## 2013 - 2014 (revised 03/2014)

<b>Bachelor of Science</b>	(BS)	rogram of Study for
Degree Code		Sechnology & Environmental Design Majors
Non-Teaching		Appropriate Technology
11011-1 caching	11	appropriate reenhology
I. GENERAL EDUCAT	TION	
(MAT 1025 taken for the m	ajor fulfills Quantitative Literacy. TEC 2029, S D 2400, & PHL 2015 or PH ECO 2620 fulfill Local to Global: Global Resources for a 6 sh theme).	
	<u>1ENTS</u>	
	quired in the major. 18 semester hours must be completed at Appa	
	Discipline (WID) & Senior Capstone Experience (C	
	Algebra and Elementary Functions (or higher) (Prerequis	
* BIO 1101 & BIO	1102 or CHE 1101/ 1110 & CHE 1102/ 11	20 or PHY 1103 & PHY 1104 (8)
Introductory Technol	ogy & Environmental Design Coursework (21 sh)	
· · · · · · · · · · · · · · · · · · ·	Architectural Graphics & Computer Modeling (Pre/Coreq. TE	C 2708)
* TEC 2029 (3)		
* TEC 2601 (3)		
TEC 2708 (3)		
TEC 2718 (3)		Major requirements that may count in Gen Ed:
IND 2120 (3)		MAT 1025 (4) Quantitative Literacy
GRA 1022 (3)		SCIENCE (8) Science Requirement TEC 2029 (3) L to G Perspective: Sustainability
GIGT 1022(3)	instructor)	S D 2400 (3) L to G Perspective: Sustainability
Interdisciplinary Cou	rsework (12 - 14sh from any 4 courses)	PHL 2015 (3) L to G Perspective: Sustainability
ANT/SD 4570(3)		TEC 2601 (3) L to G Perspective: Global Resource ECO 2620 (3) L to G Perspective: Global Resource
BIO 3312 (3)	*	E to d i eispective. Global Resouled
* ECO 2620 (3)	Environmental & Resource Economics (Gen Ed: Local to Glob	pal Total Major Hrs: 90 - 92
、	Perspective: Global R	
GHY 2812(3)		Net Major 1113.
GHY 3820(3)	GIS for Environmental & Social Sciences	
MGT 3010(3)		
* PHL 2015(3)	Environmental Ethics (Gen Ed: Local to Global Perspective; Sus	tainability & Global Change)
PHY 1830(3)	The Physical Principles of Energy & Sustainability (Gen Ed:	Local to Global; Sustainability & Global Change)
PHY 3140(3)		
PLN 2410(3)		
* S D 2400(3)		pal Perspective; Sustainability & Global Change)
S D 3100(3)		
S D 4100(4)		
(3)	Other courses in Sustainability, geography & planning, busing	ness or environmental topics approved by an advisor
Taghnigal Specializat	ion (20 sh)	
Technical Specializat The following are requ		
	Foundations of Appropriate Technology (WID) (Prerequisites: En	JC 2001 on its assistations, TEC 2020 and TEC 2601 on normalisation of the instruction
	Wind and Hydro Power Technology (Prerequisite: TEC 1728,	
1EC 4007(3)	permission of the instruct	
TEC 4608 (3)	Photovoltaic System Design & Construction (Prerequisite: TE	
(0)		ion of the instructor)
TEC 4628(3)	Solar Thermal Energy Technology (Prerequisite: TEC 1728, TI	EC 2029, TEC 2601, TEC 2708, TEC 2718, & TEC
	3638 or permission of the in	structor)
And select 18 sh from	the following:	
TEC 3604(3)		
TEC 3605(3)		
TEC 3606(3)	Sustainable Water and Wastewater Technology (Prerequisites: TEC 2029, or permission of the instructor)	
TEC 3748(3)		
TEC 4618(3)		
TEC 4700(3)		
TEC 4711(3)	Computer Modeling of Renewable Energy Systems (Prerequi	isite: TEC 2601 and TEC 3638 or permission of the instructor)
0 (2.1)		
Capstone (3 sh)		

TEC 4638 \_\_\_\_\_ (3) Contemporary Problems in Appropriate Technology (CAP) ("C" minimum required) (Prerequisite: TEC 4608 or permission of the instructor)

TEC 4900 (3) Internship (CAP)

## Electives (12 sh)

Any TEC courses, study abroad experience, or Interdisciplinary courses listed above not already used elsewhere in the major \_\_\_\_\_(3) \_\_\_\_\_\_\_(3) (3) MINOR NOT REQUIRED \_\_\_\_(3)