

**BS EnvE Degree Plan (no transfer credits applied)**

FRESHMAN	Course	Name	Credits
<b>Fall (Semester 1)</b>			
MATH/SCI	CHEM 121	GENERAL CHEMISTRY I	3
MATH/SCI	CHEM 123	GENERAL CHEMISTRY I LAB	1
MATH/SCI	MATH 101/105	SINGLE VARIABLE CALCULUS I	3
MATH/SCI	PHYS 101	MECHANICS w/ LAB	4
MATH/SCI	PHYS 103	MECHANICS <i>Discussion</i>	0
CORE	CEVE 101	FUNDAMENTALS OF CEVE	2
FWIS	FWIS	First-Year Writing-Intensive Seminar	3
<b>Total Semester Credit Hours</b>			<b>16</b>

SOPHOMORE	Course	Name	Credits
<b>Fall (Semester 3)</b>			
MATH/SCI	MATH 212	MULTIVARIABLE CALCULUS	3
MATH/SCI	STAT 310	PROBABILITY & STATISTICS	3
CORE	CEVE 211	ENGINEERING MECHANICS	3
CORE	CEVE 310	PRINCIPLES OF ENV ENGINEERING	3
DIST (D1/D2)		DISTRIBUTION ELECTIVE	3
<b>Total Semester Credit Hours</b>			<b>15</b>

JUNIOR	Course	Name	Credits
<b>Fall (Semester 5)</b>			
MATH/SCI	MATH 355	LINEAR ALGEBRA	3
CORE	CEVE 302	SUSTAINABLE DESIGN	3
OPEN ELEC		ELECTIVE	2
ENVE ELEC		TECHNICAL ELECTIVE	3
ENVE ELEC		PROFESSIONAL ELECTIVE	3
<b>Total Semester Credit Hours</b>			<b>14</b>

SENIOR	Course	Name	Credits
<b>Fall (Semester 7)</b>			
CORE	CEVE 481	INTRO TO SENIOR DESIGN	1
ENVE ELEC		TECHNICAL ELECTIVE	3
ENVE ELEC		TECHNICAL ELECTIVE	3
ENVE ELEC		PROFESSIONAL ELECTIVE	3
OPEN ELEC		ELECTIVE	3
DIST (D1/D2)		DISTRIBUTION ELECTIVE	3
<b>Total Semester Credit Hours</b>			<b>16</b>

FRESHMAN	Course	Name	Credits
<b>Spring (Semester 2)</b>			
MATH/SCI	BIOS/EEPS	ANY EEPS OR BIOS 201	3
MATH/SCI	MATH 102/106	SINGLE VARIABLE CALCULUS II	3
MATH/SCI	CAAM 210	INTRO TO ENG COMPUTATION	3
MATH/SCI	PHYS 102	ELECTRICITY&MAGNETISM W/LAB	4
MATH/SCI	PHYS 104	ELECTRICITY&MAGNETISM <i>Discussion</i>	0
DIST (D1/D2)		DISTRIBUTION ELECTIVE	3
<b>Total Semester Credit Hours</b>			<b>16</b>

SOPHOMORE	Course	Name	Credits
<b>Spring (Semester 4)</b>			
MATH/SCI	MATH 211	ORD DIFFERENTIAL EQUATIONS	3
CORE	CEVE 363	APPLIED FLUID MECHANICS	3
CORE	CEVE 307	ENERGY AND THE ENVIRONMENT	3
OPEN ELEC		ELECTIVE	3
DIST (D1/D2)		DISTRIBUTION ELECTIVE	3
LPAP	LPAP	LIFETIME PHYSICAL ACTIVITY PROGRAM	1
<b>Total Semester Credit Hours</b>			<b>16</b>

JUNIOR	Course	Name	Credits
<b>Spring (Semester 6)</b>			
CORE	CEVE 315	URBAN WATER SYSTEMS	3
CORE	CEVE 316	URBAN WATER SYSTEMS LAB	1
CORE	CEVE 412	HYDROLOGY & WATER RESOURCES ENG	3
ENVE ELEC		TECHNICAL ELECTIVE	3
ENVE ELEC		PROFESSIONAL ELECTIVE	3
DIST (D1/D2)		DISTRIBUTION ELECTIVE	3
<b>Total Semester Credit Hours</b>			<b>16</b>

SENIOR	Course	Name	Credits
<b>Spring (Semester 8)</b>			
CORE	CEVE 482	SENIOR DESIGN	3
ENVE ELEC		PROFESSIONAL ELECTIVE	3
ENVE ELEC		PROFESSIONAL ELECTIVE	3
OPEN ELEC		ELECTIVE	3
DIST (D1/D2)		DISTRIBUTION ELECTIVE	3
<b>Total Semester Credit Hours</b>			<b>15</b>

REQUIREMENT	CREDIT COUNT		
CORE	28		
Env. Eng. Electives	27		
MATH/SCI	36	D3 (Math/Sci Req)	9
DIST (D1/D2)	18		
LPAP	1		
FWIS	3		15
OPEN ELEC	11		
<b>UG CREDITS</b>		<b>124</b>	