EXECUTIVE VICE PRESIDENT AND PROVOST
THE UNIVERSITY OF TEXAS AT AUSTIN

110 Inner Campus Drive, Suite 201 • G1000 • Austin, Texas 78712-1701 • (512) 471-4363 • FAX (512) 475-7385

January 5, 2016

Dr. Steven Leslie
Executive Vice Chancellor for Academic Affairs
The University of Texas System
P4300

Dear Dr. Leslie:

Enclosed for your consideration and approval are the following proposed changes to the School of Architecture chapter in the *Undergraduate Catalog, 2016-2018* (D 13740-13753). Faculty Council approved these proposals on December 14, 2015. Final approval resides with UT System.

- Bachelor of Architecture/Bachelor of Arts, Plan II Dual Degree Program (D 13740-13746)
- Bachelor of Architecture/Bachelor of Science in Architectural Engineering (D 13747-13753)

Sincerely,

Judith H. Langlois
Executive Vice President and Provost, *ad interim*

JHL: lac

Enclosure

cc: Gregory Fenves, President
Carol Longoria, Assistant Deputy to the President
Frederick Steiner, Dean, Architecture
Katrina Kosted, Undergraduate Academic Advising Coordinator, Architecture
Brenda Schumann, Associate Registrar
IRRIS Team
Hillary Hart, Secretary, General Faculty and Faculty Council
Deborah Roberts, Executive Assistant, OGF
Victoria Cervantes, Senior Administrative Associate, OGF

OFFICE OF THE FACULTY COUNCIL

THE UNIVERSITY OF TEXAS AT AUSTIN

P. O. BOX 7816 • Austin, TX 78713-7816
(512) 471-5934 • Fax: (512) 471-5984 • http://www.utexas.edu/faculty/council

December 15, 2015

Judith H. Langlois
Interim Executive Vice President and Provost
The University of Texas at Austin
MAI 201
Campus Mail Code: G1000

Dear Dr. Langlois:

Enclosed for your consideration and action are proposed changes to the Bachelor of Architecture/Bachelor of Arts, Plan II Dual Degree Program in the School of Architecture chapter in the *Undergraduate Catalog, 2016-2018* (D 13740-13746). The proposal was classified as being of *exclusive* interest to only one college or school and was approved by the Faculty Council on a no-protest basis on December 14, 2015. The authority to grant final approval on these changes resides with UT System.

Please let me know if you have questions or if I can provide other information concerning this legislation.

Sincerely,

Hillary Hart, Secretary
General Faculty and Faculty Council

HH:dlr

Enclosures

xc: Gregory L. Fenves, president
Janet Dukerich, senior vice provost

ec (letter only): Carol Longoria, deputy to the president
Frederick Steiner, dean, architecture
Katrina Kosted, undergraduate academic advising coordinator, architecture
Allen Walser, manager of reporting and analysis, IRRIS
Brenda Schumann, associate registrar
Lydia Cornell, program coordinator, provost's office
Michelle George, administrative manager for faculty affairs, provost's office

DOCUMENTS OF THE GENERAL FACULTY

PROPOSED CHANGES TO THE BACHELOR OF ARCHITECTURE/BACHELOR OF ARTS, PLAN II DUAL DEGREE PROGRAM IN THE SCHOOL OF ARCHITECTURE CHAPTER IN THE *UNDERGRADUATE CATALOG, 2016-2018*

Dean Fredrick R. Steiner, in the School of Architecture has filed with the secretary of the Faculty Council the following changes to the *Undergraduate Catalog, 2016-2018*. In September 2014, the school faculty and approved the proposed changes. The secretary has classified this proposal as legislation of *exclusive* interest to only one college or school.

The Committee on Undergraduate Degree Program Review recommended approval of the minor on December 2, 2015, and forwarded the proposal to the Office of the General Faculty. The Faculty Council has the authority to approve this legislation on behalf of the General Faculty. The authority to grant final approval on this legislation resides with UT System.

