuing the B.S. degree in Architecture must successfully complete each of the following Gateway Courses with a grade of "C-" or better in no more than two attempts. A student who is unable to successfully complete these courses within two attempts, including dropping a course with a grade of "W" or taking an equivalent course at another institution, will be required to change their major.

Code	Title	Credit Hours
ARC 1113	Introduction to the Built Environment	3
ARC 1213	Design 1	3
ARC 1223	Design 2	3
ARC 1313	Design Visualization 1	3
ARC 1331	Design Visualization 2	1
ARC 1513	Great Buildings and Cities of the World	3

Degree Requirements

Code	Title	Credit Hours
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A. Foundation Year Program

1. 16 semester credit hours of required courses completed with a grade of "C-" or better in each course:

ARC 1113	Introduction to the Built Environment (core and major)	3
ARC 1213	Design 1	3
ARC 1223	Design 2	3
ARC 1313	Design Visualization 1	3
ARC 1331	Design Visualization 2	1
ARC 1513	Great Buildings and Cities of the World (core and major)	3

B. Architecture Program sequence

1. 42 semester credit hours of required architectural courses. Must be completed with a grade of "C-" or better in each course:

ARC 2156	Design 3	6
ARC 2166	Design 4	6
ARC 2133	Principles of Architectural Structures	3
ARC 2233	Principles of Environmental Systems	3
ARC 2413	Global History of Architecture and Urbanism: Prehistory to Medieval	3

ARC 2423	Global History of Architecture and Urbanism: Renaissance to 19th Century	3
ARC 3433	Topics in Architecture and Thought	3
ARC 3613	History of Modern Architecture	3
ARC 4183	Environmental Systems	3
ARC 4283	Architectural Structures	3
CSM 2113	Construction Materials and Methods	3
3 semester credit hours of an upper-division elective		3
2. 12 semester credit hours of required upper-division design studios. Must be completed with a grade of "C-" or better in each course.		12
ARC 4156	Advanced Architectural Design Studio (repeated)	
3. 6 semester credit hours of Study Abroad Studio:		6
ARC 4816	International Studies Studio	
4. 6 semester credit hours of Systems Studio:		6
ARC 4246	Building Systems Studio	
5. 6 semester credit hours of international studies coursework		6
ARC 4833	International Studies Drawing Seminar	
ARC 4843	International Studies History Seminar	
or ARC 4823	International Studies Theory Seminar	
Total Credit Hours		88

B.S. in Architecture – Recommended Four-Year Academic Plan**First Year****Fall****Credit Hours**

Foundation Year (Pre-Architecture/PRA)

AIS 1243	AIS: Engineering, Mathematics, and Sciences	3
ARC 1113	Introduction to the Built Environment (core and major)	3
ARC 1213	Design 1	3
ARC 1313	Design Visualization 1	3
WRC 1013	Freshman Composition I (core)	3
Credit Hours		15

Spring

ARC 1223	Design 2	3
ARC 1331	Design Visualization 2	1
ARC 1513	Great Buildings and Cities of the World (core and major)	3
WRC 1023	Freshman Composition II (core)	3
Mathematics (core)		3
Life & Physical Sciences (core)		3
GATEWAY TO MAJOR (Requires Application and Acceptance)		
Credit Hours		16

Second Year**Fall**

ARC 2156	Design 3	6
ARC 2133	Principles of Architectural Structures	3
ARC 2413	Global History of Architecture and Urbanism: Prehistory to Medieval	3

CSM 2113	Construction Materials and Methods	3
Credit Hours		15
Spring		
ARC 2166	Design 4	6
ARC 2233	Principles of Environmental Systems	3
ARC 2423	Global History of Architecture and Urbanism: Renaissance to 19th Century	3
Social & Behavioral Sciences (core)		3
Credit Hours		15
Third Year		
Fall		
International Studies Semester (Fall or Spring)		
ARC 4816	International Studies Studio	6
ARC 4833	International Studies Drawing Seminar	3
ARC 4843 or ARC 4823	International Studies History Seminar or International Studies Theory Seminar	3
Credit Hours		12
Spring		
ARC 3613	History of Modern Architecture	3
ARC 4156	Advanced Architectural Design Studio	6
American History (core)		3
Government-Political Science (core)		3
Credit Hours		15
Fourth Year		
Fall		
ARC 3433	Topics in Architecture and Thought	3
ARC 4156	Advanced Architectural Design Studio	6
ARC 4183	Environmental Systems	3
Government-Political Science (core)		3
Upper-division Elective		3
Credit Hours		18
Spring		
ARC 4246	Building Systems Studio	6
ARC 4283	Architectural Structures	3
American History (core)		3
Life & Physical Sciences (core)		3
Credit Hours		15
Total Credit Hours		121

Bachelor of Science Degree in Interior Design

The Bachelor of Science (B.S.) in Interior Design is a four-year Council for Interior Design Accreditation (CIDA) accredited professional degree. The minimum number of semester credit hours required for the degree, including Core Curriculum requirements, is 124, at least 42 of which must be at the upper-division level. Students are advised to complete the B.S.

in Interior Design degree coursework in the order indicated within the "Recommended Curriculum" issued by the School of Architecture and Planning for their catalog year.

