# COLLEGE OF ARCHITECTURE UNDERGRADUATE DEGREE PROGRAMS 

 - OVERVIEW AND CURRICULUM

## ENVIRONMENTAL DESIGNIS

Falling under the realm of architecture, which is the imaginative blend of art and science in design, Texas A\&M's four-year Bachelor of Environmental Design (B.E.D) degree fosters creativity and problem-solving skills, provides extensive knowledge of architectural history and theory, and cultivates knowledge and capability in building and design technology. The program prepares students for professional Master of Architecture graduate programs and challenging careers in industries supporting the built environment.

Students pursuing the pre-professional B.E.D. degree enroll in design studio courses that tackle architectural projects similar to those faced by professional architects. Studio projects emphasize the technical and expressive content of design, the processes by which students research, synthesize, and document their ideas, and create tangible designs.

The studio courses are complemented by courses in technology, history, theory, and practice. Architectural design integrates diverse fields of interest, and the architect is best thought of as a professional who bridges and blends a diverse body of knowledge into significant projects related to the built environment.

Coursework encourages multidisciplinary and comparative perspectives that allow opportunities for communication and team-oriented methods of production. Global perspectives are encouraged by a mandatory, semester-long study away experience that includes study abroad or internship opportunities.

Students interested in professional registration as an architect must complete a National Architectural Accreditation Board-accredited Master of Architecture program in addition to the four-year undergraduate Bachelor of Environmental Design Degree.

| LISTING | CLASS CRE | CREDITS |
| :---: | :---: | :---: |
| FIRST YEAR Fall Semester |  |  |
| ENDS 105 | Design Foundations I | 4 |
| ENDS 115 | Design Communication Foundations | 3 |
| ARCH 249 | Survey of World Architecture History I | 3 |
| ARCH 281 | Seminar in Contemporary Architecture | 1 |
| Select one of the following: |  |  |
| MATH 140, or MATH 152 | Mathematics for Business and Social Sciences, or Engineering Mathematics II | $\begin{aligned} & 3 \\ & 3 \\ & 3 \end{aligned}$ |
|  | SEMESTER CREDIT HOURS | RS 14 |
| FIRST YEAR Spring Semester |  |  |
| ENDS 108 | Design and Visual Communication Foundations II | 5 |
| ARCH 250 | Survey of World Architecture History II | 3 |
| ENGL 104 | Composition and Rhetoric | 3 |
| Select one of the following: |  |  |
| MATH 142 or MATH 151 | Business Calculus or Engineering Mathematics I | 3 |
| Cultural Discourse ${ }^{1}$ |  | 3 |
|  | SEMESTER CREDIT HOURS | RS 17 |
| SECOND YEAR Fall Semester |  |  |
| ARCH 205 | Architecture Design I | 4 |
| ARCH 212 | Social and Behavioral Factors in Design | 3 |
| ARCH 330 | The Making of Architecture | 3 |
| PHYS 201 | College Physics | 4 |
| Government/ Political science |  | 3 |
|  | SEMESTER CREDIT HOURS | URS 17 |

*Subject to change
${ }^{1}$ To be selected from any of the 100-499 level courses designated as cultural discourse (CD) not used elsewhere (such as CARC 101)
${ }^{2}$ Study away electives will be selected with the approval of the Assistant Dean for International Programs and Initiatives
${ }^{3}$ Directed Electives are to be selected from an approved list; see the Department of Architecture Undergraduate Advisor located in Langford ARCA 219

All proposals for undergraduate independent study must be signed by the supervising faculty and submitted to the department for approval. Forms are available from the Department of Architecture Undergraduate Advisor in Langford ARCA 219, and on the department website.
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| LISTING | CLASS | CREDITS |
| :--- | :---: | :--- |
| SECOND YEAR | Spring Semester |  |
| ARCH 206 | Architecture Design II | 5 |
| ARCH 213 | Sustainable Architecture | 3 |
| CARC 481 | Semester Away Seminar | 1 |
| American history |  | 3 |
| Life and Physical Sciences Elective | 4 |  |

