gree Co ncentra n-Teacl	tion	(BS) 577 * 577D	Program of Study for Dept. of Sustainable Tech & The Built Env Building Sciences Sustainable Building Systems
GENERAL EDUCATION  (PHY 1103 & 1104 for the major fulfills Science Inquiry. MAT 1020 fulfills Quantitative Literacy. TEC 2029, PHL 2015, PHY 1830 may count in Gen Ed: ILE; TEC 2601 and ECC 2620 may count toward Gen Ed: Liberal Studies Experience).			
MAJ( (An ov	JOR REQUIREMENTS overall 2.0 GPA is required in the major. 18 semester hours must be completed at Appalachian. Laptop computers are required).		
Junio	r Writing in tl	e Discipline (WID) & Se	enior Capstone Experience (CAP) must be met.
Found	lation Course	vork (15 sh) Minimum grade o	"C-" in each course is required
			ations (or higher) (Prerequisite: pass math placement or MAT 0010)
TEC			d: Integrative Learning Experience: Sustainability & Global Resources; Social Sciences Designation)
PHY	1103		: MAT 1020 or MAT 1025 (or equivalent) (Gen Ed: Science Perspective)
			te: PHY 1103 or equivalent) (Gen Ed: Science Perspective)
			of "C" in each course is required
		) Construction Technology & I	
			mputer Modeling (Pre/Corequisite: TEC 1708)
TEC	2601 (3	<ul><li>Energy Issues &amp; Technology</li></ul>	(Gen Ed: Liberal Studies Experience)
TEC	2718 (3	<ul> <li>Building Mechanical System</li> </ul>	}
		) Surveying, Soils and Founda	
			chnology (Prerequisite: MAT 1020, TEC 1708, TEC 2758)
TEC	3039(	) Materials Science	
		ork (30 sh) Minimum grade of '	
TEC			requisite: MAT 1020 or higher, TEC 1708, 3038, knowledge of word processing & spreadsheets)
	3728 (3		I (Prerequisites: TEC 1708, 1728 or permission of the instructor)
	3738 (3		res (Prerequisite: MAT 1020, PHY 1103, TEC 1708, 1728, 2758, 3039)
TEC	3748 (3		requisite: TEC 1708, 2718, MAT 1020 or higher, or permission of the instructor; RC 2001 or its equivalent)
	4103 (3		
	4618 (3		& Construction (Prerequisite: TEC 1708 or permission of the instructor)
TEC	4758 (3		erequisite: MAT 1020 or higher, TEC 1708, 2718, 3038, 3718)
TEC			ailding Systems (Prerequisite: TEC 3718, 3728, 3748, 4618 or permission of the instructor)
TEC	4900(	Internship (CAP)	
		sh from the following)	
			erequisite: TEC 3728 or permission of the instructor)
		,	eld Study (Prerequisite: TEC 3728 or permission of the instructor)
TEC			s Field Study (Prerequisite: TEC 3728 or permission of the instructor)
TEC		-3) Instructional Assistant	
TEC	3638(		echnology (Prerequisites: TEC 2029 and TEC 2601, or permission of the instructor, and RC 2001 or its equivalent.)
TEC	3807(	,	
TEC	4608 (3	·	& Construction (Prereq: TEC 1708, TEC 1728, TEC 2029, TEC 2601, TEC 2718, TEC 3638 or permission of the instructor
TEC	4628 (3		ology (Prerequisites: TEC 1708, TEC 1728, TEC 2029, TEC 2601, TEC 2718, and TEC 3638 or permission of the instructor.)
TEC	4711(3		wable Energy (Prerequisites: TEC 2601 and TEC 3638 or permission of the instructor.)
ACC			
LAW			
PHY			
	(.		STBE related to sustainability or environmental topics approved by the
	program	coordinator	Major requirements that may count toward Gen. Ed: MAT 1020 (4) Quantitative Literacy (fulfills)
Interd	lisciplinary Co	urse (9 sh)	PHY 1103 (4) Science Perspective PHY 1104 (4) Science Perspective
ECO		,	nomics (Gen Ed: Liberal Studies Experience; SSD)  TEC 2029 (3) ILE: Sustainability; SSD TEC 2601 (3) Liberal Studies Experience
PHL		,	ILE: Sustainability & Global Resources) PHL 2015 (3) ILE: Sustainability
PHY	1830 (3	<ul><li>Physical Principles of Energy</li></ul>	7 & Sustainability (Gen Ed: ILE: Sustainability & PHY 1830 (3) ILE: Sustainability ECO 2620 (3) Liberal Studies Experience; SSD
			Total Major Hrs: 87
			Gen Ed: up to - <u>27</u> Net Major Hrs: 60
			ivet major 1115, 00