

NAME \_\_\_\_\_

DATE ENTERED \_\_\_\_\_

<b>BS EARTH AND ENVIRONMENTAL SCIENCES - EARTH SCIENCES OPTION</b>				
<b>GENERAL EDUCATION REQUIREMENTS</b>			<b>40 credit hours</b>	
Course	Qtr/Yr	Grade	Cr Hrs	Remarks
<b>Area I Communication and Mathematical Skills</b>			<b>8 credit hours</b>	
ENG 101			4	
ENG 102			4	
MTH 229 & 230 are required substitutions for MTH 145-4 and are listed with <i>Additional Requirements</i>				
<b>Area II Cultural-Social Foundations</b>			<b>8 credit hours</b>	
choose one course from each category (circle choice)				
<u>History</u> CLS 150, HST 101, HST 102, HST 103			4	
<u>Non-Western World</u> CST, RST, CSE 250, HLT-202, RSE 260, URS 200			4	
<b>Area III Human Behavior</b>			<b>8 credit hours</b>	
choose two courses from different categories (circle choice)				
EC 200 or EC 290				
PLS 200				
PSY 105				
SOC 200				
WMS 200 or UH 202				
<b>Area IV Human Expression</b>			<b>4 credit hours</b>	
choose one from either category (circle choice)				
<u>Great Books</u> CLS 204, ENG 204, PHL 204, REL 204				
<u>Fine and Performing Arts</u> ART 214, MUS 214, MUS 290, TH 214				
<b>Additional Courses from Areas II, III, and IV</b>			<b>8 credit hours</b>	
choose two courses from different Areas; for Areas III and IV choose from the categories not chosen above				
			4	
			4	
<b>Area V Natural Sciences</b>				
EES 251-256 are required substitutions; these are included with <i>Departmental Requirements</i>				
<b>Area VI College Component</b>			<b>4 credit hours</b>	
choose one (circle choice)				
EH 205, SM 205			4	
<b>Writing Intensive Credits</b>				
WI credit from three courses listed on this page, excluding EES 251-256 (write in course and quarter/year)				
1)	2)	3)		

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## ADDITIONAL REQUIREMENTS

**75 credit hours**

Course	Qtr/Yr	Grade	Cr Hrs	Remarks
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### Supporting Requirements

**53-54 credit hours**

MTH 229	Calculus I		5	
MTH 230	Calculus II		5	
CHM 121	Submicroscopic Chemistry		5	
CHM 122	Macroscopic Chemistry		5	
CHM 123	Reaction Dynamics		5	
PHY 240	General Physics I		4	
PHY 200	General Physics Lab I		1	
PHY 242	General Physics II		4	
PHY 202	General Physics Lab II		1	
PHY 244	General Physics III		5	
PHY 204	General Physics Lab III		1	
<b>Plus Either</b> (circle choice)			4	
STT 264	Elementary Statistics I			
STT 360	Applied Statistics I			
<b>Plus One Of The Following</b> (circle choice)			4	
EGR 153	FORTTRAN			
CEG 220	"C" Programming for Engineers			prereq MTH 229
CS 141	Computer Programming			
CS 214	Object-Based Programming			
<b>Plus One Of The Following</b> (circle choice)				
MTH 231-5	Calculus III			
STT 265-4	Elementary Statistics II			
STT 361-4	Applied Statistics II			

### Supporting Electives

**11-12 credit hours**

These are courses from the colleges of *Engineering & Computer Science* and *Science & Mathematics* (excluding PSY) that are not preparation or prerequisites for required courses and are not primarily designed for General Education. Up to 4 credit hours of EES courses may be used to satisfy this requirement. Up to 8 credit hours from the following courses may be used as supporting electives: ATH 242, 351; GEO 361, 362, 365, 430, 432, 447, 463; PHY 106/116. If MTH 231 is chosen then Supporting Electives must total 16 credit hours; otherwise must total 17.


### Unrestricted Electives

**10 credit hours**


**TOTAL**

**189 credit hours**