

**CEE Typical Plan for a Structures Focus**

Sem 1	Course	Name	Cred.
Gen.	MATH 101	Single Variable Calc. I	3
Gen.	PHYS 101	Mechanics with Lab	3
Gen.	CHEM 121	General Chemistry I	3
Gen.	CHEM 123	Chemistry Lab	1
Core	CEVE 101	Fundamentals of CEE	3
D1	Dist	Could be writing seminar	3
<b>Total</b>			<b>16</b>

Sem 2	Course	Name	Cred.
Gen.	MATH 102	Single Variable Calc. II	3
Gen.	PHYS 102	Elec. and Mag. with Lab	4
Gen.	CHEM 122	General Chemistry II	3
Gen.	CHEM 124	Chemistry Lab	1
Gen.	CAAM 210	Intro. to Eng. Comp.	3
D1	Dist	-	3
<b>Total</b>			<b>17</b>

Sem 3	Course	Name	Cred.
Core	CEVE 211	Engineering Mechanics	3
Core	CEVE 310	Principles of Env. Eng.	3
Gen.	ESCI 321	Earth System Evol.	3
Gen.	MATH 211	Ord. Differential Eqns.	3
El./D2	ECON 201	Microeconomics I	3
Elect.		Open Elect.	3
<b>Total</b>			<b>18</b>

Sem 4	Course	Name	Cred.
Core	CEVE 311	Mech. of Solids and Stuct	3
Core	CEVE 312	Strength of Mat. Lab	1
F3	CEVE 304	Structural Analysis I	3
Gen.	MATH 212	Multivariable Calculus	3
F1	CEVE 307	Energy and the Enviro.	3
D2	-	Distribution Elective	3
<b>Total</b>			<b>16</b>

Sem 5	Course	Name	Cred.
Core	CEVE 363	Fluid Mechanics	3
Gen.	CAAM 335	Matrix Analysis	3
Gen.	STAT 312	Probability and Stats	3
F1	CEVE 302	Sustainable Design	3
D1	-	Distribution Elective	3
<b>Total</b>			<b>15</b>

Sem 6	Course	Name	Cred.
F4	CEVE 322	Eng. Economics	3
F4	CEVE 452	Urban Trans. Systems	3
F3	CEVE 400	Advanced Mech. of Mat.	3
F2	CEVE 412	Hydro. and Watersheds	3
D1	-	Distribution Elective	3
Elect	Open Elect	-	3
<b>Total</b>			<b>18</b>

Sem 7	Course	Name	Cred.
Core	CEVE 481	Intro. to Senior Design	3
Core	CEVE 401	Enviro. Chem. with Lab	4
F3	CEVE 407	Reinforced Concrete	3
F3	CEVE 408	Stuctures Lab	1
Elect.	CEVE 320	Ethics and Eng. Leader.	3
D2	-	Distribution Elective	3
<b>Total</b>			<b>17</b>

Sem 8	Course	Name	Cred.
Core	CEVE 480	Senior Design	3
F2	CEVE 512	Hydro. and Watersheds	3
F3	CEVE 405	Steel Design	3
Elect.	MECH 412	Vibrations	3
D2	-	Distribution Elective	3
LPAP	-	-	1
<b>Total</b>			<b>16</b>

This plan assumes no AP or transfer credit. Check your transcript on Esther to see if you have credit.

<b>Total</b>	<b>133</b>
--------------	------------