

# Bachelor of Science in Environmental Engineering

Fall 15 Hours			FRESHMAN YEAR			Spring 15 Hours			Fall 16 Hours			SOPHOMORE YEAR			Spring 16 Hours		
	MATH 125 Calculus I MA (4)	MATH 126 PH 105	MATH 125	MATH 126 Calculus II MA (4)	AEM 250 AEM 264 GES 255 MATH 227 MATH 238	MATH 126	MATH 227 Calculus III MA (4)	AEM 311	MATH 126	MATH 238 Differential Equations MA (3)							
	CH 100 or 101 Chemistry I N (4)	CH 102 CE 320	MATH 125	PH 105 Physics I w/CAL I N (4)	AEM 201	See Natural Science Notes	Approved Natural Science N (4)		CH 101	CH 102 Chemistry II N (4)							
	ENGR 103 Engineering Foundations (3)	AEM 201 ENGR 171		ENGR 171 Large Scale Graphics (1)	CE 260	ENGR 171 MATH 115	CE 260 Surveying (2)		AEM 201	CE 262 Civil & Const Engr Materials (3)	CE 340						
	CE 121* Intro to CCEE (1)			HI/SB Elective (3)		ENGR 103 MATH 125 PH 105	AEM 201 Statics (3)	AEM 250 AEM 264 AEM 311 CE 262	AEM 201 MATH 126	AEM 250 Mechanics of Materials (3)	CE 340						
	EN 101 English Comp I FC (3)	EN 102	EN 101	EN 102 English Comp II FC (3)		ENGR 103 MATH 126	GES 255 Engineering Statistics (3)	CE 420	AEM 201 MATH 126	AEM 264 Dynamics (3)	CE 378						

Approved Natural Science (N)	Advising Notes	
Choose one from this list. GEO 101, 102, 104 or 105, OR GY 101, 102, 202 or 207 Note: Natural Science Elective must be an "Earth" science.	HU/L/FA = Humanities/Literature/Fine Arts • Foreign language is recommended as HU HI/SB = History/Social and Behavioral Science • EC 110 is recommended as SB FC = Freshman Composition W = Writing	<ul style="list-style-type: none"> <li>• A grade of C- or higher is required in each course that is a prereq to any course needed to meet degree requirements.</li> <li>• Honors College participants refer to your DegreeWorks for Honors College requirements and course options.</li> <li>• A max of 12 hours of 300/400 level courses can be transferred.</li> <li>• Students are limited to a max of three attempts per course offered by the College, excluding withdrawals.</li> </ul>
Required: CH 100 or 101, AND PH 105 AND CH 102 AND BSC 114/115	MA = Mathematics C = Computer Science <b>*ENGR 111 or any engineering major intro course will meet requirements of CE 121.</b>	

KEY		
Prerequisite Course(s)	Course ### Title (Credits)	Downward Depend- encies
Corequisite Course(s)		

This is a coursework planning tool. The UA Undergraduate Catalog contains the official listing of academic information.

# Bachelor of Science in Environmental Engineering

Fall 16 Hours			JUNIOR YEAR			Spring 15 Hours			Fall 15 Hours			SENIOR YEAR			Spring 16 Hours		
AEM 201 MATH 227	AEM 311 Fluid Mechanics (3)	CE 378	AEM 250 CE 262	CE 340 Geotechnical Engineering W (4)	CE 405	CE 320	CE 422 Solid & Hazardous Waste Mgmt <b>Fall Only</b> (3)		CE 320 CE 378 GES 255	CE 420 Environmental Measurements <b>Spring Only</b> (3)							
CH 101	CE 320 Intro to Environmental Engineering (3)	CE 405 CE 420 CE 422 CE 424 CE 425	AEM 264 AEM 311	CE 378 Water Resources Engineering (3)	CE 405	CE 320	CE 424 Water & Wastewater Treatment <b>Fall Only</b> (3)	CE 405		Senior Plan of Study Elective (3)							
	BSC 114/115 Principles of Biology I N (4)		AEM 311 CE 320	CE 425 Air Quality Engineering <b>Spring Only</b> (3)	CE 405	CE 378	CE 475 Hydrology <b>Fall Only</b> (3)	CE 405		Senior Plan of Study Elective (3)							
	COM 123 HU/L/FA (3)		MATH 126	ME 216 Thermal Engr Survey or ME 215 Thermodynamics I (3)			Senior Plan of Study Elective (3)		CE 320 CE 340 CE 378 CE 424 CE 425 CE 475	CE 405 Capstone Design: Site W (4)							
	HI/SB Elective (3)			HI/SB Elective (3)			HU/L/FA Elective (3)			HU/L/FA Elective (3)							

<p><b>Senior Plan of Study Electives</b> See department guide for electives.</p>	<p><b>CE 405 Capstone Design Site: EnvE</b> Prerequisites (C- or greater) : CE 320, CE 340, and CE 378 Prerequisites with concurrency (can be taken concurrently): CE 424, CE 425, and CE 475</p>
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