All candidates seeking this degree must fulfill the Core Curriculum requirements and the degree requirements.

Core Curriculum Requirements (42 semester credit hours)

Students seeking the B.S. degree in Interior Design must fulfill University Core Curriculum requirements in the same manner as other students. The courses listed below satisfy both degree requirements and Core Curriculum requirements; however, if these courses are taken to satisfy both requirements, then students may need to take additional courses in order to meet the minimum number of semester credit hours required for this degree.

MAT 1023¹, MAT 1043, MAT 1053, or MAT 1073¹ may be used to satisfy the core requirement in Mathematics.

Two of the following courses should be used to satisfy the core requirement in Life and Physical Sciences: ES 2013, ES 2023², GEO 1013² or GES 2613

In addition to AIS 1203, ARC 1113 should be used to satisfy the core requirement in Language, Philosophy and Culture. ARC 2413 should be used to satisfy the core requirement in Creative Arts. ARC 1513 should be used to satisfy the Component Area Option requirement.

ANT 1013, ECO 2003, EGR 1343, GES 1013, GES 2623, or SOC 1013 should be used to satisfy the core requirement in Social and Behavioral Sciences.

¹ Students who may anticipate either a dual major with Construction Science and Management (CSM) or change of major to the CSM program should note that MAT 1023 and MAT 1073 will not count toward the CSM degree.

² Students who may anticipate either a dual major with CSM or change of major to the CSM program should note that GEO 1013 and ES 2023 will count towards the CSM degree.

Core Curriculum Component Area Requirements (<http://catalog.utsa.edu/undergraduate/bachelorsdegreeregulations/degree/requirements/corecurriculumcomponentarearequirements/>)

First Year Experience Requirement	3
Communication	6
Mathematics	3
Life and Physical Sciences	6
Language, Philosophy and Culture	3
Creative Arts	3
American History	6
Government-Political Science	6
Social and Behavioral Sciences	3
Component Area Option	3
Total Credit Hours	42

Gateway Courses

Students pursuing the B.S. degree in Interior Design must successfully complete each of the following Gateway Courses with a grade of "C-" or better in no more than two attempts. A student who is unable to

successfully complete these courses within two attempts, including dropping a course with a grade of “W” or taking an equivalent course at another institution, will be required to change their major.

Code	Title	Credit Hours
ARC 1113	Introduction to the Built Environment	3
ARC 1213	Design 1	3
ARC 1313	Design Visualization 1	3
ARC 1223	Design 2	3
ARC 1331	Design Visualization 2	1
ARC 1513	Great Buildings and Cities of the World	3

Degree Requirements

Code	Title	Credit Hours
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A. Foundation Year Program

16 semester credit hours of required courses completed with a grade of “C-” or better in each course:

ARC 1113	Introduction to the Built Environment (core and major)	3
ARC 1213	Design 1	3
ARC 1223	Design 2	3
ARC 1313	Design Visualization 1	3
ARC 1331	Design Visualization 2	1
ARC 1513	Great Buildings and Cities of the World (core and major)	3

B. Interior Design Program sequence

75 semester credit hours of required courses completed with a grade of “C-” or better in each course:

ARC 2156	Design 3	6
ARC 2166	Design 4	6
ARC 2233	Principles of Environmental Systems	3
ARC 2413	Global History of Architecture and Urbanism: Prehistory to Medieval (core and major)	3
ARC 4183	Environmental Systems	3
IDE 2143	Architecture and Interior Assemblies	3
IDE 2153	Interior Materials and Assemblies	3
IDE 2263	Color Theory and Behavior	3
IDE 2413	History of Interior Architecture I	3
IDE 2423	History of Interior Architecture II	3
IDE 3123	Space Planning and Interior Details	3
IDE 3236	Interior Design Studio I	6
IDE 3246	Interior Design Studio II	6
IDE 4233	Computer Projects in Design	3
IDE 4266	Systems Integration Studio	6
IDE 4513	Practice and Ethics	3
IDE 4816	International Studies Studio	6
or IDE 4956	Special Studies in Interior Architecture	
IDE 4823	International Studies Theory Seminar	3
IDE 4833	International Studies Drawing Seminar (or upper-division elective)	3

Total Credit Hours **91**

B.S. in Interior Design – Recommended Four-Year Academic Plan

First Year

Fall	Credit Hours
Foundation Year (Pre-Interior Design/PRI)	
AIS 1243 AIS: Engineering, Mathematics, and Sciences	3
ARC 1113 Introduction to the Built Environment (core and major)	3
ARC 1213 Design 1	3
ARC 1313 Design Visualization 1	3
WRC 1013 Freshman Composition I (core)	3
Credit Hours	15