SEMESTER CREDIT HOURS 16
THIRD YEAR Fall/Spring Semester

| ARCH 305 | Architectural Design III | 5 |
| :--- | :--- | :--- |
| ARCH 331 | Architectural Structures | 3 |
| ARCH 335 | Architectural Systems | 3 |
| Communication Elective | 3 |  |
| Life and Physical Sciences Elective | 1 |  |

SEMESTER CREDIT HOURS 15
THIRD YEAR Fall/Spring Semester
Study Away Semester
Select one of the following:

| CARC 301 | Field Studies in Design Innovation | 12 |
| :--- | :--- | :---: |
|  | Study Away Elective ${ }^{2}$ |  |
| or ARCH 494 | Internship | 12 |
|  | Study Away Elective $^{2}$ |  |

## SEMESTER CREDIT HOURS 12

FOURTH YEAR Fall Semester

| ARCH 405 | Architectural Design IV | 5 |
| :--- | :--- | :--- |
| ARCH 431 | Integrated Structures | 2 |
| ARCH 435 | Integrated systems | 2 |
| American History | 3 |  |
| Government/ Political Science | 3 |  |

SEMESTER CREDIT HOURS 15

## FOURTH YEAR Spring Semester

| ARCH 406 | Architecture Design V | 5 |
| :--- | :--- | :---: |
| ARCH 350 | History and Theory of Modern and <br> Contemporary Architecture | 3 |
| Directed Elective $^{3}$ | 3 |  |
| Directed Elective $^{3}$ | 3 |  |
|  | SEMESTER CREDIT HOURS | $\mathbf{1 4}$ |

TOTAL SEMESTER CREDIT HOURS

A grade of C or better must be made in all College of Architecture courses (ARCH, ARTS, CARC, COSC, ENDS, LAND, LDEV, VIST, URPN and VIZA). Students must also make a grade of C or better in any course used as an equivalent substitution for College of Architecture courses that satisfy degree requirements.

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## CoNSTRUDTION SCIENCE

## WHAT IS GONSTRLUTIONSUENEE?

Construction science combines aspects of business, project planning, and construction management into one degree. Our four-year bachelor of science program will prepare students for a career as project engineers, site superintendents, estimators, and project managers.

Our accredited program teaches industry topics including construction methods and materials, estimating, scheduling, project management, surveying, structural analysis, equipment management, facilities management, construction law, and business/labor relations. This interdisciplinary approach provides the student with the best possible exposure to the various tools needed to become a construction industry leader.

## AREASOF INTEREST

- Cost estimating
- Project planning
- Facilities management
- Building information modeling
- Project management
- Construction law
- Risk management
- Scheduling

Construction management graduates quickly become valued members of construction teams and participate in planning, cost estimating, scheduling, supervision, and commissioning of complete, high-quality facilities in a timely and safe and quality manner. They also possess the professional knowledge to confidently interact with professional engineers, registered architects, and owners to solve problems that may arise.

All students are required to complete an industry internship, which will provide them with an opportunity to apply their formal education and gain valuable work experience. The Department of Construction Science partners with the Construction Industry Advisory Council to stay current and meet industry needs.

