

**Environmental Sciences, B.S. (120 Units)**

Valid for Catalog Years: 2014/2015 to 2017/2018

\*Official planning guide approved by the College of Science & Math

For assistance or to schedule an advising appointment, please contact the **CSM Advising and Resources Center** at 559-278-4150, Science I 136  
**Department of Earth & Environmental Sciences:**  
559-278-3086, Science II 114

	Freshman		Sophomore		Junior		Senior	
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Units	16	14-15	18	14-15	17-22	15-16	15-16	15-16
<b>Milestones</b>			EES 4 (4 Units) [Pre-Req: GE B4]					
<b>General Education</b>	A2 (3 Units) Written Communication *Must pass with a C or better	A1 (3 Units) Oral Communication *Must pass with a C or better	A3 (3 Units) Critical Thinking *Must pass with a C or better	C2 (3-4 Units) Humanities	C1 (3-4 Units) Arts	C1/C2 (3-4 Units) Arts or Humanities	IC (3-4 Units) Arts & Humanities	ID (3-4 Units) Social, Political, & Economic Institutions
					D2 (3 Units) American Government	D1 (3 Units) American History		MI (3 Units) Multicultural/International
					E1 (3 Units) Lifelong Understanding & Self Development	IB (3 Units) Physical Universe & Its Life Forms		
<b>Major</b>	GE Area B1 CHEM 1A (3 Units) Physical Sciences [Pre-Req: High school chemistry. May be taken concurrently: GE B4; CHEM 1AL] *Not open to students with credit in CHEM 1B	GE Area D3 PLSI 71 (3 Units) Social Science	GE Area B2 BIOL 1A (4 Units) Life Sciences	BIOL 1B (3 Units) [Pre-Req: BIOL 1A; first-time enrollees must take BIOL 1BL concurrently]	BIOL 101 (4 Units) [Pre-Req: BIOL 1A, 1B; PSYCH 42, MATH 101, or EES 178; MATH 70 or equivalent recommended]	EES 105 (3 Units) [Pre-Req: EES 1; EES 30 (may be taken concurrently)]	ECON 117 (3 Units) *Prerequisite waived for Environmental Sciences majors	CHEM 8 (3 Units) [Pre-Req: CHEM 1B or 3A]
	GE Area B3 CHEM 1AL (2 Units) Lab [Pre-Req: CHEM 1A (may be taken concurrently)]	CHEM 1B (3 Units) [Pre-Req: CHEM 1A & 1AL (both passed with a C or better); CHEM 1BL (may be taken concurrently)]	EES 4 (4 Units) [Pre-Req: GE B4]	BIOL 1BL (1 Unit) [Pre-Req: First-time enrollees must take BIOL 1B concurrently]	EES 108 (4 Units) [Pre-Req: BIOL 1A; CHEM 1B or CHEM 150; EES 1 or EES 4; PHYS 4B or PHYS 2B; MATH 75]	EES 109 (3 Units) [Pre-Req: BIOL 1A; CHEM 1B or 150; EES 1 or 4; PHYS 4B or 2B; MATH 75]	EES 102, 110, 113, 114, 117, or 124 (3 Units) *See course catalog for prerequisite requirements	EES 102, 110, 113, 114, 117, or 124 (3 Units) *See course catalog for prerequisite requirements

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Units	16	14-15	18	14-15	17-22	15-16	15-16	15-16
Major	<b>GE Area B4 MATH 75 (4 Units)</b> Quantitative Reasoning *See course catalog for prerequisite requirements	<b>CHEM 1BL (2 Units)</b> [Pre-Req: CHEM 1B (may be taken concurrently)]	<b>EES 12 (3 Units)</b> [Pre-Req: EES 1; CHEM 1A (may be taken concurrently)]	<b>EES 30 (3 Units)</b> [Pre-Req: EES 1, 2 (may be taken concurrently) OR instructor permission]			<b>EES 113, 117, or 124 (3 Units)</b> *See course catalog for prerequisite requirements	<b>EES 199 (3 Units)</b> [Pre-Req: EES 102, 104, 106; Senior standing]
	<b>EES 1 (4 Units)</b> [Pre-Req: MATH 4R or second-year high school algebra recommended]	<b>MATH 76, MATH 101, PSYCH 42, or EES 177 (3-4 Units)</b> *See course catalog for prerequisite requirements	<b>PHYS 2A or PHYS 4A &amp; 4AL (4 Units)</b> *See course catalog for prerequisite requirements	<b>PHYS 2B or PHYS 4B &amp; 4BL (4 Units)</b> *See course catalog for prerequisite requirements			<b>EES 186 (3 Units)</b> [Pre-Req: GEOG 107 recommended]	
Electives					<b>UDWS (0-4 Units)</b> *Upper Division Writing Exam OR "W" Course (must pass with a C or better)			

**FOOTNOTES:**

**Prerequisites/Corequisites:** Other restrictions may apply. Please see your course catalog for detailed prerequisite/corequisite requirements.

**Upper Division Writing Skills requirement (UDWS):** All undergraduate students must demonstrate competency in writing skills by passing the Upper Division Writing Exam (UDWE) or by obtaining a C or better in an approved upper division writing course, identified by the letter "W."

\*Students interested in physical aspects of Environmental Sciences should take MATH 76 or EES 177 in addition to PSYCH 42.