Spring

ARC 1223 Design 2	3
ARC 1331 Design Visualization 2	1
ARC 1513 Great Buildings and Cities of the World (core and major)	3
WRC 1023 Freshman Composition II (core)	3
Mathematics (core)	3
Life & Physical Sciences (core)	3
GATEWAY TO MAJOR (Requires Application and Acceptance)	
Credit Hours	16

Second Year

Fall

ARC 2156 Design 3	6
ARC 2233 Principles of Environmental Systems	3
ARC 2413 Global History of Architecture and Urbanism: Prehistory to Medieval (core and major)	3
IDE 2143 Architecture and Interior Assemblies	3
Social & Behavioral Sciences (core)	3
Credit Hours	18

Spring

ARC 2166 Design 4	6
IDE 2153 Interior Materials and Assemblies	3
IDE 2263 Color Theory and Behavior	3
IDE 2413 History of Interior Architecture I	3
Credit Hours	15

Third Year

Fall

IDE 2423 History of Interior Architecture II	3
IDE 3123 Space Planning and Interior Details	3
IDE 3236 Interior Design Studio I	6
American History (core)	3
Government-Political Science (core)	3
Credit Hours	18

Spring

ARC 4183 Environmental Systems	3
IDE 3246 Interior Design Studio II	6
IDE 4233 Computer Projects in Design	3

American History (core)	3
Credit Hours	15
Fourth Year	
Fall	
IDE 4816 International Studies Studio	6
IDE 4823 International Studies Theory Seminar	3
IDE 4833 International Studies Drawing Seminar	3
Credit Hours	12
Spring	
IDE 4266 Systems Integration Studio	6
IDE 4513 Practice and Ethics	3
Government-Political Science (core)	3
Life & Physical Sciences (core)	3
Credit Hours	15
Total Credit Hours	124

Certificate in Design Communication and Fabrication

The means, materials, and methods that are generative of the built environment are constantly changing due to the integration and evolution of digital technology and the increased use of data collection, automation, and AI. Design communication and fabrication methods are increasingly informing the changes within the practice of Architecture and Interior Design. An undergraduate Certificate in Design Communication and Fabrication provides students with a strong theoretical basis that integrates creative problem-solving skills with an understanding of the aesthetic, technological, and behavioral aspects of design.

Eligibility requirements:

- Meet the prerequisite courses for the certificate program (refer to course descriptions in the UTSA Undergraduate Catalog)

Students pursuing the Certificate in Design Communication and Fabrication must complete 15 semester credit hours:

Code	Title	Credit Hours
A. Required courses:		6
ARC 4233 or IDE 4233	Computer Projects in Design	
IDE 2263	Color Theory and Behavior	
B. Electives		9
IDE 4953	Special Studies in Interior Architecture	
ARC 3133	Advanced Digital Visualization	
ARC 4103	Architectural Lighting Design	
ARC 4213	Design and Fabrication Workshop	
ARC 4953	Special Studies in Architecture	
ARC 3433	Topics in Architecture and Thought	
ART 1023	Foundations III	
ART 2223	New Media: Basic	
COM 2733	Introduction to Digital Communication ¹	
COM 3023	Foundations of Communication ¹	

COM 3723	Digital Media Production I ¹
CS 1063	Introduction to Computer Programming I
CS 1173	Data Analysis and Visualization
DS 4003	Introduction to Data Science
DS 4013	Programming for Data Science
EGR 1003	Engineering Design and Problem Solving
EGR 1343	The Impact of Modern Technologies on Society
Total Credit Hours	15

¹ This course is restricted to COM majors; students must obtain UGAR approval before enrolling in this course. Enrollment is also subject to the availability of seats.

To earn any certificate in the architecture program, students must satisfy the following requirements:

1. Complete all the requirements of the certificate program.
2. Receive a grade of "C-" or better in each course used to satisfy the requirements of the certificate program.
3. Achieve at least a 2.5 grade point average (on a 4.0 scale) in all courses used to satisfy the requirements of the certificate program.

Architecture (ARC) Courses

ARC 1113. Introduction to the Built Environment. (3-0) 3 Credit Hours. (TCCN = ARCH 1311)

An introduction to the design and construction of the built environment. Includes consideration of professional practice, ethics, interior design, landscape architecture, planning, urbanism, and construction. May be applied toward the core curriculum requirement in Language, Philosophy and Culture. (Formerly COA 1113. Credit cannot be earned for both ARC 1113 and COA 1113.) Course Fee: LRC1 \$12; SAP1 \$25; STSE \$30; DL01 \$75.

ARC 1133. Construction Material and Concepts. (3-0) 3 Credit Hours.

Introduction to concepts and skills fundamental to structure, construction, building enclosure, sustainability, and interior environments. Analysis and selection of materials, components, and assemblies. Introduction to the historic role of materials in architectural and interior design. (Same as CSM 2113. Credit cannot be earned for both ARC 1133 and CSM 2113.) Course Fee: SAP1 \$25; STSE \$30.

