

# BEACH

EDGE  
GEOLOGY

## Recommended Roadmap 2024-2025

Semester	Status	Required Courses (# of units)	Elective Courses (# of units)	GE Courses	Total B.S. Units	Total Major Units	Total M.S. Units
<b>1st Year: Fall</b>	Lower-division courses only	<ul style="list-style-type: none"> <li>• EARTH 102 (3) GE 5A</li> <li>• EARTH 104 (1) GE 5C</li> </ul>	N/A	<ul style="list-style-type: none"> <li>• GE Area 1 (3)</li> <li>• GE Area 4 (3)</li> <li>• GE Area 3 (3)</li> </ul>	13	4	0
<b>1st Year: Spring</b>	Lower-division courses only	<ul style="list-style-type: none"> <li>• MATH 122 (4) GE 2</li> <li>• CHEM 111A (5)</li> </ul>	N/A	GE Area 1 (3)	12	9	0
<b>2nd Year: Fall</b>	Lower-division courses only	<ul style="list-style-type: none"> <li>• EARTH 240 (4)</li> <li>• MATH 123 (4)</li> </ul>	N/A	<ul style="list-style-type: none"> <li>• GE Area 5B (3)</li> <li>• GE Area 3 (3)</li> </ul>	14	8	0
<b>2nd Year: Spring</b>	Lower-division courses only	<ul style="list-style-type: none"> <li>• PHYS 151 (4)</li> <li>• CHEM 111B (5)</li> </ul>	N/A	GE Area 1 (3)	12	9	0
<b>3rd year: Fall</b>	Completed Major Specific requirements with a "C" or better and minimum 2.5 GPA; Upper-division status	<ul style="list-style-type: none"> <li>• EARTH 322 (3)</li> <li>• EARTH 250 (3)</li> </ul>	<b>At least one 300/400 elective:</b> <ul style="list-style-type: none"> <li>• EARTH 339 (3)</li> <li>• EARTH 326 (2)</li> <li>• EARTH 300 (3) GE 5-UD</li> <li>• EARTH 303 (3) GE 5-UD</li> <li>• EARTH 462 (3)</li> </ul>	<ul style="list-style-type: none"> <li>• GE Area 4 (3)</li> <li>• GE Area 6 (3)</li> </ul>	15	9	0
<b>3rd Year: Spring</b>	Beach EDGE Program eligible	<ul style="list-style-type: none"> <li>• EARTH 428 (3)</li> <li>• EARTH 433 (4)</li> <li>• PHYS 152 (4)</li> </ul>	EARTH 496 (1) <b>and at least one of the following:</b> <ul style="list-style-type: none"> <li>• EARTH 301 (1)</li> <li>• EARTH 426 (1)</li> </ul>		13	13	1
<b>4th Year: Fall</b>	Beach EDGE Program eligible	<ul style="list-style-type: none"> <li>• EARTH 420 (3)</li> <li>• EARTH 443 (4)</li> </ul> <b>and at least one of the following:</b> <ul style="list-style-type: none"> <li>• EARTH 461 (3)</li> <li>• EARTH 474 (3)</li> </ul>	ERTH 496 (2)	GE Upper Division (Area 3 or 4)	15	12	2

Semester	Status	Required Courses (# of units)	Elective Courses (# of units)	GE Courses	Total B.S. Units	Total Major Units	Total M.S. Units
<b>4th Year: Spring</b>	Beach EDGE Program eligible	<ul style="list-style-type: none"> <li>• EARTH 350 (2)</li> <li>• EARTH 460 (3)</li> </ul>	<b>Two 500/600-level electives:</b> <ul style="list-style-type: none"> <li>• EARTH 510 (3)</li> <li>• EARTH 537 (3)</li> <li>• EARTH 554 (3)</li> <li>• EARTH 570 (3)</li> <li>• EARTH 577 (4)</li> </ul>	GE Upper Division (Area 3 or 4)	14	11	6
<b>4th Year: Summer</b>	Beach EDGE Program eligible	ERTH 450 (4)			4	4	0
<b>5th Year: Fall</b>	M.S./Beach EDGE Program	<ul style="list-style-type: none"> <li>• EARTH 500 (2)</li> <li>• EARTH 695 (4)</li> <li>• EARTH 697 (3)</li> </ul>	<b>One 500/600-level elective:</b> <ul style="list-style-type: none"> <li>• EARTH 510 (3)</li> <li>• EARTH 524 (3)</li> <li>• EARTH 530 (3)</li> <li>• EARTH 531 (3)</li> <li>• EARTH 555 (3)</li> <li>• EARTH 570 (3)</li> </ul>		0	12	12
<b>5th Year: Spring</b>	M.S./Beach EDGE Program	ERTH 698 (6)	<b>One 500/600-level elective:</b> <ul style="list-style-type: none"> <li>• EARTH 510 (3)</li> <li>• EARTH 554 (3)</li> <li>• EARTH 570 (3)</li> <li>• EARTH 575 (3)</li> </ul>		0	9	9

Please see [Geology B.S. + Geology M.S.: Geology EDGE Program](#) for more information.