

**Civil Engineering: Soil and Water Resource Engineering Concentration Schedule
Standard Schedule of Coursework**

Fall Semester

Freshman Year

Courses		Credits
CIVE 102	Intro: CE/EV Engineering	3
MATH 160	Calc for Phy Sci I	4
CHEM 111	Gen. Chem. I	4
CHEM 112	Gen. Chem Lab I	1
Arts/Hum (3B)		3

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Sophomore Year

Courses		Credits
CIVE 202	Num Model & Risk	3
CIVE 260	Engr Mech: Statics	3
MATH 261	Calc for Phy Sci III	4
PH 141	Phys for Sci/Eng I	5
Arts/Hum (3B)		3

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Junior Year

Courses		Credits
CIVE 302	Eval CE Materials	3
CIVE 300	Fluid Mechanics	4
CIVE 367	Structural Analysis	3
MATH 340	Intro to Ord Diff Eq	4
	Adv Writing	3

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Senior Year

Courses		Credits
CIVE 402	Senior Design Principles	3
CIVE 440	Nonpt SourCIVE Pollution	3
SOCR 240	Intro to Soil ScienCIVE	4
Engr Technical Elective		3
Hist Persp (3D)		3

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Spring Semester

Courses Credits

CIVE 103	Eng Graphics & Comp	3
MATH 161	Calc for Phy Sci II	4
CHEM 113	Gen. Chem II	3
Soc/Behv Sci (3C)		3
COMP 150	College Comp	3

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Courses Credits

CIVE 203	Eng Systms & Dec Anl	3
CIVE 261	Engr Mech: Dynamics	3
CIVE 360	Mechanics of Solids	3
MECH 237	Intro to Thermal Sci	3
PH 142	Phys for Sci/Eng II	5

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Courses Credits

CIVE 303	Infras & Transpo Syst	3
CIVE 322	Basic Hydrology	3
CIVE 450	Intro to Geotech Engr	4
ECE 204	Intro to Elec Engr	3
Global/Cult (3E)		3

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Courses Credits

CIVE 403	Senior Project Design	3
CIVE 401	Hydraulic Engineering	3
CIVE 425	Soil & Water Engr	3
SOCR 420	Crop & Soil Mgmt	3
Engr. Technical Elective		3

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Degree Total 130 credits