

OCCC Engineering - Transfer to **OU Environmental Engineering**

Associate in Science

3/21/2016

Year	FIRST SEMESTER	HRS	SECOND SEMESTER	HRS
FRESHMAN	OCCC		OCCC	
	MATH 2104, Calculus and Analytic Geometry I	4	MATH 2214, Calculus and Analytic Geometry II	4
	CHEM 1115, General Chemistry I	5	PHYS 2014, Engineering Physics I	4
	ENGL 1113, English Composition I	3	ENGL 1213, English Composition II	3
	SCL 1001, Success in College and Life	1	CHEM 1215, General Chem II	5
	ENGR 1113, Introduction to Engineering	3		
TOTAL CREDIT HOURS		16	TOTAL CREDIT HOURS	16
SUMMER	OCCC SUMMER/INTERSESSION/ONLINE			
	PSY 1113, <i>Intro to Psychology (OR)</i>	3		
	SOC 1113, <i>Intro to Sociology</i> <i>Applies to Social Sciences at OU</i>			
	ENGR 2243, <i>Statics</i>	3		
TOTAL CREDIT HOURS		6		
SOPHOMORE	OCCC		OCCC	
	MATH 2314, Calculus and Analytic Geometry III	4	MATH 2413, <i>Ordinary Differential Equations</i>	3
	PHYS 2114, Engineering Physics II	4	POLSC 1113, American Federal Government	3
	ENGR 2143, <i>Strength of Materials</i>	3	OU (Concurrent Enrollment)	
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	CEES 2313, <i>Water Quality Fundamentals</i>	3	CEES 2323, <i>Environmental Transport and Fate Process</i>	3
	CEES 1213, <i>Computing Applications in CEES</i>	3	CEES 2223, <i>Fluid Mechanics</i>	3
	ENGR 3410, <i>Transfer Students</i>	0	HUM 1113, <i>Music Appreciation (OR)</i>	3
			ART 1053, <i>Art Appreciation (OR)</i>	
			HUM 2243, <i>Film Studies</i>	
TOTAL CREDIT HOURS		17	TOTAL CREDIT HOURS	15
SUMMER	OCCC SUMMER/INTERSESSION/ONLINE			
	GEOG 2603, <i>World Regional Geography (OR)</i>	3		
	HUM 2143, <i>Mythology</i> <i>Applies to Western Civilization Humanity at OU</i>			
	HIST U.S. History Elective	3		
TOTAL CREDIT HOURS		6		
JUNIOR	OU (Need Prerequisites to Enroll)		OU	
	CEES 3213, <i>Water Resources Engineering</i>	3	§Professional or Science Elective	
	CHEM 3053, <i>Organic Chemistry</i>	3	*CEES 1000, <i>CEES Seminar</i>	
	CHEM 3423, <i>Physical Chemistry I</i>	3	CEES 3243, <i>Water & Wastewater Treatment Design</i>	
	ENGL 3153, <i>Technical Writing</i>	3	CEES 3334, <i>Measurements in CEES</i>	
	*CEES 1000, <i>CEES Seminar</i>	0	ANTH 4623, <i>Approaches to Cross-Cultural Human</i>	
	CEES 3364, <i>Soil Mechanics</i>	4	Problems or approved substitute <i>Non-Western Culture (Core IV)</i>	
TOTAL CREDIT HOURS		16	TOTAL CREDIT HOURS	13
SENIOR	OU		OU	
	*CEES 1000, <i>CEES Seminar</i>	0	§Professional Elective	
	CEES 4114, <i>Aquatic Chemistry</i>	4	*CEES 1000, <i>CEES Seminar</i>	
	CEES 4234, <i>Applied Environmental Microbiology</i>	4	CEES 4923, <i>Environmental Engineering Capstone</i>	
	CEES 4263, <i>Hazardous and Solid Waste Management</i>	3	(Capstone)	
	CEES 4813, <i>Environmental Science & Environmental Engineering Professional Practice</i>	3	§§Professional Elective	
TOTAL CREDIT HOURS		14	TOTAL CREDIT HOURS	9

Engineering Courses needed for Associate's Degree.

CEES 2223 Fluid Mechanics does not require Thermo at OU.

CEES 1213 includes AutoCad, Java & Spreadsheets.

OCCC Total Hours: 61

Take CAT 1214 at OCCC if behind in Math for OU CEES 1213.

OU Total Hours: 64

*Students must complete a minimum of four semesters of CEES 1000.

§Chosen from list of professional electives with approval of the faculty adviser. List & elective form are available in CEES Undergraduate Handbook.

§§Transfer students substitute CEES 1112 with a CEES professional elective during Junior or Senior year (third professional elective).