If no objection is filed with the Office of the General Faculty by the date specified below, the legislation will be held to have been approved by the Faculty Council. If an objection is filed within the prescribed period, the legislation will be presented to the Faculty Council at its next meeting. The objection, with reasons, must be signed by a member of the Faculty Council.

To be counted, a protest must be received in the Office of the General Faculty by December 14, 2015.

Hillary Hart, Secretary
General Faculty and Faculty Council

13741

PROPOSED CHANGES TO THE BACHELOR OF ARCHITECTURE/BACHELOR OF ARTS, PLAN II DUAL DEGREE PROGRAM IN THE SCHOOL OF ARCHITECTURE CHAPTER IN THE *UNDERGRADUATE CATALOG, 2016-2018*

Type of Change ☒ Academic Change
☐ Degree Program Change (THECB form required)

Proposed classification ☒ Exclusive ☐ General ☐ Major

1. **IF THE ANSWER TO ANY OF THE FOLLOWING QUESTIONS IS YES, THE COLLEGE MUST CONSULT LINDA DICKENS, DIRECTOR OF ACCREDITATION AND ASSESSMENT, TO DETERMINE IF SACS-COC APPROVAL IS REQUIRED.**
   - Is this a new degree program? Yes ☐ No ☒
   - Does the program offer courses that will be taught off campus? Yes ☐ No ☒
   - Will courses in this program be delivered electronically? Yes ☐ No ☒

2. **EXPLAIN CHANGE TO DEGREE PROGRAM AND GIVE A DETAILED RATIONALE FOR EACH INDIVIDUAL CHANGE:**
   Change in course numbering of Architecture 368R: Advanced Architectural History topics courses to stand-alone Architecture 342 series.

3. **THIS PROPOSAL INVOLVES (Please check all that apply)**
   - ☐ Courses in other colleges
   - ☐ Courses in proposer's college that are frequently taken by students in other colleges
   - ☐ Flags
   - ☐ Course in the core curriculum
   - ☐ Change in course sequencing for an existing program
   - ☐ Courses that have to be added to the inventory
   - ☐ Change in admission requirements (external or internal)
   - ☒ Requirements not explicit in the catalog language (e.g., lists of acceptable courses maintained by department office)
   - ☐ Other: clarification of certificate requirements

4. **SCOPE OF PROPOSED CHANGE**
   a. Does this proposal impact other colleges/schools? Yes ☐ No ☒
      If yes, then how?
   b. Do you anticipate a net change in the number of students in your college? Yes ☐ No ☒
      If yes, how many more (or fewer) students do you expect?
   c. Do you anticipate a net increase (or decrease) in the number of students from outside of your college taking classes in your college? Yes ☐ No ☒
      If yes, please indicate the number of students and/or class seats involved.
   d. Do you anticipate a net increase (or decrease) in the number of students from your college taking courses in other colleges? Yes ☐ No ☒
      If yes, please indicate the number of students and/or class seats involved.

   If 4 a, b, c, or d was answered with yes, please answer the following questions. If the proposal has potential budgetary impacts for another college/school, such as requiring new sections or a non-negligible increase in the number of seats offered, at least one contact must be at the college-level.
   How many students do you expect to be impacted?
   Impacted schools must be contacted and their response(s) included:
   Person communicated with:
   Date of communication:
   Response:
   e. Does this proposal involve changes to the core curriculum or other basic education requirements (42-hour core, signature courses, flags)? **No** If yes, explain:

If yes, undergraduate studies must be informed of the proposed changes and their response included:

Person communicated with:
Date of communication:
Response:

f. Will this proposal change the number of hours required for degree completion? No If yes, explain:

5. COLLEGE/SCHOOL APPROVAL PROCESS

Department approval date:	September 2014	Approved by:	Associate Dean Juan Miró
College approval date:	September 2014	Approved by:	Associate Dean Juan Miró
Dean approval date:	September 2014	Approved by:	Dean Fredrick R. Steiner

PROPOSED NEW CATALOG TEXT:

Bachelor of Architecture/Bachelor of Arts, Plan II Dual Degree Program

The Bachelor of Architecture/Bachelor of Arts, Plan II, dual degree program is sponsored jointly by the School of Architecture and the College of Liberal Arts. The five-year program, which includes summer sessions, offers the academic and professional advantage of a strong liberal arts background.

