

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]

UCO 1200 or Hon 1515 or WGC 1103	3			
MAT 1025 or higher	4			1025 is minimum required for AT program
ENG 1000 or LLC 1000 or WGC 1103	3			
BIO 1201 or CHE 1101 or PHY1103	3-4			Need to complete a sequence from the same discipline
TEC 2029 Society & Technology	3			May also be used in GEN ED: Local to Global Perspective: Sustainability & Global Change if completing a theme.

Semester Two: [14-15 Credit Hours]

Interdisciplinary Course for the major (SD 2400 or PHL 2015)	3			SD 2400 or PHL 2015 may be used in GEN ED: Local to Global Perspective: Sustainability & Global Change if completing a theme
GEN ED: Wellness Literacy	2			Choose any 2 sh course from GEN ED: Program of Study
TEC 2601 Energy Issues & Technology	3			May also be used in GEN ED: Local to Global Perspective if completing a theme
BIO 1202 or CHE 1102 or PHY 1104	3-4			Need to complete a sequence from the same discipline
GEN ED: Perspective Course	3			Aesthetic Perspective Course 1 of 2 needed in the same theme

Semester Three : [15 Credit Hours]

ENG 2001 or WGC 2001	3			Sophomore Writing
GEN ED: Perspective Course	3			Aesthetic Perspective Course 2 of 2 needed in the same theme
GEN ED: Perspective Course	3			Historical & Social Perspective Course 1 of 2 needed in same theme
TEC 1708 Construction Technology & Bldg Codes	3			Co-req or pre-req for TEC 1728
TEC 1728 Architectural Graphics & Computer Modeling	3			Requires TEC 1708 as co-req or pre-req

Semester Four: [15 Credit Hours]

Interdisciplinary Course for the major (SD 2400 or PHL 2015)	3			SD 2400 or PHL 2015 may be used in GEN ED: Local to Global Perspective: Sustainability & Global Change if completing a theme. Other courses from Program of Study or approved by your advisor; if you are interested in a earning a minor you could also take minor courses if approved by your advisor.
GEN ED: Perspective Course	3			Historical & Social Perspective Course 2 of 2 needed in same theme
IND 2120 Materials & Processes I	3			
TEC 3604 Sustainable Transportation or Interdisciplinary course #3	3			Can take any interdisciplinary courses listed on AT program of study, or other course approved by your advisor; if you are interested in a earning a minor you could also take minor courses if approved by your advisor.
TEC 2718 Building Mechanical Systems	3			

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Semester Five: [15 Credit Hours]

GRA 1022 Digital Prepress	3			
Interdisciplinary course #3: any Interdisciplinary course on AT program of study	3			Can take any interdisciplinary courses listed on AT program of study, or other course approved by your advisor; if you are interested in a earning a minor you could also take minor courses if approved by your advisor.
TEC 3605 or 3606 or 3748	3			See program of study for pre-reqs
TEC 3638 Foundation of Appropriate Technology	3			Requires completion of Sophomore Writing
TEC 3605 or 3606 or 3748	3			See program of study for pre-reqs

Semester Six: [15 Credit Hours]

TEC Elective or Interdisciplinary or Minor course	3			This could be a class required by minor if a minor is being pursued
TEC Elective or Interdisciplinary or minor course	3			This could be a class required by minor if a minor is being pursued
TEC 3604 or 3748	3			See program of study for pre-reqs
Interdisciplinary course #4: any Interdisciplinary course on AT program of study	3			Can take any interdisciplinary courses listed on AT program of study, or other course approved by your advisor; if you are interested in a earning a minor you could also take minor courses if approved by your advisor.
GEN ED: Perspective Course	3			Must have 3 sh in Fine Arts, Historical Studies & Literary Studies

Semester Seven: [15 Credit Hours]

TEC 4608 Photovoltaic System Design & Construction	3			Dual-listed course that requires senior standing or permission
TEC 4618 Sustainable Bldg Design & Construction	3			Dual-listed course that requires senior standing or permission
TEC 4628 Solar Thermal Energy Technology	3			Dual-listed course that requires senior standing or permission
TEC 4711 Computer Modeling of Renewable Energy Systems	3			Dual-listed course that requires senior standing or permission
TEC 4700 Biofuels of Technology	3			Dual-listed course that requires senior standing or permission

Semester Eight: [15 Credit Hours]

TEC 4607 Wind & Hydro Power Technology	3			Dual-listed course that requires senior standing or permission
TEC 4638 Contemporary Problems in Appropriate Technology or TEC 4900 Internship	3	C		Capstone course; TEC 4900 may be taken for an additional 3 hours with approval of program coordinator. TEC 4638 has pre-req of TEC 4608 and requires a grade of "C" minimum.
TEC Elective	3			
Free Elective	3			
Free Elective	3			
Free Elective	2-3			Make sure you have 122 sh total for graduation

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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	Can be taken first or second semester of sophomore year
Perspectives:	29	You must have two six-hour themes, one nine-hour theme, and have met the Fine Art, Historical Studies, and Literary Studies designations.
Aesthetic	6 or 9	
Historical & Social	6 or 9	
Local to Global	6 or 9	Note: PHL 2015, S D 2400, and TEC 2029, if taken for the major, would fulfill your nine-hour theme, and six hours of your nine hours needed in Interdisciplinary coursework.
Science Inquiry	8	Can include BIO 1101/1102; CHE 1101/1102; or PHY 1103/1104 sequence