

Major Map: Sustainability – Bachelor of Science (B.S.) School of Sustainability, Tempe Campus Catalog Year: 2007-2008

			Completed ATP: Yes No		Completed AGEC: Yes No		
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirements Notes		
TERM ONE: 0-15 CREDIT HOURS	1115.	Division	Course/Grade	Required	Additional Critical Requirements Profes		
ASU 101-SOS: The ASU Experience (Required by School)	1				ASU 101 is for freshman ASU students only. Not required for transfer students. ADS ATT ACT According to TOPEH soors.		
ENG 101 or 102: First-Year Composition or							
ENG 107 or 108: English for Foreign Students or ENG 105: Advanced First-Year Composition	3			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition		
Complete 1 course from:	3			Grade of C	courses		
SOS 110: Sustainable World (Major Course) or		_			ASU Math Placement Exam score determines placement in Mathematics course		
SOS 111: Sustainable Cities (Major Course and HU or SB, G) Complete Math pre-requisite (Please see an advisor about which	3			Grade of C	SOS 110 and SOS 111 must be completed by end		
math course to take):					of term 2		
MAT 270: Calculus with Analytical Geometry (MA) or	3-4			Grade of C	Minimum cumulative GPA of 2.5 in SOS 110 and 111		
MAT 210: Brief Calculus (MA) or MAT 170 Precalculus or							
General Elective							
Second Language (Required by School)	4			Grade of C			
TERM TWO: 16-30 CREDIT HOURS					- 12 house in an ammoused related discipline (places		
ENG 101 or 102: First-Year Composition or ENG 107 or 108: English for Foreign Students or					12 hours in an approved related discipline (please consult an academic advisor with questions)		
ENG 105: Advanced First-Year Composition	3			Grade of C	First-year composition requirement must be		
Complete remaining course from: SOS 110: Sustainable World (Major Course) or					completed by end of term 3 • (MA) must be completed by end of term 2		
SOS 110: Sustainable World (Major Course) or SOS 111: Sustainable Cities (Major Course and HU or SB, G)	3			Grade of C	SOS 110 and SOS 111 must be completed by end		
MAT 271: Calculus with Analytical Geometry II (MA) or					of term 2		
MAT 211: Mathematics for Business Analysis or MAT 251: Calculus for Life Sciences (MA) or					Minimum cumulative GPA of 2.5 in SOS 110 and 111		
MAT 265: Calculus for Engineers (MA) (Major Course)							
Please see an advisor about which math course to take	3-4			Grade of C			
#Related Discipline Course (Major Course)	3			Grade of C			
Second Language (Required by School)	4			Grade of C			
TERM THREE: 31-45 CREDIT HOURS		1			121		
Complete 1 Major Course from: SOS 320: Society and Sustainability					12 hours in an approved related discipline (please consult an academic advisor with questions)		
SOS 321: Policy and Governance in Sustainable Systems					First-year composition requirement must be		
SOS 322: International Development and Sustainability SOS 233: Systematical Lybert Dynamics					completed by end of term 3		
SOS 323: Sustainable Urban Dynamics SOS 324: Sustainable Energy, Materials, and Technology					Minimum 2.5 cumulative GPA in all SOS major courses recommend		
SOS 325: The Economics of Sustainability		_					
SOS 326: Sustainable Ecosystems	3			Grade of C			
Related Discipline Course (Major Course)	3			Grade of C			
Literacy and Critical Inquiry (L)	3						
Natural Sciences-Quantitative (SQ) or General (SG)	3						
General Elective TERM FOUR: 46-60 CREDIT HOURS	3						
Complete 1 additional Major Course from:					12 hours in an approved related discipline (please)		
SOS 320: Society and Sustainability					consult an academic advisor with questions)		
SOS 321: Policy and Governance in Sustainable Systems SOS 322: International Development and Sustainability					6 (out of 12 required) hours of courses from SOS 320-326 must be completed by end of term 4		
SOS 322: International Development and Sustainability SOS 323: Sustainable Urban Dynamics					MILESTONE: Students must determine which		
SOS 324: Sustainable Energy, Materials, and Technology SOS 325: The Ferromine of Southing Hiller					track they are pursuing by end of term 4		
SOS 325: The Economics of Sustainability SOS 326: Sustainable Ecosystems	3	\boxtimes		Grade of C	Minimum 2.5 cumulative GPA in all SOS major courses recommend		
Related Discipline Course (Major Course)	3			Grade of C			
Related Upper Division Discipline Course (Major Course)	3			Grade of C			
STP 226: Elements of Statistics or Other Approved Statistics Course							
(Required by School) and (CS)	3						
Natural Science-Quantitative (SQ) TERM FIVE: 61-75 CREDIT HOURS	4						
Complete 1 additional Major Course from:					• 9 (out of 12) must be completed from SOS 320-326		
SOS 320: Society and Sustainability					by end of term 6; one of these courses must be		
SOS 321: Policy and Governance in Sustainable Systems SOS 322: International Development and Sustainability					related to the student's track (SOS 324-326) • School statistics requirement must be completed by		
SOS 322: International Development and Sustainability SOS 323: Sustainable Urban Dynamics					end of term 5		
SOS 324: Sustainable Energy, Materials, and Technology SOS 325: The Francisco & Sustainabilities					2.5 cumulative GPA in all SOS major courses		
SOS 325: The Economics of Sustainability SOS 326: Sustainable Ecosystems	3			Grade of C			
Challenge Area Elective (Major Course)							
Please see an advisor to determine which electives can be taken	3			Grade of C			
Upper division Literacy and Critical Inquiry (L)	3						
Cultural Diversity in the United States (C)	3						
Upper division General Elective	3	ı ıXI	1		I .		

