

**ENVIRONMENTAL ENGINEERING (ENVE)  
S-STEM MS-ACCEND and GSPT Changes Indicated**

<b>Fall 2014</b> CHEM 1040 Gen Chemistry I 4 CHEM 1040L Gen Chem Lab I 1 ENED 1020 Engrg Foundations 2 ENED 1090 Engineering Models I 2 ENGL 1001 English Composition 3 MATH 1061 Calculus I 4 Total SH 16	<b>Spring 2015</b> CHEM 1041 Gen Chemistry II 4 CHEM 1041L Gen Chem Lab II 1 ENED 1030 Statics & BSOM 3 ENED 1091 Engineering Models II 2 MATH 1062 Calculus II 4 PD 1011 COOP for CEAS 1 Total SH 15	<b>Summer 2015</b> OFF
<b>Fall 2015</b> BME 2010 Research Methods 3 BIOL 1081 Biology 1 3 BIOL 1081L Biology I Lab 1 CHE 2064 Matl & Energy Bal 4 ENFD 2000C Grd Challen in Engr 2 ENVE 2093C Engr Apps of Diff Eqns 2 MATH 2074 Dynamical Systems 3 COOP 2011 Practice Evaluation Total SH 18	<b>Spring 2016</b> Cooperative Education Work Semester	<b>Summer 2016</b> CHEM 2040 Organic Chem I 4 CHEM 2040L Organic Chem Lab I 1 ENGL 4092 Technical Writing 3 ENVE 4010 Water & Waste 3 ENVE 4010L Envir & Radiolog 2 ENVE 4051 Stats & Reliability 3 COOP 2012 Practice Eval # Total SH 16
<b>Fall 2016</b> Cooperative Education Work Semester	<b>Spring 2017</b> ENFD 3020 Undergrad Res I 2 CVE 3002C Soil Mech & Lab 4 CHE 3022 Transport I 4 ENVE 3040 C&E System Anal 3 ENVE 4011 Air Pollution Cont 3 COOP 3011 Practice Eval # Total SH 16	<b>Summer 2017</b> Cooperative Education Work Semester
<b>Fall 2017</b> CHE 4071 Proc Dynam & Cntl 3 ECON 1001 Economics (BOK) 3 ENVE 4093 Hydraulic Systems 3 ENVE 4093L Flu Mech & Hyd Sy 2 GEOG 6071C Geog Informa Syst 3 PD 4001 Prof. Development 1 ENFD 4020 Undergrad Res II 1 COOP 4011 Practice Eval # Total SH 16	<b>Spring 2018</b> Cooperative Education Work Semester	<b>Summer 2018</b> ENFD 5030 Prep Grad Research 1-12 OR ENFD 5020 Undergrad Res III 1-12 Other Coursework 0-11 Total SH 12
<b>Fall 2018</b> BOK 3 BOK 3 ENVE 5001 Capstone Design I 2 ENVE 5003 Capstone Seminar 1 ENVE 6014 Sol & Haz Waste 3 GEOG 6009 Environ Geochem 3 COOP 4012 Practice Eval # Total SH 15	<b>Spring 2019</b> BoK 3 ENVE ELEC 3 ENVE ELEC 3 ENVE 5002 Capstone Design II 2 ENVE 5004 Capstone Seminar 1 ENVE 6058C Environ Instrumentn 3 Total SH 15	

BOK = Breadth of Knowledge -- General Education Requirements

UC's College of Engineering and Applied Science BOK requirements are as follows:

Take one course from any two of the following

- FA Fine Arts
- HP Historical Perspectives
- HU Humanities
- SS Social Sciences

AND Take one course from each of the following

- DC Diversity and Culture
- SE Social and Ethical Issues