Students interested in this program should consult the Plan II Program description given in the College of Liberal Arts.

The following outline of courses is a suggested method for simultaneously completing the requirements for both degree programs. Students should consult their advisers, the lists below, and the Bachelor of Arts, Plan II degree program given in the College of Liberal Arts to ensure that their coursework plans will fulfill all requirements of both degrees.

Curriculum

A total of at least 186 hours of coursework is required for this dual degree program.
All students must complete the University's Core Curriculum as well as the courses listed in the following table. In some cases, a course that is required for the dual degree program may also be counted toward the core curriculum; these courses are identified below.

Requirements		
Architecture		
Design		
ARC 310K	Design I	3
ARC 310L	Design II	3
ARC 320K	Design III	3
ARC 520L	Design IV	5
ARC 520M	Design V	5
ARC 530T	Design VI	5
ARC 560R	Advanced Design (taken three times)	15
ARC 560T	Advanced Design	5
Visual communication		
ARC 311K	Visual Communication I	3
ARC 311L	Visual Communication II	3
ARC 221K	Visual Communication III	2
ARC 361T	Technical Communication	3
Professional practice		
ARC 362	Professional Practice	3

Site design		
ARC 333	Site Design	3
Environmental controls		
ARC 334K	Environmental Controls I	3
ARC 334L	Environmental Controls II	3
Construction		
ARC 415K	Construction I	4
ARC 415L	Construction II	4
ARC 435K	Construction III	4
ARC 435L	Construction IV	4
ARC 335M	Construction V	3
Architectural History		
ARC 308	Architecture and Society (meets the visual and performing arts requirement of the core curriculum)	3
ARC 318K	World Architecture: Origins to 1750	3
ARC 318L	World Architecture: The Industrial Revolution to the Present	3
ARC 368R	Topics in the History of Architecture (taken three times)	9
Planning		
CRP 369K	Principles of Physical Planning	3
Core Curriculum Requirements		
[~~E 603~~] E 303C or [~~T C 603~~] TC 303C	[~~Composition and Reading in World Literature (this two-semester course meets the English composition and humanities requirement of the core curriculum) Composition and Reading in World Literature~~] Plan II World Literature Part 1 (this course meets the English composition requirement of the core curriculum)	[6]3
E 303D or TC 303D	Plan II World Literature Part 2 (this course meets the humanities requirement of the core curriculum)	3

Foreign language [~~506, 507, 312K, and 312L, or an equivalent sequence~~] as specified for Plan II		[~~16~~] hours vary
M 408C	Differential and Integral Calculus (meets the mathematics requirement of the core curriculum)	4
PHL 610Q	Problems of Knowledge and Valuation	6
PHY 302K	General Physics--Technical Course: Mechanics, Heat, and Sound (physics sequence meets part I of the science and technology requirement of the core curriculum)	3
or PHY 303K	Engineering Physics I	
PHY 102M	Laboratory for Physics 302K	1
or PHY 103M	Laboratory for Physics 303K	
PHY 302L	General Physics--Technical Course: Electricity and Magnetism, Light, Atomic and Nuclear Physics	3
or PHY 303L	Engineering Physics II	
PHY 102N	Laboratory for Physics 302L	1
or PHY 103N	Laboratory for Physics 303L	
S S 301	Honors Social Science (meets the social and behavioral sciences requirement of the core curriculum)	3
T C 302	First-Year Signature Course: Plan II (meets the first-year signature course requirement of the core curriculum)	3
[~~T C 357~~] TC	The Junior Seminar (taken twice)	6