| LISTING | CLASS CR | DITS |
| :---: | :---: | :---: |
| FIRST YEAR Fall Semester |  |  |
| CARC 289 | Cultural and Social Issues in the Natural, Built, and Virtual Environment | 3 |
| COSC 153 | Intro to the Construction Industry | 3 |
| ECON 202 | Principles of Economics | 3 |
| HIST 105 | American History | 3 |
| MATH 140 | Mathematics for Business and Social Sciences | 3 |
| COSC 181 | Construction Safety | 1 |
| SEMESTER CREDIT HOURS 16 |  |  |
| FIRST YEAR Spring Semester |  |  |
| ACCT 209 | Survey of Accounting Principles | 3 |
| COSC 175 | Construction Graphics Communication | 3 |
| MATH 142 | Business Calculus | 3 |
| HIST 106 or | American History or | 3 |
| HIST 226 | Texas History |  |
| ENGL 104 | Technical and Business Writing | 3 |
| COSC 182 | First Year Experience Course | 1 |
| SEMESTER CREDIT HOURS 16 |  |  |
| SECOND YEAR Fall Semester |  |  |
| ENGL 210 | Technical and Business Writing | 3 |
| COSC 253 | Construction Materials and Methods | 3 |
| PHYS 201 | College Physics | 4 |
| POLS 206 | Government/Political Science | 3 |
| Life and Physic | al Sciences Elective ${ }^{1}$ | 1 |
| SEMESTER CREDIT HOURS 14 |  |  |
| SECOND YEAR Spring Semester |  |  |
| COSC 275 | Estimating I | 3 |
| Creative Arts/ICD |  | 3 |
| Select one of the following: |  |  |
| CHEM 119 | Fundamentals of Chemistry 1 | 4 |
| $\begin{array}{r} \text { GEOL } 101 \text { \& } \\ \text { GEOL } 102 \end{array}$ | Principles of Geology \& Principles of Geology Lab | 4 |
| POLS 207 | Government/Political Science | 3 |
| MGMT 209 | Business, Government, and Society ${ }^{3}$ | 3 |
| SEMESTER CREDIT HOURS 16 |  |  |
| THIRD YEAR Fall Semester |  |  |
| COSC 321 | Structural Systems I | 3 |
| COSC 325 | Mechanical, Electrical, and Plumbing Systems in Construction I | 3 |
| COSC 301 | Construction Surveying | 3 |
| COSC 375 | Estimating I/ | 3 |
| COSC Elective ${ }^{5}$ |  | 3 |
| SEMESTER CREDIT HOURS |  | 15 |



## PROGRAM SEMESTER CURRICULUM*

| LISTING | CLASS | CREDITS |  |
| :--- | :--- | :--- | :--- |
|  | FIRST YEAR | Fall Semester |  |
| LAND 101 | Introduction to <br> Architectural Practice | Landscape |  |
| LAND 111 | Landscape Architecture Communications I | 3 |  |
| ENGL 104 | Composition and Rhetoric | 3 |  |
| MATH 140 | Mathematics for Business <br> Sciences | and | Social |
| URPN 220 | Digital Communication I | 3 |  |
| RENR 205 | Fundamentals of Ecology | 3 |  |
| First Year Experience | SEMESTER CREDIT HOURS | $\mathbf{1 6}$ |  |


| FIRST YEAR |  |  |
| :--- | :--- | :---: |
| LAND 112 | Landscape Architecture Communications II | 3 |
| ARCH 250 | Survey of World Architecture History II | 3 |
| MATH 142 | Business Calculus | 3 |
| Life and Physical Sciences Core Curriculum | 4 |  |
| General Elective (Upper Level)** | 3 |  |
| SEMESTER CREDIT HOURS |  |  |
| SECOND YEAR Fall Semester |  |  |
| LAND 211 | Landscape Design I |  |
| LAND 240 | History of Landscape Architecture |  |
| LAND 231 | Landscape Construction I | 3 |
| POLS 206 | American National Government |  |
| HORT 306 | Trees \& Shrubs for Sustainable <br> Environments | Built |

SEMESTER CREDIT HOURS 17

## SECOND YEAR Spring Semester

| LAND 212 | Landscape Design II | 4 |
| :--- | :--- | :--- |
| LAND 232 | Landscape Construction II | 3 |
| RENR 215 | Fundamentals of Ecology - Lab | 1 |
| HORT 308 | Plants for Sustainable Landscapes | 3 |
| History Core Curriculum | 3 |  |
| Computer Elective | 3 |  |

SEMESTER CREDIT HOURS 17

| THIRD YEAR |  |  |
| :--- | :--- | :--- |
| Fall Semester |  |  |
| LAND 311 | Landscape Design III | 5 |
| LAND 301 | Landscape Architecture Theory | 3 |
| ENGL 210 | Technical and Business Writing | 3 |
| History Core Curriculum | 3 |  |
| URPN Elective ${ }^{* *}$ |  | 3 |



