



This four year guide is a recommended semester-by semester plan of study for this major. All four year guides are meant as examples of how a degree can be completed in four years. Individual plans will be developed for each student in consultation with the academic advisor. Prior credit, course availability, and student needs must be considered in developing the individual plan.

Shaded areas of guide require special attention.

Course Subject and Title	Credit Hours	Min. Grade	Major GPA	Important Notes
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#### Semester One: [16-17 Credit Hours]

TEC 2029: Society and Technology	3			May count in GEN ED: Local to Global: Sustainability
MAT 1025: Algebra & Elementary Functions	4			Fulfills GEN ED: Quantitative Literacy
UCO 1200: First Year Seminar	3			Fall or Spring of freshman year
ENG 1000: Expository Writing	3			Fall or Spring of freshman year
PHY 1103 or GEN ED: Perspective Course	3-4			PHY 1103 required for major; may apply to GEN ED: Science Inquiry

#### Semester Two: [15-16 Credit Hours]

TEC 1728: Architectural Graphics	3	C		Fall or Spring of freshman year; prerequisite or co-requisite is TEC 1708
TEC 1708: Construction Technology	3	C		Fall or Spring of freshman year
TEC 2758: Surveying, Soils, & Foundations	3	C		
GEN ED: Perspective Course	3			
PHY 1104 or GEN ED: Perspective Course	3-4			PHY 1104 required for major; may apply to GEN ED: Science Inquiry

#### Semester Three : [15-16 Credit Hours]

TEC 2718: Bldg Mechanical Systems	3	C		Fall or Spring semester
TEC 2601: Energy Issues & Technology	3	C		Fall or Spring semester
ENG 2001: Intro Writing	3			Fall or Spring of sophomore year
GEN ED: Perspective Course or PHY 1103	3-4			Required for major: may apply to GEN ED: Science Inquiry
TEC 4618: Sustainable Bldg Design & Constr	3	C		Fall or Spring semester

#### Semester Four: [15-16 Credit Hours]

TEC 3038: Comm Construction Technology	3	C		Writing in the Discipline (WID)
ECO 2620: Environ Resource Economics	3			
Major Elective	3	C		Choose from courses on the Program of Study
GEN ED: Perspective Course or PHY 1104	3-4			
GEN ED: Perspective Course	3			

#### Semester Five: [14 - 15 Credit Hours]

TEC 3039: Materials Science	3	C		Fall or Spring semester
TEC 3718: Construction Estimating	3	C		Fall or Spring of junior year
Major Elective	3			Choose from courses on the Program of Study
GEN ED: Perspective Course	3			
Free Elective	2-3			2 s.h. of free electives must be from outside the discipline



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#### Semester Six: [13-14 Credit Hours]

TEC 3748: Building Science	3	C		Fall or Spring of junior year
TEC 3728: Arch Design Studio I	3			Fall or Spring of junior year
TEC 3738: Statics & Strength of Structures	3	C		Fall or Spring of junior year
PHL 2015: Environmental Ethics	3			May count in GEN ED: Local to Global: Sustainability
GEN ED: Wellness Literacy	1-2			

#### Summer Session [ 6 Credit Hours]

TEC 4900: Internship	6			Capstone (CAP); take during the summer between the Junior and Senior year or later
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#### Semester Seven: [15 Credit Hours]

TEC 4758: Planning & Scheduling	3	C		Fall or Spring of senior year
TEC 4788: Integr of Energy & Bldg Systems	3	C		Offered Fall semester only
PHY 1830: Physical Principles of Energy	3			May count in GEN ED: Local to Global: Sustainability
Major Elective	3			Choose from courses on the Program of Study
Free Elective	3			

#### Semester Eight: [13-14 Credit Hours]

TEC 4103: Leadership Technical Settings	3	C		Fall or Spring of senior year
Free Elective	3			
Major Elective	3	C		Choose from courses on the Program of Study
GEN ED: Wellness Literacy	1-2			
Free Elective	3			



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**General Requirements Summary**

Minimum Total Hours	Gen Ed. Hours	Writing	Minimum	
			Major GPA	Overall GPA
122	44	ENG 1000 and ENG 2001	2.0	2.0

**General Education Program Model - 44 Semester Hours Total**

Program Categories	Hours	Important Notes – <i>Be sure to check for Gen Ed courses required in your major</i>
First Year Seminar	3	Can be taken first or second semester of freshman year
Wellness Literacy	2	
Quantitative Literacy	4	
First Year Writing	3	Can be taken first or second semester of freshman year
Sophomore Writing	3	
Perspectives:	29	You must have two six-hour themes, one nine-hour theme, and have met the Fine Art, Historical Studies and the Literary Studies designations.
Aesthetic	6 or 9	
Historical & Social	6 or 9	
Local to Global	6 or 9	TEC 2029, PHL 2015, and PHY 1830 count for nine-hour theme: <i>Sustainability &amp; Global Change</i>
Science Inquiry	8	PHY 1103 and PHY 1104 required in the major may apply here

**Additional Notes:**

- TEC 4900 Internship (6 sh) should be taken in the summer between the Junior and Senior year or later.
- After completion of TEC 1728 and TEC 2708, students will take the Building Science Competency Exam (a minimum grade of 70 in each part is required before taking Advanced coursework).
- A minor is not required but a minor in Community and Regional Planning is recommended.