358		
T C 660H	Thesis Course: Honors	6
BIO 301E	Problems in Modern Biology (counts toward part II of the science and technology requirement of the core curriculum)	3
Natural science elective		3
Elective		3
Additional coursework to satisfy the core curriculum		12
Total Hours		186

Suggested Arrangement of Courses

Courses	Sem Hrs
First Year	
Fall	
Architecture 310K, *Design I*	3
Architecture 311K, *Visual Communication I*	3
Architecture 308, *Architecture and Society*	3
~~[English 603A or Tutorial Course 603A: *Composition and Reading in World Literature*]~~ English 303C or Tutorial Course 303C *Plan II World Literature Part 1*	3
Tutorial Course 302, *First-Year Signature Course: Plan II*	3
	Total 15
Spring	
Architecture 310L, *Design II*	3
Architecture 311L, *Visual Communication II*	3
Architecture 318K, *World Architecture: Origins to 1750*	3
~~[English 603B or Tutorial Course 603B: *Composition and Reading in World Literature*]~~ English or Tutorial Course 303D *Plan II World Literature Part 2*	3
Mathematics 408C, *Differential and Integral Calculus*	4
	Total 16
Summer	
Physics 302K, *General Physics--Technical Course: Mechanics, Heat, and Sound*	3
Physics 102M, *Laboratory for Physics 302K*	1
Physics 302L, *General Physics--Technical Course: Electricity and Magnetism, Light, Atomic and Nuclear Physics*	3
Physics 102N, *Laboratory for Physics 302L*	1
	Total 8
Second Year	
Fall	
Architecture 320K, *Design III*	3
Architecture 221K, *Visual Communication III*	2
Architecture 415K, *Construction I*	4
Architecture 318L, *World Architecture: The Industrial Revolution to the Present*	3
History 315K, *The United States, 1492-1865*	3
	Total 15
Spring	

Architecture 520L, *Design IV*	5
Architecture 415L, *Construction II*	4
Architecture 333, *Site Design*	3
Architecture 368R, *Topics in the History of Architecture*	3
	Total 15
Summer	
Foreign language [~~506 (or 406)~~] requirement for Plan II (see the Plan II chapter)	[~~5~~]
Foreign language [~~507 (or 407)~~] requirement for Plan II (see the Plan II chapter)	[~~5~~]
	Total [~~10~~] variable
Third Year	
Fall	
Architecture 520M, *Design V*	5
Architecture 435K, *Construction III*	4
Architecture 334K, *Environmental Controls I*	3
Social Science 301, *Honors Social Science*	3
	Total 15
Spring	
Architecture 530T, *Design VI*	5
Architecture 435L, *Construction IV*	4
Architecture 334L, *Environmental Controls II*	3
Biology 301E, *Problems in Modern Biology*	3
	Total 15
Summer	
Foreign language [~~312K~~] requirement for Plan II (see the Plan II chapter)	~~3~~
Foreign language [~~312L~~] requirement for Plan II (see the Plan II chapter)	~~3~~
Government 310L, *American Government*	3
Government 312L, *Issues and Policies in American Government*	3
	Total [~~12~~] variable
Fourth Year	
Fall	
Architecture 560R, *Advanced Design*	5
Philosophy 610QA, *Problems of Knowledge and Valuation*	3
History 315L, *The United States since 1865*	3
Tutorial Course [~~357~~] 358, *The Junior Seminar*	3
	Total 14
Spring	
Architecture 560T, *Advanced Design*	5
Architecture 361T, *Technical Communication*	3
Philosophy 610QB, *Problems of Knowledge and Valuation*	3
Tutorial Course [~~357~~] 358, *The Junior Seminar*	3