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| LISTING | CLASS CR | CREDITS |
| :---: | :---: | :---: |
| FIRST YEAR Fall Semester |  |  |
| ENGL 104 | Composition and Rhetoric | 3 |
| MATH 140 | Finite Math | 3 |
| POLS 206 | American National Government | 3 |
| LAND 101 | Intro to Landscape Architectural Practice | 1 |
| URPN 201 | The Evolving City ${ }^{\text { }}$ | 3 |
| History Uni | ity Core Curriculum | 3 |
| First Year | ience | 0 |
|  | SEMESTER CREDIT HOURS | 16 |
| FIRST YEAR Spring Semester |  |  |
| ARCH 250 | Survey of World Architecture History II | 3 |
| MATH 142 | Business Calculus | 3 |
| POLS 207 | State \& Local Government | 3 |
| ECON 202 | Principles of Economics | 3 |
| URPN 202 | Building Better Cities | 3 |
|  | SEMESTER CREDIT HOURS | 15 |
| SECOND YEAR Fall Semester |  |  |
| URPN 210 | Urban Analytical Methods | 3 |
| RENR 205 | Fundamentals of Ecology | 3 |
| LAND 240 | History of Landscape Architecture | 3 |
| General Ele |  | 3 |
| Social and Behavioral Sciences Core Curriculum (SOCI 205 preferred) |  | 3 |
|  | SEMESTER CREDIT HOURS | 15 |
| SECOND YEAR Spring Semester |  |  |
| URPN 310 | Urban Analytical Methods II | 3 |
| Life and Physid | al Sciences Core Curriculum | 4 |
| History Uni | ity Core Curriculum | 3 |
| Sociology R | irement (upper level) | 3 |
| General Elective |  | 3 |
| SEMESTER CREDIT HOURS |  | 16 |
| THIRD YEAR Fall Semester |  |  |
| ENGL 210 | Technical Writing | 3 |
| RENR 215 | Ecology Lab | 1 |
| URPN 220 | Digital Communications | 3 |
| URPN 302 | Planning Law | 3 |
| RENR 375 | Conservation of Natural Resources | 3 |
| Concentrat | Elective** | 3 |



| LISTING | CLASS CR | CREDITS |
| :---: | :---: | :---: |
| SEMESTER CREDIT HOURS 16 |  |  |
| THIRD YEAR Spring Semester |  |  |
| CARC 481 | Seminar | 1 |
| URPN 483 | Urban and Regional Planning Studio | 4 |
| URPN 401 | Policy Implementation | 3 |
| URPN 325 | Intro to GIS' | 3 |
| URPN 330 | Land Development ${ }^{1}$ | 3 |
| KINE 120 or a | core science | 1 |
| SEMESTER CREDIT HOURS 15 |  |  |
| FOURTH YEAR Fall Semester |  |  |
| URPN 494 or CARC 301 | Internship or <br> Field Studies in Design Innovation | 6 |
| Study Abroad or 2 Concentration Electives |  | 6 |
|  | SEMESTER CREDIT HOURS | 6 OR 12 |
| FOURTH YEAR Spring Semester |  |  |
| URPN 331 | Public and Private Infrastructure Funding | 3 |
| URPN 493 | Urban and Regional Planning Capstone | 5 |
| Concentration | Elective** | 3 |
| General Elect |  | 4 |
| SEMESTER CREDIT HOURS 15 |  |  |
|  | TOTAL SEMESTER CREDIT HOURS | 120 |

*Subject to change
**See advisor for a list of approved courses.
A grade of C or better is required in courses under major coursework and supporting coursework..

For Study Abroad students will take CARC 301, CARC 311, and CARC 331. Other university courses will be approved individually through advisor.

For Internship Students will register for URPN 494 in $4^{\text {th }}$ year, fall semester. Two approved Supporting Coursework courses must be taken in semesters other than fall, $4^{\text {th }}$ year.

URPN 494 in $4^{\text {th }}$ year, fall semester. Two approved Supporting Coursework courses must be taken in semesters other than fall, $4^{\text {th }}$ year.
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Urban Planning is a profession concerned with the design and development of the built environment. Urban planners understand the different elements that must exist to create a viable community and have the skills to address these challenges. They collaborate with government officials, business leaders, and citizens to help build communities following evidence-based choices of where and how people work and live.

