

**Counseling Services
College of the Siskiyous**

OIT / COS Lower Division Major Requirements Guide

DRAFT

Environmental Sciences

04/27/10

Oregon Institute of Technology		College of the Siskiyous	
BIO 111	Introduction To Environmental Sciences	(BIO 14A)	Introduction to Environmental Science
BIO 112	Introduction To Data Analysis	OIT	
BIO 211+212+213	Principles Of Biology Sequence	(BIO 1A+ 1B)	Biology, Zoology, Botany Sequence
BIO 225	Riparian Assessment Methods	OIT	
BIO 261	Sophomore Project Proposal	OIT	
BIO 262	Sophomore Biology	OIT	
CHE 221	General Chemistry	(CHEM 1A)	General Chemistry
CHE 222	General Chemistry	(CHEM 1A+1B)	General Chemistry I + II
CHE 223	General Chemistry	(CHEM 1B)	General Chemistry II
CHE 231	Stream Water Chemistry	OIT	
CHE 232	Stream Water Sampling	OIT	
CST 116 or MIS 115	C ++ PROGRAMMING I or VISUAL BASIC PROGRAMMING	(CSCI 7 or CSCI 4)	Programming I or Visual Basic Programming
ECO 201N	Principles Of Economics, Microeconomics	(ECON 1B)	Microeconomics
ENV 112	Environmental Social Science	OIT	
GEOG 105	Physical Geography: Geomorphology	(GEOG 1)	Physical Geography
GIS 103	Introduction To GIS	OIT	
GIS 104	Arcview GIS	OIT	
GIS 105	Map And Compass/Gps	OIT	
GIS 106 or ENV 216	Geospatial Raster Analysis or Introduction To Systems Modeling	OIT or OIT	OIT or OIT
GIS 205	GIS Data Integration	OIT	
GME 134	Geographic Info Systems	OIT	
MATH 111	College Algebra	(MATH 10)	College Algebra
MATH 112	Trigonometry	MATH 4	Pre Calculus
MATH 251	Differential Calculus	(MATH 5A)	Calculus and Analytic Geometry I
MATH 252	Integral Calculus	(MATH 5B)	Calculus and Analytic Geometry II
PHY 222	General Physics w/Calculus	PHYS 4A	Mechanical Physics, Oscillations, and Waves
PHY 223	General Physics w/Calculus	PHYS 4B	Electrical Physics, Light
SPE 111	Fundamentals Of Speech	SPCH 1	Public Speaking
SPE 321	Group Communication	SPCH 2	Group Communication
Various	Humanities Elective (9qtr)	Various	IGETC Area 3 (6 sem)
Various	Social Science Electives (9qtr)	Various	IGETC Area 4 (6 sem)
WRI 121	English Composition	ENGL 1A	College Composition
WRI 122	English Composition	ENGL 1C	College Composition- Critical Thinking

OIT = Take at COS
qu = quarter units (qu x .667 = semester units)

() = this articulation has been proposed to OIT
su = semester units (su x 1.5 = quarter units)