ARC 1213. Design 1. (0-9) 3 Credit Hours. (TCCN = ARCH 1303)

Prerequisite: Completion of or concurrent enrollment in ARC 1313. Introduction to design through a focus on design literacy and the creative conceptualization through direct engagement with materials and processes of making. Introduction to architectural design processes, materials, precedents, and architectural ideas. Projects investigate basic issues fundamental to the design and experience of human environments. Course requires the purchase of a drawing supplies kit. (Formerly ARC 1214 and COA 1213 in previous catalogs. Credit cannot be earned for more than one of the following: ARC 1213, ARC 1214, or COA 1213.) Course Fee: SAP1 \$25; STSE \$30; DL01 \$75.

ARC 1223. Design 2. (1-8) 3 Credit Hours. (TCCN = ARCH 1304)

Prerequisite: ARC 1213 and ARC 1313. Introduction to design as a broadly creative practice that investigates the design process through experiential learning from conceptual development through representational visualization and conventions. Exploration of spatial experience, context, program, order, typology, architectural elements, materials, human factors, color, light, and precedent in the design of human environments. Includes an introduction to portfolio production/graphic design. (Formerly ARC 1224. Credit cannot be earned for both ARC 1224 and ARC 1223.) Course Fee: SAP1 \$25; STSE \$30.

ARC 1313. Design Visualization 1. (0-9) 3 Credit Hours. (TCCN = ARCH 1307)

Prerequisite: Completion of or concurrent enrollment in ARC 1213. Engages students in an exploration of graphic processes, tools, and techniques used in the design of human environments within the design laboratory. Advances critical thinking and ability to visualize, diagram, design, describe, and analyze human environments. Develops thinking and making skills in 2D and 3D across multiple scales. Course requires the purchase of a drawing supplies kit.

ARC 1331. Design Visualization 2. (0-3) 1 Credit Hour.

Prerequisite: ARC 1313, ARC 1213, and completion of or concurrent enrollment in ARC 1223. Building on the discoveries and techniques of Design Visualization 1, this course engages students in an exploration of digital processes, platforms, and tools within a laboratory environment. Advances critical thinking and ability to visualize, diagram, design, and analyze human environments. Develops thinking and making skills in 2D and 3D across multiple scales. Also includes an introduction to portfolio design and production/graphic design. Course Fee: LRE1 \$25; STSE \$10.

ARC 1513. Great Buildings and Cities of the World. (3-0) 3 Credit Hours.

This course explores the characteristics of great buildings and great cities, examining precedents from the Global South and North, Eastern and Western hemispheres, vernacular and professional traditions, and bottom-up and top-down processes. The course surveys five thousand years of built history, advancing the thesis that building is a cultural act that reflects and informs societal values. Students have the opportunity to learn about applying theories of architecture, urbanism, interior design, decorative arts, and art to the built environment. Students also have the opportunity to develop the ability to analyze architectural and urban case studies through the lens of form, program, and culture. Course Fee: LRC1 \$12; SAP1 \$25; STSE \$30; DL01 \$75.

ARC 2133. Principles of Architectural Structures. (3-0) 3 Credit Hours.

Prerequisite: Enrollment as an ARC or IDE major. An introduction to the principles of architectural structures as related to architectural design. Includes consideration of spatial, structural, and aesthetic issues of building structural systems, and introduces structural behavior, forces, and responses in structural systems. Course Fee: DL01 \$75; SAP1 \$25; STSE \$30.

ARC 2156. Design 3. (0-18) 6 Credit Hours. (TCCN = ARCH 2603)

Prerequisite: Enrollment as an ARC or IDE major and have passed Gateway. Continued development of design processes through experiential learning in the exploration of the nature and impact of place, land, and climate within the design process. Focuses on the design of environmentally responsive buildings that includes consideration of structure, material, space, form, site, climate, and context. Utilizes a range of digital tools, environments, and platforms. Includes continued production and exhibition of the design portfolio. Course Fee: SAP1 \$25; STSE \$60; DL01 \$150.

ARC 2166. Design 4. (0-18) 6 Credit Hours. (TCCN = ARCH 2604)

Prerequisite: ARC 2156. Continued development and refinement of design processes through experiential learning in the exploration of the nature and impact of site, place, city, and culture within the design of human environments. Focuses on the design of place-specific buildings that includes consideration of structure, material, space, form, site, climate, and urban context. Utilizes a range of more advanced digital tools, environments, and platforms in design and representation. Includes continued production and exhibition of the design portfolio. Course fees: SAP1 \$25; STSE \$60.

ARC 2233. Principles of Environmental Systems. (3-0) 3 Credit Hours.

Prerequisite: Enrollment as an ARC or IDE major. Introduction to the design of environmentally responsive buildings and the natural and artificial systems that support them. Includes consideration of topics such as embodied energy, active and passive heating and cooling, indoor air quality, solar orientation, daylighting and artificial illumination, acoustics, and building services systems. Course Fee: SAP1 \$25; STSE \$30; DL01 \$75.