Elective	3
	Total 17
Fifth Year	
Fall	
Architecture 560R, *Advanced Design*	5
Architecture 335M, *Construction V*	3
Architecture 368R, *Topics in the History of Architecture*	3
Tutorial Course 359T, *Essay Course*	3
Science course prescribed by the Plan II committee	3
	Total 17
Spring	
Architecture 560R, *Advanced Design*	5
Architecture 362, *Professional Practice*	3
Architecture 368R, *Topics in the History of Architecture*	3
Community and Regional Planning 369K, *Principles of Physical Planning*	3
Elective	3
	Total 17

OFFICE OF THE FACULTY COUNCIL

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December 22, 2015

Judith H. Langlois
Interim Executive Vice President and Provost
The University of Texas at Austin
MAI 201
Campus Mail Code: G1000

Dear Dr. Langlois:

Enclosed for your consideration and action are proposed changes to the Bachelor of Architecture/Bachelor of Science, in Architectural Engineering Dual Degree Program in the School of Architecture chapter in the *Undergraduate Catalog, 2016-2018* (D 13747-13753). The proposal was classified as being of *general* interest to more than one college or school and was approved by the Faculty Council on a no-protest basis on December 14, 2015. The authority to grant final approval on these changes resides with UT System.

Please let me know if you have questions or if I can provide other information concerning this legislation.

Sincerely,

Hillary Hart, Secretary
General Faculty and Faculty Council

HH:dlr

Enclosures

xc: Gregory L. Fenves, president
Janet Dukerich, senior vice provost

ec (letter only): Carol Longoria, deputy to the president
Frederick Steiner, dean, architecture
Katrina Kosted, undergraduate academic advising coordinator, architecture
Allen Walser, manager of reporting and analysis, IRRIS
Brenda Schumann, associate registrar
Lydia Cornell, program coordinator, provost's office
Michelle George, administrative manager for faculty affairs, provost's office

DOCUMENTS OF THE GENERAL FACULTY

PROPOSED CHANGES TO THE BACHELOR OF ARCHITECTURE/BACHELOR OF SCIENCE IN ARCHITECTURAL ENGINEERING DUAL DEGREE PROGRAM IN THE SCHOOL OF ARCHITECTURE CHAPTER IN THE *UNDERGRADUATE CATALOG, 2016-2018*

Dean Fredrick R. Steiner, in the School of Architecture has filed with the secretary of the Faculty Council the following changes to the *Undergraduate Catalog, 2016-2018*. In September 2014, the school faculty and approved the proposed changes. The secretary has classified this proposal as legislation of *general* interest to more than one college or school.

The Committee on Undergraduate Degree Program Review recommended approval of the minor on December 2, 2015, and forwarded the proposal to the Office of the General Faculty. The Faculty Council has the authority to approve this legislation on behalf of the General Faculty. The authority to grant final approval on this legislation resides with UT System.

If no objection is filed with the Office of the General Faculty by the date specified below, the legislation will be held to have been approved by the Faculty Council. If an objection is filed within the prescribed period, the legislation will be presented to the Faculty Council at its next meeting. The objection, with reasons, must be signed by a member of the Faculty Council.

To be counted, a protest must be received in the Office of the General Faculty by December 21, 2015.

Hillary Hart, Secretary
General Faculty and Faculty Council

Posted on the Faculty Council website (http://www.utexas.edu/faculty/council/) on December 7, 2015.

13748

PROPOSED CHANGES TO THE BACHELOR OF ARCHITECTURE/BACHELOR OF SCIENCE IN ARCHITECTURAL ENGINEERING DUAL DEGREE PROGRAM IN THE SCHOOL OF ARCHITECTURE CHAPTER IN THE *UNDERGRADUATE CATALOG, 2016-2018*

Type of Change ☒ Academic Change
☐ Degree Program Change (THECB form required)