AREAS OF NTTEREST

- GeoDesign
- Spatial analytics
- Land use science
- Community development
- Transportation planning
- Housing
- Economic development

The Bachelor of Science in Urban and Regional Planning degree program is based in the Department of Landscape Architecture and Urban Planning. The Urban Design Track teaches students for entry-level positions in planning allied fields and prepares them for graduate studies in fields such as urban planning and urban design. The core curriculum, designed to teach students the knowledge and skills to deal effectively with the opportunities and challenges inherent in the development, growth and culture of neighborhoods, cities, and regions, integrates the many aspects of place-making with emphasis on social justice, environmental stewardship, economic viability, and practical design.

In urban design, planners apply critical thinking and analytical skills to create workable arrangements and designs of the buildings, public spaces, transport systems, land uses, open spaces, services, and amenities that give form and character to community development of the built environment.

Classroom and service-learning experiences enable graduates to more reliably and realistically assess complex community problems, develop design solutions for overcoming those problems, and project the outcomes of designed environments in meeting community and regional needs.

| LISTING | CLASS | CREDITS |
| :---: | :---: | :---: |
| SECOND YEAR Spring Semester |  |  |
| LAND 212 | Landscape Design II | 4 |
| LAND 232 | Landscape Construction II | 3 |
| HORT 308 | Plants for Sustainable Landscapes | 3 |
| RENR 215 | Fundamentals of Ecology Lab | 1 |
| History Uni | sity Core Curriculum | 3 |
| Computer | ive (URPN 325 or320) | 3 |
| SEMESTER CREDIT HOURS 17 |  |  |
| THIRD YEAR Fall Semester |  |  |
| LAND 311 | Landscape Design III | 5 |
| ENGL 210 | Technical Writing | 3 |
| LAND 210 | Landscape Architecture Theory | 3 |
| URPN Elec |  | 3 |
| History University Core Curriculum |  |  |

SEMESTER CREDIT HOURS 17

| THIRD YEAR |  |  |
| :--- | :--- | :--- |
| Spring Semester |  |  |
| POLS 207 | State \& Local Government | 3 |
| LAND 241 | Landscape Architecture in America | 3 |
| LAND 312 | Landscape Design IV | 5 |
| LAND 331 | Landscape Construction III | 4 |
| URPN 202 | Building Better Cities | 3 |

SEMESTER CREDIT HOURS 18

## SECOND YEAR Fall Semester

| LAND 240 | History of Lanscape Architecture | 3 |
| :--- | :--- | :--- |
| LAND 211 | Landscape Design I | 4 |
| LAND 231 | Landscape Construction I | 4 |
| POLS 206 | American \& National Government | 3 |
| HORT 306 | Trees and Shrubs for Sustainable Built <br> Environments | 3 |

SEMESTER CREDIT HOURS 17
**For internship, 2 concentration electives must be added to different semesters
${ }^{1}$ Must make a grade of C or better.
${ }^{2}$ See advisor for a list of approved courses.
${ }^{3}$ Semester Away: May be satisfied by study abroad, at another university, internship, or special arrangement by advisor or instructor. Concentration electives may be taken during summer, online, distance education, at another university or college, or at a study abroad university.
${ }^{4}$ Study abroad course. If electing to study abroad, must take CARC 311 and CARC 331 as concentration electives.
${ }^{5}$ If a student takes URPN 494 in Fall of 4th year, 6 hours of concentration electives must be added to different semesters other than this fall.
${ }^{6}$ This course will be selected in consultation with the student's advisor. If not participating in study abroad, 3 hours must come from approved course in International and Cultural Diversity.

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## WHAT ISUNIVEBSTIY STUOIES?

University Studies - Global Arts, Planning, Design \& Construction - is a unique degree plan that is made just for you! With a foundational knowledge of global art, planning, design and construction along with the two minors you select, each degree plan is as unique as you are.

University Studies degree options at Texas A\&M University are offered by each college. This format provides students flexibility to create individualized degree plans, and provides additional opportunities for access to courses in colleges that may have restricted admission.

The College of Architecture offers a University Studies Degree concentration or minor in architecture. The 25 -credit-hour architecture concentration is uniquely administered by the college, rather than by a department, and includes coursework in all four college departments.