ARC 2413. Global History of Architecture and Urbanism: Prehistory to Medieval. (3-0) 3 Credit Hours. (TCCN = ARCH 1301)

Introduction to the history of architecture, urbanism, and material culture from prehistory to the late Middle Ages. Explores the varied ways in which architecture reflects and shapes the social, religious, and political concerns of civilizations in the global context. May be applied toward the core curriculum requirement in Creative Arts. Course Fees: LRC1 \$12; SAP1 \$25; STSE \$30; DL01 \$75.

ARC 2423. Global History of Architecture and Urbanism: Renaissance to 19th Century. (3-0) 3 Credit Hours. (TCCN = ARCH 1302)

Introduction to the history of architecture, urbanism, and material culture from the Renaissance to the mid-19th century. Explores the varied ways in which architecture reflects and shapes the social, religious, and political concerns of civilizations in the global context. May be applied toward the Core Curriculum requirement in Language, Philosophy and Culture. Course Fees: SAP1 \$25; STSE \$30; DL01 \$75.

ARC 3113. Advanced Design Visualization. (0-9) 3 Credit Hours.

Prerequisite: ARC 1313, ARC 1331, and enrollment as an Architecture or an Interior Design major or consent of instructor. Advanced exploration of graphic processes and techniques utilized in the analysis, design, visualization, or construction of human environments. May be repeated for credit when topics vary. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30; DL01 \$75.

ARC 3133. Advanced Digital Visualization. (0-9) 3 Credit Hours.

Prerequisites: ARC 1313 and ARC 1331, or consent of instructor. Advanced exploration of digital graphic design, theory, and communication modes and techniques utilized in the design of human environments for representation, analysis, and visualization. May be repeated for credit when the topics vary. This course has Differential Tuition.

ARC 3433. Topics in Architecture and Thought. (3-0) 3 Credit Hours.

Prerequisites: ARC 2166 or consent of instructor. A lecture/seminar course that provides students the opportunity to explore a variety of architectural ideas, concepts, theories, approaches, or topics related to architectural design. May be repeated for credit when topics vary. This course has Differential Tuition. Course fees: DL01 \$75; SAP1 \$25; STSE \$30.

ARC 3613. History of Modern Architecture. (3-0) 3 Credit Hours.

Prerequisites: WRC 1013 and WRC 1023. Study of the social, aesthetic, theoretical, technical, cultural, and professional forces that form, shape, and communicate modern architecture. Completion of ARC 2413 and ARC 2423 or IDE 2413 and IDE 2423 is recommended for Architecture and Interior Design majors. This course has Differential Tuition. Course Fees: SAP1 \$25; STSE \$30; DL01 \$75.

ARC 4103. Architectural Lighting Design. (3-0) 3 Credit Hours.

Prerequisite: ARC 2166 or consent of instructor. Considers the aesthetics of light, color and materials, luminaire design, architectural lighting systems, guidelines, energy codes, controls, introduction to lighting simulation, and human visual perception/comfort. This course has Differential Tuition.

ARC 4143. Architecture Topics. (3-0) 3 Credit Hours.

Prerequisite: ARC 2156 and ARC 2166. A course exploring issues in architecture. May be repeated for credit when topics vary. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30.

ARC 4156. Advanced Architectural Design Studio. (0-18) 6 Credit Hours.

Prerequisite: ARC 2166, ARC 2133, and ARC 2233. Advanced architectural design that focuses on building design amid issues of architectural practice and the development of professional skills. Course focus may vary among Building Design Studio, Community Design Studio, and Design/Build Studio. Topics may range from building technology, systems, materials, and assemblies to typologies, design theories, and design processes, and from place-making and human experience and/or the inter-relationship of building, environment, and society. Course may be repeated for credit. No more than 18 credit hours of ARC 4156 may count towards the degree. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$60; DL01 \$150.

ARC 4183. Environmental Systems. (2-3) 3 Credit Hours.

Prerequisites: ARC 2166 and ARC 2233. Advanced issues in the design of environmentally responsive buildings and the natural and artificial systems that support them, such as embodied energy, active and passive heating and cooling, indoor air quality, solar orientation, daylighting and artificial illumination, acoustics, and building services systems. Includes the use of appropriate performance assessment tools. This course has Differential Tuition. Course Fees: SAP1 \$25; STSE \$30.

ARC 4213. Design and Fabrication Workshop. (0-9) 3 Credit Hours.

Focuses on essential elements of furniture or product design and fabrication, emphasizing relations to human environments, architectural space, human factors, and the use of materials, processes, and methods. May include digital design technologies and processes. This course has Differential Tuition. Course Fees: SAP1 \$25; STSE \$30.

ARC 4223. Topics in Design Computing. (2-3) 3 Credit Hours.

