

# ENVIRONMENTAL SCIENCE – CHECK SHEET

## PREREQUISITES

## COMPLETED?

### UNIVERSITY REQUIREMENTS (27)

A. ENGL 101 (Composition) and 302 (Advanced Composition)	(ENG 302: 60 hrs & 6 hrs of Lit.) <input type="checkbox"/>	<input type="checkbox"/>
B. COMM 100 (Public speaking) or 101 (Interpersonal & group interaction ) or 104 (Forensics seminar in creative arts) (3)		<input type="checkbox"/>
C. Information Technology (3)		<input type="checkbox"/>
D. Quantitative Reasoning (satisfied by completion of major requirements)		<input type="checkbox"/>
E. Literature (3)		<input type="checkbox"/>
F. Fine Arts (3)		<input type="checkbox"/>
G. U.S. History (3)		<input type="checkbox"/>
H. Western Civilization (3)		<input type="checkbox"/>
I. Social & Behavioral Science (3)		<input type="checkbox"/>
J. Global Understanding (3)		<input type="checkbox"/>
K. Natural Science Sequence (satisfied by completion of major requirements)		<input type="checkbox"/>
L. Synthesis (satisfied by completion of major requirements)		<input type="checkbox"/>
<input type="checkbox"/>		

### CORE SCIENCE REQUIREMENTS (40)

A. CHEM 211 (General chemistry 1)		
CHEM 212 (General chemistry 2)	CHEM 211 (General chemistry 1) <input type="checkbox"/>	<input type="checkbox"/>
B. GEOG 309 (Intro to Meteorology & Climate)	GEOG 102 (Physical geography)* <input type="checkbox"/>	<input type="checkbox"/>
C. GEOL 101(Introductory geology 1), offered every fall & summer		<input type="checkbox"/>
D. BIOL/GEOL 309 (Oceanography), offered every fall	GEOG 101 (Introductory geology 1) <input type="checkbox"/> & BIOL 103 (Intro. bio 1) or BIOL 213 (Cell structure & function) <input type="checkbox"/>	<input type="checkbox"/>
E. GEOL 406 (3), capstone seminar & possible synthesis	90 credits <input type="checkbox"/>	<input type="checkbox"/>
F. MATH 113 (Analytical geometry and calculus 1)		
MATH 114 (Analytical geometry and calculus 2)	MATH 113 (Anal. Geometry & calc. 1) <input type="checkbox"/>	<input type="checkbox"/>
G. PHYS 243 (College physics) and PHYS 244 (Lab)		<input type="checkbox"/>
PHYS 245 College physics 2) and PHYS 246 (Lab) or	PHYS 243 (College physics) and PHYS 244 (Lab) <input type="checkbox"/>	<input type="checkbox"/>
PHYS 160 (University physics 1)	MATH 114 (Analytical geometry and calculus 2) <input type="checkbox"/>	<input type="checkbox"/>
PHYS 260 (University physics 2) and PHYS 261 (lab)	PHYS 160 (University physics 1) <input type="checkbox"/> MATH 113 (Analytical geometry and calculus 1) <input type="checkbox"/>	<input type="checkbox"/>
H. STAT 250 (Introductory statistics)		<input type="checkbox"/>

\*Or permission of instructor

## ENVIRONMENTAL SCIENCE (34-35)

1. EVPP 110 (Ecosphere 1)		<input type="checkbox"/>	<input type="checkbox"/>
EVPP 111 (Ecosphere 2)	EVPP 100 (Ecosphere 1)	<input type="checkbox"/>	<input type="checkbox"/>
2. BIOL 307 (Ecology)	BIOL 303 (Animal Bio)	<input type="checkbox"/> *	
	& BIOL 304 (Bio of Micro.)	<input type="checkbox"/> *	<input type="checkbox"/>
3. EVPP 377 (Applied ecology)	60 credits	<input type="checkbox"/> *	<input type="checkbox"/>
4. EVPP 336 (Human dimensions of the environment)	EVPP 110 (Ecosphere 1)	<input type="checkbox"/>	
or GEOL 101 (Intro. geol 1) <input type="checkbox"/>	or SOCI 101 (Intro. Sociol.) <input type="checkbox"/>	or ANTH 114 (Intro. Cultural Anth.) <input type="checkbox"/>	<input type="checkbox"/>
5. GEOL 303 (Field mapping techniques) - summers only	30 credits & MATH 105 (Anal. Geometry & Calc. hons)	<input type="checkbox"/>	
	& GEOL 101 (Intro Geol. 1) or GEOG 102 (Physical geography)	<input type="checkbox"/>	<input type="checkbox"/>
6. GEOL 305 (Environmental geology)	GEOL 101 (Intro Geol. 1)	<input type="checkbox"/>	
	& GEOL 102 (Intro. geol 2) <input type="checkbox"/>	or GEOI/BIO 309 (Oceanography) <input type="checkbox"/>	or GEOG 309 (Meterology) <input type="checkbox"/>
7. GEOL 306 (Soil science)	GEOL 101 (Intro Geol. 1)	<input type="checkbox"/>	
	& CHEM 103 (Chem Sci in Modern Soc) <input type="checkbox"/>	or CHEM 211 (General cehmistry) <input type="checkbox"/>	<input type="checkbox"/>
<b>Two of the following:</b>			
1. BIOL 345 (Plant communities)	BIOL 304 (Plant biol.; Needs BIOL 213 (Cell Structure & funct.))	<input type="checkbox"/> *	<input type="checkbox"/>
2. BIOL 449 (Marine ecology)	BIOL 307 (Ecology.; Needs BIOL 303 (Animal bio)) & BIOL 304(Plant biol.) both need BIO 213 (Cell struct & funct)) <input type="checkbox"/> *		
	<input type="checkbox"/>		
3. EVPP 350 (freshwater ecosystems)	CHEM 211/212 (General chemistry 1 & 2)	<input type="checkbox"/>	
	& EVPP 110/111 (Ecosphere 1 & 2) <input type="checkbox"/>	or BIOL 307 (Ecology (see above for prerequisites)) <input type="checkbox"/>	<input type="checkbox"/>
4. EVPP 363 (Coastal geology & processes)	BIOL/GEOL 309 (Oceanography)	<input type="checkbox"/>	
	or GEOL 317 (Geomorphology; needs GEOL 101/102 (Intro Geol 1 & 2))	<input type="checkbox"/>	
	or 9 credit hours in geography including GEOG 309 (Meteorology)	<input type="checkbox"/>	<input type="checkbox"/>

**NOTE: May need additional electives to reach 120 hours total and 45 hours of upper division courses (300 & above)**