A required five-week summer study abroad program gives students the opportunity to learn from industry-related faculty in foreign countries. 15 -week programs are also available for more in-depth study.

| LISTING | CLASS | CREDITS |
| :---: | :---: | :---: |
| DESIGN |  |  |
| Select one of the following: |  |  |
| ARCH 249 | Survey of World Architecture History I | 3 |
| ARCH 250 | Survey of World Architecture History II | 3 |
| ARTS 111 | Drawing I | 3 |
| ARTS 149 | Survey of Art History 1 | 3 |
| ARTS 150 | Survey of Art History II | 3 |
| COSC 175/ <br> AREN 175 | Construction Graphics Communication | 3 |
| ENDS 101 | Design Process | 3 |
| GLOBAL AND CULTURAL DISCOURSE |  |  |
| CARC 101 | Cultural and Social Issues in the Natural, Built, and Virtual Environment | 3 |
| CONSTRUCTION |  |  |
| Select one of the following: |  |  |
| cosc 253 | Construction Materials Methods I | 3 |
| COSC 153 | Introduction to the Construction Industry | 3 |
| LEADERSHIP |  |  |
| ALED 340 | Theory of Leadership | 3 |
| URBAN PLANNING |  |  |
| Select one of the following: |  |  |
| URPN 202 | Building Better Cities | 3 |
| URPN 201 | The Evolving City | 3 |
| STUDY ABROAD ${ }^{2}$ |  |  |
| CARC 481 | Seminar | 1 |
| CARC 311 | Field Studies in Design Communication' | 3 |
| CARC 331 | Field Studies in Design Philosophy ${ }^{1}$ | 3 |
| DIRECTED ELECTIVES |  |  |
| College of | itecture Course 300-499 | 3 |
| COLLEGE AND UNIVERSITY REQUIREMENTS |  |  |


| LISTING | CLASS | CREDITS |
| :--- | :--- | :---: |
| POLS 206 | American National Government | 3 |
| POLS 207 | State and Local Government | 3 |
| American History | 6 |  |
| Communication | 6 |  |
| Creative Arts | 3 |  |
| Mathematics | 6 |  |
| Language, Philosophy, and Culture | 3 |  |
| Life and Physical Sciences | 9 |  |
| Social and Behavior Sciences | $15-18$ |  |
| MINOR 1 ${ }^{3}$ |  |  |
| (University approved minors) | $15-18$ |  |
| MINOR 2 ${ }^{3}$ |  |  |
| (University approved minors) | $17-23$ |  |
| GENERAL ELECTIVES ${ }^{4}$ | $\mathbf{1 2 0}$ |  |

*Subject to change
${ }^{1}$ Or approved study abroad course
A 2.0 GPA is required in all major field of study courses.
Two writing-intensive courses are required.
One course must meet the International and Cultural Diversity requirement.

One course must meet the Cultural Discourse requirement.
${ }^{2}$ Mandatory study abroad
${ }^{3}$ Both minors cannot be in the College of Architecture
${ }^{4} 6$ hours must be upper-level general electives
*Subject to change
USAR CONTACTS
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Michael Clement | mclement@arch.tamu.edu
Phone | (979) 845-1144

## WHATIS VISUALIZAIION?

Whether through an artist's sketch or computer-generated animation, visual media informs, entertains, and communicates ideas. The interdisciplinary Bachelor of Science in Visualization program engages visual, intuitive, and analytical strategies in design problem-solving for the purpose of visual communication.

The visualization program is structured to develop a student's artistic, scientific, and technical abilities in a studio learning environment. Coursework and instruction provide students a specialized skill set for creating visual experiences in graphic design, interactivity, and animation/visual effects. This broad foundation of knowledge and quality of problem-solving skills provide students with opportunities to pursue careers in the fields of animation, visual effects, game development, graphic design, simulation, and data visualization

AREAS OF NTIEREST

- Interactive media design
- Visual effects
- CG lighting/shading
- Character technical directing
- Game design
- Technical art
- Web development
- CG pipeline development for architectural, engineering, and medical fields.