Prerequisite: ARC 2166 or consent of instructor. Theory-practice seminar course exploring critical, spatial, and philosophical issues related to the impact of digital technologies within human environments. Involves 2-D and 3-D digital media. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30.

ARC 4233. Computer Projects in Design. (2-3) 3 Credit Hours.

Prerequisite: ARC 2166 or consent of instructor. Project-driven lecture/laboratory course exploring advanced issues associated with 3-D modeling, animation, photo-realistic visualization, and computer-aided manufacturing. Considers the role these processes and allied theories play in architectural and interior design. (Same as IDE 4233. Credit cannot be earned for both ARC 4233 and IDE 4233.) This course has Differential Tuition. Course Fees: SAP1 \$25; STSE \$30; DL01 \$75.

ARC 4246. Building Systems Studio. (0-18) 6 Credit Hours.

Prerequisite: ARC 4156 (taken twice). Advanced architectural design studio addressing the theoretical and practical issues of considerate and responsible design and detailing of a small building from the ground up. Addresses the whole building in terms of its integration with the site and climate, its structural, environmental, daylighting, and envelope systems, as well as accessibility, life safety, and vertical circulation. This course has Differential Tuition. Course Fees: SAP1 \$25; STSE \$60; DL01 \$150.

ARC 4283. Architectural Structures. (2-3) 3 Credit Hours.

Prerequisites: ARC 2166 and ARC 2133. Advanced study of architectural structures; considers the physical principles that govern classical statics and strength of materials. Graphical and mathematical design of structural systems. Consideration of the role of structural articulation in the design of buildings. This course has Differential Tuition. Course Fees: SAP1 \$25; STSE \$30.

ARC 4333. Practicum/Internship. (0-0) 3 Credit Hours.

Prerequisites: ARC 2166 and consent of instructor. Offers students majoring in architecture or interior design a supervised professional practice experience with public agencies or private firms. Individual conferences and written reports required. This course has Differential Tuition. Course Fees: SAP1 \$25; STSE \$30.

ARC 4816. International Studies Studio. (0-18) 6 Credit Hours.

Prerequisite: ARC 2166 or consent of instructor. An architecture or planning studio associated with a study abroad program. (Same as IDE 4816. Credit cannot be earned for both ARC 4816 and IDE 4816.) This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$60.

ARC 4823. International Studies Theory Seminar. (3-0) 3 Credit Hours.

Prerequisite: ARC 2166 or consent of instructor. A lecture/seminar course associated with a study abroad program; involves field trips. (Same as IDE 4823. Credit cannot be earned for both ARC 4823 and IDE 4823.) This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30.

ARC 4833. International Studies Drawing Seminar. (0-9) 3 Credit Hours.

Prerequisite: ARC 2166 or consent of instructor. A drawing course associated with a study abroad program; involves field trips. (Same as IDE 4833. Credit cannot be earned for both ARC 4833 and IDE 4833.) This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30.

ARC 4843. International Studies History Seminar. (3-0) 3 Credit Hours.

Prerequisite: ARC 2166 or consent of instructor. A lecture/seminar course associated with a study abroad program; involves field trips. (Same as IDE 4843. Credit cannot be earned for both ARC 4843 and IDE 4843.) This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30.

ARC 4911. Independent Study. (0-0) 1 Credit Hour.

Prerequisites: Permission in writing (form available) from the instructor, the student's advisor, the School Director, and the Dean of the College in which the course is offered. Scholarly research under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, may apply to a bachelor's degree. This course has Differential Tuition. Course Fees: SAP1 \$25; STSE \$10.

ARC 4913. Independent Study. (0-0) 3 Credit Hours.

Prerequisites: Permission in writing (form available) from the instructor, the student's advisor, the School Director, and the Dean of the College in which the course is offered. Scholarly research under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, may apply to a bachelor's degree. This course has Differential Tuition. Course Fees: SAP1 \$25; STSE \$30.

ARC 4916. Independent Study. (0-0) 6 Credit Hours.

Prerequisite: Permission in writing (form available) from the instructor, the student's advisor, the School Director, and the Dean of the College in which the course is offered. Scholarly research under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, may apply to a bachelor's degree. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30.

ARC 4953. Special Studies in Architecture. (3-0) 3 Credit Hours.

Prerequisite: Consent of instructor. An organized course offering the opportunity for specialized study not normally or often available as part of the regular course offerings. Special studies may be repeated for credit when the topics vary, but not more than 3 semester credit hours for ARC 4953 or 12 hours for ARC 4956, regardless of discipline, will apply to a bachelor's degree. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30.

ARC 4956. Special Studies in Architecture. (0-18) 6 Credit Hours.

Prerequisite: Consent of instructor. An organized course offering the opportunity for specialized study not normally or often available as part of the regular course offerings. Special studies may be repeated for credit when the topics vary, but not more than 3 semester credit hours for ARC 4953 or 12 hours for ARC 4956, regardless of discipline, will apply to a bachelor's degree. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30.