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School of Sustainability, Tempe Campus Catalog Year: 2007-2008

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirements Notes	
TERM SIX: 76-90 CREDIT HOURS						
SOS Elective (Major Course) (must be a 400-level course)	3	\boxtimes		Grade of C	9 (out of 12) must be completed from SOS 320-326 by end of term 6; one of these courses must be related to the student's track (SOS 324-326)	
Humanities, Fine Arts, and Design (HU)	3					
Social and Behavioral Sciences (SB)	3				2.5 cumulative GPA in all SOS major courses	
General Elective(s)	2-4					
TERM SEVEN: 91-105 CREDIT HOURS						
SOS 484: Sustainability Internship or		_			2.5 cumulative GPA in all SOS major courses	
SOS 494: Sustainability Workshop/Service Learning (Major Course)	3			Grade of C		
Humanities, Fine Arts, and Design (HU) or Social and Behavioral Sciences (SB)	3					
Upper division Humanities, Fine Arts, and Design (HU) or	3				_	
Social and Behavioral Sciences (SB)	3	\boxtimes				
Historical Awareness (H)	3					
Upper division General Elective	3	\boxtimes				
TERM EIGHT: 106-120 CREDIT HOURS						
Complete 1 additional Major Course from:					2.5 cumulative GPA in all SOS major courses	
SOS 320: Society and Sustainability						
SOS 321: Policy and Governance in Sustainable Systems SOS 322: International Development and Sustainability						
SOS 322: International Development and Sustainability SOS 323: Sustainable Urban Dynamics						
SOS 324: Sustainable Energy, Materials, and Technology						
SOS 325: The Economics of Sustainability						
SOS 326: Sustainable Ecosystems	3	\square		Grade of C		
Challenge Area Elective (Major Course)						
Please see an advisor to determine which electives can be taken	3			Grade of C		
Upper division General Elective	3	\boxtimes				
Upper division General Elective	3	\boxtimes				
Upper division General Elective	3	\boxtimes				

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition (56 minimum)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)	Cumulative ASU GPA (2.00 minimum)	SOS Major courses cumulative GPA (2.50 minimum)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

A major in sustainability consists of at least 45 semester hours in sustainability-related courses, of which at least 24 semester hours must be in upper-division courses. Upperdivision courses are courses numbered at the 300 and 400 level.

Students pursuing a B.S. in Sustainability can choose from the following three tracks:

- Sustainable Energy, Materials, and Technology
- Economics of Sustainability
- Sustainable Ecosystems

Students should meet with an advisor to determine which courses to take within the track they are pursuing. The track will determine which related disciplinary courses, challenge area courses, and challenge area electives the student will take.

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