A required semester away provides the opportunity to study abroad in one of several foreign studies programs, study at another university, or serve an internship in an industry related to the student's area of interest.

## PROGRAM SEMESTER CURRICULUM *

| LISTING | CLASS CRE | CREDITS |
| :---: | :---: | :---: |
| FIRST YEAR Fall Semester |  |  |
| ARTS 115 | Drawing for Visualization | 3 |
| ENGL 104 | Composition and Rhetoric | 3 |
| PHYS 201 | College Physics | 4 |
| VIST 105 | Principles of Design I | 3 |
| VIST 131 | First Year Seminar | 1 |
| VIST 284 | Visualization Techniques | 1 |
| SEMESTER CREDIT HOURS 15 |  |  |
| FIRST YEAR Spring Semester |  |  |
| ARTS 149 | Art History Survey 1 | 3 |
| MATH 151 | Engineering Mathematics I | 4 |
| VIST 106 | Principles of Design II | 3 |
| VIST 170 | Introduction to Visualization Computing Elements | 1 |
| VIST 284 | Visualization Techniques | 1 |
| POLS 206 | Government/Political Science | 3 |
| SEMESTER CREDIT HOURS 15 |  |  |
| SECOND YEAR Fall Semester |  |  |
| ARTS 212 | Life Drawing | 3 |
| MATH 152 | Engineering Mathematics /I | 4 |
| VIST 205 | Principles of Design III | 3 |
| VIST 270 | Computing for Visualization I | 4 |
| Visualization Directed Elective ${ }^{1}$ |  | 3 |
|  | SEMESTER CREDIT HOURS | RS 17 |


| LISTING | CLASS CR | CREDITS |
| :---: | :---: | :---: |
| SECOND YEAR Spring Semester |  |  |
| ARTS 150 | Art History Survey II | 3 |
| VIST 206 | Visual Studies Studio I | 3 |
| VIST 235 | Theory and Practice in Visualization | 2 |
| VIST 271 | Computing Visualization II | 4 |
| VIST 284 | Visualization Techniques | 1 |
| Traditional A |  | 3 |
| SEMESTER CREDIT HOURS 16 |  |  |
| THIRD YEAR Fall Semester |  |  |
| ARTS 349 | The History of Modern Art | 3 |
| VIST 305 | Visual Studies Studio II | 3 |
| VIST 339 | Research Techniques in Visualization | 3 |
| VIST 375 | Foundations in Visualization | 3 |
| Life and Phys | al Sciences | 4 |
| SEMESTER CREDIT HOURS 16 |  |  |
| THIRD YEAR Spring Semester |  |  |
| $\begin{aligned} & \text { CARC } 301 \text { or } \\ & \text { VIST } 494 \\ & \hline \end{aligned}$ | Field Studies in Innovation ${ }^{3}$ or Internship | 6 |
| Language, Ph | osophy, and Culture ${ }^{3}$ | 3 |
| Free Elective ${ }^{3}$ |  | 3 |
| SEMESTER CREDIT HOURS 12 |  |  |
| FOURTH YEAR Fall Semester |  |  |
| HIST 105 | History of the United States | 3 |
| VIST 405 | Visual Studies Studio III | 3 |
| VIST 432 or VIST 441 | Applied Perception or Scientific and Technological Developments in Visual Arts | 3 |
| VIST439 | Capstone Proposal Development | 1 |
| Digital Arts ${ }^{5}$ |  | 3 |
| Life and Phys | al Sciences | 1 |
| SEMESTER CREDIT HOURS 14 |  |  |
| FOURTH YEAR Spring Semester |  |  |
| HIST 106 | History of the United States | 3 |
| VIST 409 | Capstone Studio | 3 |
| POLS 207 | State \& Local Government | 3 |
| Communicat |  | 3 |
| Social and Be | avioral Sciences | 3 |
| SEMESTER CREDIT HOURS 15 |  |  |
| TOTAL SEMESTER CREDIT HOURS 120 |  |  |

and VIZA). Students must also make a grade of $C$ or better in any course used as an equivalent substitution for College of Architecture courses that satisfy degree requirements.

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## TEXAS A\&M UNIVERSITY <br> College of Architecture