Interior Design (IDE) Courses

IDE 2143. Architecture and Interior Assemblies. (3-0) 3 Credit Hours.

Prerequisite: Enrollment as an ARC or IDE major. The study of building materials, assemblies, and construction processes as used in interior environments with an emphasis on system components qualities, characteristics, and standard installation practices. Generally offered: Fall. Course Fees: SAP1 \$25; STSE \$30; DL01 \$75.

IDE 2153. Interior Materials and Assemblies. (3-0) 3 Credit Hours.

Prerequisite: Enrollment as an ARC or IDE major. Continued study of materials and assemblies as used in interior environments with an emphasis on ceiling, floor, and furniture systems, applied finishes, and specifications. (Formerly IDE 3153. Credit cannot be earned for both IDE 2153 and IDE 3153.) Course Fee: SAP1 \$25; STSE \$30; DL01 \$75.

IDE 2263. Color Theory and Behavior. (3-0) 3 Credit Hours.

A study of the physiological, psychological, and emotional effects of color, light, and space on human experience, behavior, and performance within the built environment. Explores fundamental properties of color, color relationships and their effects, as well as the fundamental theories found in environment and behavior interactions. Course Fees: SAP1 \$25; STSE \$30; DL01 \$75.

IDE 2413. History of Interior Architecture I. (3-0) 3 Credit Hours.

Prerequisites: WRC 1013, WRC 1023, and enrollment as an ARC or IDE major. Introduction to art, architecture, interior design, and decorative arts from antiquity to the Industrial Revolution. Explores the varied ways that design reflects and serves the social, religious, and political life in the Western and non-Western world. Course Fees: SAP1 \$25; STSE \$30; DL01 \$75.

IDE 2423. History of Interior Architecture II. (3-0) 3 Credit Hours.

Prerequisite: WRC 1013, WRC 1023, and enrollment as an ARC or IDE major. Introduction to art, architecture, interior design, and decorative arts through the post-Industrial Revolution to the modern period. Explores the varied ways that design reflects and serves the social, religious, and political life in the Western and non-Western world. (Formerly titled "History of Design: Renaissance through Nineteenth Century.") Course Fee: SAP1 \$25; STSE \$30; DL01 \$75.

IDE 3123. Space Planning and Interior Details. (3-0) 3 Credit Hours.

Prerequisite: Enrollment as an ARC or IDE major. Space planning and interior details informed by human factors, concepts and regulations. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30; DL01 \$75.

IDE 3133. Interior Design Topics. (3-0) 3 Credit Hours.

Prerequisite: Enrollment as an ARC or IDE major. A study of current trends and issues in interior design. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30.

IDE 3236. Interior Design Studio I. (0-18) 6 Credit Hours.

Prerequisite: IDE 2143, IDE 2423, and ARC 2166. Integration of design processes in meeting human needs relative to the built environment, along with conceptual, functional, spatial, and contextual layers of thought; developing critical thinking, research, and analytical skills to employ creative, innovative, and informed problem-solving techniques in the design of interior spaces; developing an understanding of specific industry trends in space planning, articulation, materials, and product selections. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$60.

IDE 3246. Interior Design Studio II. (0-18) 6 Credit Hours.

Prerequisites: IDE 3123 and IDE 3236. Integration of design processes in meeting human needs relative to the built environment, exploring functional spatial and contextual layers of thought; specific focus on augmenting understanding of the structural systems that are necessary for built spaces and how those spaces impact the interior volume and its articulation. Generally offered: Spring. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$60.

IDE 4213. Design and Fabrication Workshop. (0-9) 3 Credit Hours.

Focuses on essential elements of furniture or product design and fabrication, emphasizing relations to human environments, architectural space, human factors, and the use of materials, processes, and methods. May include digital design technologies and processes. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30.

IDE 4233. Computer Projects in Design. (2-3) 3 Credit Hours.

Prerequisite: ARC 2166 or consent of instructor. Project-driven lecture/laboratory course exploring advanced issues associated with 3-D modeling, animation, photo-realistic visualization, and computer-aided manufacturing. Considers the role these processes and allied theories play in architectural and interior design. (Same as ARC 4233. Credit cannot be earned for both ARC 4233 and IDE 4233.) This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30; DL01 \$75.

IDE 4266. Systems Integration Studio. (0-18) 6 Credit Hours.

Prerequisites: IDE 2143, IDE 2153, IDE 3133, IDE 3246 or IDE 4816, and ARC 4183. Comprehensive design of interior environments focusing on systems integration and articulation of building assemblies. Includes complex programming, life safety issues, thermal control, lighting, electrical, acoustics, water and waste management systems, and technical documentation. (Formerly titled "Interior Design Systems Studio.") Generally offered: Fall. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$60.

IDE 4333. Practicum/Internship. (0-0) 3 Credit Hours.

Prerequisite: IDE 3236 or consent of instructor; majoring in Interior Design. Offers students participation in a variety of design development concerns. Students work under supervision in an approved internship to gain knowledge of their respective professional fields. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30.