Proposed classification ☐ Exclusive ☒ General ☐ Major

1. **IF THE ANSWER TO ANY OF THE FOLLOWING QUESTIONS IS YES, THE COLLEGE MUST CONSULT LINDA DICKENS, DIRECTOR OF ACCREDITATION AND ASSESSMENT, TO DETERMINE IF SACS-COC APPROVAL IS REQUIRED.**
   - Is this a new degree program? Yes ☐ No ☒
   - Does the program offer courses that will be taught off campus? Yes ☐ No ☒
   - Will courses in this program be delivered electronically? Yes ☐ No ☒

2. **EXPLAIN CHANGE TO DEGREE PROGRAM AND GIVE A DETAILED RATIONALE FOR EACH INDIVIDUAL CHANGE:**
   The proposal ensures that transcript-recognized certificates used in place of transcript-recognized minors meet the requirements of a transcript-recognized minor.

3. **THIS PROPOSAL INVOLVES (Please check all that apply)**
   - ☐ Courses in other colleges
   - ☐ Courses in proposer's college that are frequently taken by students in other colleges
   - ☐ Flags
   - ☐ Course in the core curriculum
   - ☐ Change in course sequencing for an existing program
   - ☐ Courses that have to be added to the inventory
   - ☐ Change in admission requirements (external or internal)
   - ☐ Requirements not explicit in the catalog language (e.g., lists of acceptable courses maintained by department office)
   - ☐ Other: clarification of certificate requirements

4. **SCOPE OF PROPOSED CHANGE**
   a. Does this proposal impact other colleges/schools? Yes ☒ No ☐
      If yes, then how?
   b. Do you anticipate a net change in the number of students in your college? Yes ☐ No ☒
      If yes, how many more (or fewer) students do you expect?
   c. Do you anticipate a net increase (or decrease) in the number of students from outside of your college taking classes in your college? Yes ☐ No ☒
      If yes, please indicate the number of students and/or class seats involved.
   d. Do you anticipate a net increase (or decrease) in the number of students from your college taking courses in other colleges? Yes ☐ No ☒
      If yes, please indicate the number of students and/or class seats involved.

If 4 a, b, c, or d was answered with yes, please answer the following questions. If the proposal has potential budgetary impacts for another college/school, such as requiring new sections or a non-negligible increase in the number of seats offered, at least one contact must be at the college-level.

How many students do you expect to be impacted? Five to six.

Impacted schools must be contacted and their response(s) included:

Person communicated with: Keith Baird/Molly Gully

Date of communication: September 28, 2015

Response: Keith Baird notified me of the M 427J course number, and Molly Gully notified me of the ARE 371 course number.

e. Does this proposal involve changes to the core curriculum or other basic education requirements (42-hour core, signature courses, flags)? **No** If yes, explain:
If yes, undergraduate studies must be informed of the proposed changes and their response included:
Person communicated with:
Date of communication:
Response:

f. Will this proposal change the number of hours required for degree completion? No If yes, explain:

5. COLLEGE/SCHOOL APPROVAL PROCESS

Department approval date:	September 2014	Approved by:	Associate Dean Juan Miró
College approval date:	September 2014	Approved by:	Associate Dean Juan Miró
Dean approval date:	September 2014	Approved by:	Dean Fredrick R. Steiner

PROPOSED NEW CATALOG TEXT:

Bachelor of Architecture/Bachelor of Science in Architectural Engineering Dual Degree Program

As a six-year dual professional degree program, the Bachelor of Architecture/Bachelor of Science in Architectural Engineering is founded upon the mutual interests of both architecture and architectural engineering.

For admission to the dual degree program, a student must meet the Admission Requirements of the School of Architecture and the requirements given in Admission and Registration for the Cockrell School of Engineering. Students are advised to contact both the School of Architecture and the Cockrell School of Engineering for specific information about the dual degree program.

Students in the dual degree program complete the requirements of the Bachelor of Architecture and the Bachelor of Science in Architectural Engineering degrees. See the descriptions for the five-year Bachelor of Architecture degree program and the Bachelor of Science in Architectural Engineering for more information.

