# BS, Building Sciences/Sustainable Building Systems Concentration

BS\_577D



College of Fine & Applied Arts
Department of Sustainable Technology & the Built Environment
2019 - 2020

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		on.				
Course Subject and Title	Credit Hours	Min. Grade		Include in Majo GPA		
		Semeste	r On	e: [14 Cr	edit Hours]	
MAT 1020		4	В	٧	Fulfills GEN ED: Quantitative Literacy ("B" or 3.0) required for major	
PHY 1103		4	С	٧	Fulfills GEN ED: Science Inquiry ("C" or 2.0) required for major	
R C 1000		3				
UCO 1200		3				
	9	Semeste	r Two	o: [16 Cr	edit Hours]	
PHY 1104		4	С	٧	Fulfills GEN ED: Science Inquiry ("C" or 2.0) required for major	
TEC 1708		3	С	٧		
TEC 2029		3	С	٧	Fulfills GEN ED: Integrative Learning Experience (SSD) ("C" or 2.0) required for major	
TEC 2739		3	С	٧		
GEN ED: ILE/LSE		3				
	Se	emester	Thre	e: [15 Cr	edit Hours]	
RC 2001		3	С	٧		
TEC 1728		3	С	٧		
TEC 2718		3	С	٧		
TEC 3738		3	С	٧		
GEN ED: ILE/LSE		3				
	9	emeste	r Fou	ır: [15 Cr	edit Hours]	
TEC 2601		3	С	٧		
TEC 3038		3	С	٧		
TEC 3748		3	С	٧		
TEC 3739		3	С	٧		
GEN ED: ILE/LSE		3				

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**GEN ED: Wellness Literacy** 

Shaded areas of guide require special attention.

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Course Subject and Title	Credit Hours	Min Grad requir	e	in Majo GPA			
	I		L				
	9	Semeste	r Fiv	e: [13 Cre	edit Hours]		
TEC 3718		3	С	٧			
TEC 3719		1	С	٧	Co-requisite with TEC 3718		
TEC 3728		3	С	٧			
Free Elective		3		٧			
GEN ED: ILE/LSE		3					
Semester Six: [15 Credit Hours]							
TEC 2024		3	С	٧			
TEC 4618		3	С	٧			
TEC 4758		3	С	٧			
Major Elective		3		٧			
GEN ED: ILE/LSE		3					
Summer Session [6 Credit Hours]							
TEC 4900: Internship		3	S		Capstone (CAP) Complete Summer between Junior and Senior year		
TEC 4901: Internship Portfolio		3	С	٧	Writing in the Discipline (WID) Co-requisite with TEC 4900		
	Ser	nester S	ever	n: [13-14 (	Credit Hours]		
TEC 3612		3	С	٧			
TEC 4729		3	С	٧	Offered Fall semester only		
Major Elective		3		٧			
Major Elective		3					
GEN ED: Wellness Literacy		1-2					
Semester Eight: [13-14 Credit Hours]							
TEC 4788		3	С	٧	Offered Spring semester only		
Major Elective	Major Elective 3			٧			
Major Elective		3		٧			
Major Elective		3					
		1	1				

1-2

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Credit Hours Rade in Major Important Notes required GPA

General Requirements Summary							
Minimum Gen Ed.	NA	Minimum					
Total Hours	Hours	Writing	Major GPA	Overall GPA			
120	44	R C 1000 and R C 2001	2.0	2.0			

General Education Program Model - 44 Semester Hours Total				
Program Categories	Hours	Important Notes – Be sure to check for Gen Ed courses required in your major		
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			
Integrative Learning Experience	9	Complete nine hours from a single theme. Students must take courses from at least two discipline prefixes in the chosen theme.		
Liberal Studies Experience	12	Must choose a minimum of three disciplines		
Science Inquiry	8			

You must also meet the Fine Arts, Literary Studies, Historical Studies, and the Social Science Designations. Those may be met within the Integrative Learning Experience and the Literary Studies Experience.

## **Additional Notes:**

# Residency Requirements:

- o 31 hours must be from ASU (25% of the credit hours required in the degree).
- o 18 hours in the major must be from ASU.
- o 9 hours in the minor must be from ASU (if required).
- o Final 30 hours must be taken through ASU (includes internships, study abroad taken through ASU).
- TEC 4900 Internship (6 sh) should be taken in the summer between the Junior and Senior year or later.
- A minor is not required but a minor in Community and Regional Planning is recommended.