IDE 4513. Practice and Ethics. (3-0) 3 Credit Hours.

Prerequisite: ARC 2166. A study of the currently applied ethical, legal, and professional criteria for the practice of interior design. Issues investigated include forms of practice, client relationships, team leadership, office organization, and project management. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30; DL01 \$75.

IDE 4816. International Studies Studio. (0-18) 6 Credit Hours.

Prerequisite: IDE 3246 or consent of instructor. An interior architecture studio associated with a study abroad program. (Formerly titled "Study Abroad: Studio.") (Same as ARC 4816. Credit cannot be earned for both IDE 4816 and ARC 4816.) This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$60.

IDE 4823. International Studies Theory Seminar. (3-0) 3 Credit Hours.

Prerequisite: IDE 3246 or consent of instructor. A lecture/seminar course associated with a study abroad program; involves field trips. (Formerly titled "Study Abroad: History/Theory.") (Same as ARC 4823. Credit cannot be earned for both IDE 4823 and ARC 4823.) This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30.

IDE 4833. International Studies Drawing Seminar. (0-9) 3 Credit Hours.

Prerequisite: IDE 3246 or consent of instructor. A drawing course associated with a study abroad program; involves field trips. (Formerly titled "Study Abroad: Observational Drawing.") (Same as ARC 4833. Credit cannot be earned for both IDE 4833 and ARC 4833.) This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30.

IDE 4843. International Studies History Seminar. (3-0) 3 Credit Hours.

Prerequisite: IDE 3246 or consent of instructor. A lecture/seminar course associated with a study abroad program; involves field trips. (Same as ARC 4843. Credit cannot be earned for both IDE 4843 and ARC 4843.) This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30.

IDE 4911. Independent Study. (0-0) 1 Credit Hour.

Prerequisite: Permission in writing (form available) from the instructor, the student's advisor, the School Director, and the Dean of the College in which the course is offered. Scholarly research under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, may apply to a bachelor's degree. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$10.

IDE 4913. Independent Study. (0-0) 3 Credit Hours.

Prerequisite: Permission in writing (form available) from the instructor, the student's advisor, the School Director, and the Dean of the College in which the course is offered. Scholarly research under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, may apply to a bachelor's degree. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30.

IDE 4953. Special Studies in Interior Architecture. (3-0) 3 Credit Hours.

Prerequisite: Consent of instructor. An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Studies may be repeated for credit when topics vary, but not more than 6 semester credit hours for IDE 4953 or 12 hours for IDE 4956, regardless of discipline, will apply to a bachelor's degree. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30.

IDE 4956. Special Studies in Interior Architecture. (0-18) 6 Credit Hours.

Prerequisite: Consent of instructor. An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Studies may be repeated for credit when topics vary, but not more than 6 semester credit hours for IDE 4953 or 12 hours for IDE 4956, regardless of discipline, will apply to a bachelor's degree. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$60.

Urban and Regional Planning (URP) Courses

URP 3123. Introduction to Community and Regional Planning and Urban Design. (3-0) 3 Credit Hours.

Introduction to basic practices in community planning and urban design issues, including theoretical/historical bases; developing neighborhood plans/projects; indicators and evaluation of neighborhood sustainability; community patterns; institutional framework, site planning analysis; zoning ordinances; subdivision ordinances; community services, circulation; mixed-use, and community development programming. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30.

URP 3153. Comparative Urban and Regional Development. (3-0) 3 Credit Hours.

A survey of the origin of the contemporary city and region, current conditions, and future trends. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30.

URP 3163. Visual Communications for Community and Regional Planning. (3-0) 3 Credit Hours.

Expressing planning data and geographic information in visual terms for land use planning projects. Application of related computer software including GIS. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30.

URP 4123. Sustainable Community Development. (3-0) 3 Credit Hours.

Introduction to land use planning topics including new urbanism, growth management, sustainable infrastructure planning, and LEED Neighborhood Development. This course has Differential Tuition. Course Fees: SAP1 \$25; STSE \$30; DL01 \$75.

URP 4213. Urban Planning and Public Health. (3-0) 3 Credit Hours.

Survey of the interdependence of urban planning and public health to include the impact of physical environments on the health and quality of life of people in housing and neighborhoods. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30.

URP 4913. Independent Study. (0-0) 3 Credit Hours.

Prerequisite: Permission in writing (form available) from the instructor, the student's advisor, the School Director, and the Dean of the College in which the course is offered. Scholarly research under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, may apply to a bachelor's degree. This course has Differential Tuition. Course Fee: SAP1 \$25; STSE \$30.

URP 4953. Special Studies in Urban and Regional Planning. (3-0) 3 Credit Hours.

Prerequisite: Consent of instructor. An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Studies may be repeated for credit when topics vary. This course has Differential Tuition. Course Fee: DL01 \$75; SAP1 \$25; STSE \$30.