The following outline of courses is the suggested method for completing the requirements for both degrees simultaneously. Dual degree students must also consult the additional requirements of the Bachelor of Science in Architectural Engineering degree. Dual degree students are responsible for fulfilling the requirements of both degrees.

A student who follows the suggested arrangement of courses below completes all requirements for both degrees at the end of the spring semester of the sixth year.

Curriculum

A total of at least 197 hours of coursework is required for this dual degree program.

All students must complete the University's Core Curriculum as well as the courses listed in the following table. In some cases, a course that is required for the dual degree program may also be counted toward the core curriculum; these courses are identified below.

Requirements		
Architecture		
Design		
ARC 310K	Design I	3
ARC 310L	Design II	3
ARC 320K	Design III	3
ARC 520L	Design IV	5
ARC 520M	Design V	5
ARC 530T	Design VI	5
ARC 560R	Advanced Design (taken twice)	10
ARC 560T	Advanced Design	5
Visual communication		
ARC 311K	Visual Communication I	3
ARC 311L	Visual Communication II	3
ARC 221K	Visual Communication III	2
ARC 361T	Technical Communication	3
Professional practice		
ARC 362	Professional Practice	3
Site design		
ARC 333	Site Design	3
Construction		
ARC 335M	Construction V	3
Architectural History		
ARC 308	Architecture and Society (visual and performing arts)	3
ARC 318K	World Architecture: Origins to 1750	3
ARC 318L	World Architecture: The Industrial Revolution to the Present	3
ARC 368R	Topics in the History of Architecture (taken three times)	9
[~~Core Curriculum Requirements~~] Community and regional planning		
CRP 369K	Principles of Physical Planning	3
Engineering requirements		
ARE 102	Introduction to Architectural Engineering	1
ARE 217	Computer-Aided Design and Graphics	2
ARE 323K	Project Management and Economics	3
ARE 335	Materials and Methods of Building Construction	3
ARE 346N	Building Environmental Systems	3
ARE 346P	HVAC Design	3
or [~~ARE 370~~] ARE 371	[~~Design of Energy Efficient and Healthy Buildings~~] *Energy Simulation In Building Design*	
ARE 465	Integrated Design Project	4
ARE 366	Contracts, Liability, and Ethics	3
CH 301	Principles of Chemistry I (part II science and technology)	3
C E 311K	Introduction to Computer Methods	3
C E 311S	Probability and Statistics for Civil Engineers	3
C E 324P	Properties and Behavior of Engineering Materials	3
C E 319F	Elementary Mechanics of Fluids	3
C E 329	Structural Analysis	3
C E 331	Reinforced Concrete Design	3
or C E 335	Elements of Steel Design	
C E 333T	Engineering Communication	3

C E 357	Geotechnical Engineering	3
E M 306	Statics	3
E M 319	Mechanics of Solids	3
GEO 303	Introduction to Geology	3
M 408C	Differential and Integral Calculus (mathematics)	4
M 408D	Sequences, Series, and Multivariable Calculus	4
M 427J	Differential Equations with Linear Algebra	4
Or M 427K	Advanced Calculus for Applications I	
M E 320	Applied Thermodynamics	3
PHY 303K	Engineering Physics I (physics sequence meets part I science and technology)	3
PHY 103M	Laboratory for Physics 303K	1
PHY 303L	Engineering Physics II	3
PHY 103N	Laboratory for Physics 303L	1
Approved mathematics or science elective		3
Approved technical electives		9
Additional coursework to satisfy the core curriculum		24
Total Hours		197

Suggested Arrangement of Courses

Courses	Sem Hrs
First Year	
Fall	
Architecture 310K, *Design I*	3
Architecture 311K, *Visual Communication I*	3
Architecture 308, *Architecture and Society*	3
Architectural Engineering 102, *Introduction to Architectural Engineering*	1
Mathematics 408C, *Differential and Integral Calculus*	4
Undergraduate Studies 302, *First-Year Signature Course* or Undergraduate Studies 303, *First-Year Signature Course*	3
	Total 17
Spring	
Architecture 310L, *Design II*	3
Architecture 311L, *Visual Communication II*	3
Architecture 318K, *World Architecture: Origins to 1750*	3
Mathematics 408D, *Sequences, Series, and Multivariable Calculus*	4
Physics 303K, *Engineering Physics I*	3
Physics 103M, *Laboratory for Physics 303K*	1
	Total 17
Second Year	
Fall	
Architecture 320K, *Design III*	3
Architecture 221K, *Visual Communication III*	2

Architecture 318L, *World Architecture: The Industrial Revolution to the Present*	3
Engineering Mechanics 306, *Statics*	3
Physics 303L, *Engineering Physics II*	3
Physics 103N, *Laboratory for Physics 303L*	1
Rhetoric and Writing 306, *Rhetoric and Writing*	3
	Total 18
Spring	
Architecture 520L, *Design IV*	5
Architecture 333, *Site Design*	3
Civil Engineering 311K, *Introduction to Computer Methods*	3
Chemistry 301, *Principles of Chemistry I*	3
Engineering Mechanics 319, *Mechanics of Solids*	3
	Total 17
Third Year	
Fall	
Architecture 520M, *Design V*	5
Civil Engineering 311S, *Probability and Statistics for Civil Engineers*	3
Civil Engineering 329, *Structural Analysis*	3
Civil Engineering 314K, *Properties and Behavior of Engineering Materials*	3
Mechanical Engineering 320, *Applied Thermodynamics*	3
	Total 17
Spring	
Architecture 530T, *Design VI*	5
Architectural Engineering 217, *Computer-Aided Design and Graphics*	2
Architectural Engineering 335, *Materials and Methods of Building Construction*	3
Architectural Engineering 346N, *Building Environmental Systems*	3
Mathematics 427J, *Differential Equations with Linear Algebra* or Mathematics 427K, *Advanced Calculus for Applications I*	4
	Total 17
Fourth Year	
Fall	
Architecture 368R, *Topics in the History of Architecture*	3
Civil Engineering 319F, *Elementary Mechanics of Fluids*	3
English 316K, *Masterworks of Literature*	3
Approved mathematics or science elective	3
Social and behavioral sciences core	3
	Total 15
Spring	

Architectural Engineering 323K, *Project Management and Economics*	3
Civil Engineering 331, *Reinforced Concrete Design*, or Civil Engineering 335, *Elements of Steel Design*	3
Civil Engineering 357, *Geotechnical Engineering*	3
Community and Regional Planning 369K, *Principles of Physical Planning*	3
Government 310L, *American Government*	3
	Total 15
Fifth Year	
Fall	
Architecture 560R, *Advanced Design*	5
Architectural Engineering 346P, *HVAC Design*, or Architectural Engineering [~~370~~] 371, [~~*Design of Energy Efficient and Healthy* Building~~]s *Energy Simulation In Building Design*	3
Civil Engineering 333T, *Engineering Communication*	3
History 315K, *The United States, 1492-1865*	3
Approved technical elective	3
	Total 17
Spring	
Architecture 335M, *Construction V*	3
Architectural Engineering 366, *Contracts, Liability, and Ethics*	3
Architectural Engineering 465, *Integrated Design Project*	4
Approved technical electives	6
	Total 16
Sixth Year	
Fall	
Architecture 560T, *Advanced Design*	5
Architecture 361T, *Technical Communication*	3
Architecture 368R, *Topics in the History of Architecture*	3
Geological Sciences 303, *Introduction to Geology*	3
History 315L, *The United States since 1865*	3
	Total 17
Spring	
Architecture 560R, *Advanced Design*	5
Architecture 362, *Professional Practice*	3
Architecture 368R, *Topics in the History of Architecture*	3
Government 312L, *Issues and Policies in American Government*	3
	Total 14