

**MSCI FRESHMAN-SOPHOMORE PATHWAY**

<b>FALL FRESHMAN</b>	<b>Units</b>	<b>REQ</b>
FYS - any that meet E or A1	3	A1 or E
MATH 130: PreCalculus	5	B4
MSCI 185: Adventures in Marine Science	1	elective
GE area A1 or E	3	A1 or E
Language other than English- any certified course	3	C2, WCL
<b>Semester totals</b>	<b>15</b>	

<b>SPRING FRESHMAN</b>	<b>Units</b>	<b>REQ</b>
GE area A2	3	A2
MATH 150 Calculus I	4	B4, major
CHEM 110 General Chemistry I	4	B1, major
CHEM 110L General Chemistry I Lab	1	B3, major
Any C1 GE course	3	C1
<b>Semester totals</b>	<b>15</b>	

30

<b>FALL SOPHOMORE</b>	<b>Units</b>	<b>REQ</b>
GE area A3	3	A3
CHEM 111 General Chemistry II	4	major core
CHEM 111L General Chemistry II Lab	1	major core
BIO 210 Cell & Molecular Bio & Animal Physiology	4	B2, major core
BIO 210L Cell & Molec Bio & Animal Physiol Lab	1	B3, major core
US History	3	D US History
<b>Semester totals</b>	<b>16</b>	

<b>SPRING SOPHOMORE</b>	<b>Units</b>	<b>REQ</b>
MSCI 270 Intro to Oceanography	3	major core
PHYS 150 Physics for Biologists with lab or PHYS 220 Physics 1 with lab	4	major core
BIO 211 Ecology, Evolution, Biodiversity, & plants	4	major core
BIO 211L EEB Lab	1	major core
GE area "Civics/SL"	3	D Civics SL
<b>Semester totals</b>	<b>15</b>	

31

**JUNIOR-SENIOR PATHWAY FOR STUDENTS 400-LEVEL CAPSTONE COURSE in FALL of SENIOR YEAR**

<b>FALL JUNIOR</b>	<b>Units</b>	<b>Req</b>
STAT 250 Applied Stat for Sci & Tech	4	major core
MSCI 345 Marine Biodiversity & Function	3	UD B, major
MSCI 370 Biological-Physical Oceanog	4	major core
any C2 GE course (WCL if needed)	3	C2,WCL
MSCI 195 if not taken as freshman		optional
<b>Semester totals</b>	<b>14</b>	

<b>SPRING JUNIOR</b>	<b>Units</b>	<b>Req</b>
MSCI 340 Marine Ecology	5	GWAR, major cor
ENSTU 280 Intro Enviro Econ	3	GE D1, major cor
MSCI 350 Quantitative Marine Sci	4	major core
MSCI Elec 1 (capstone prereq if needed)	4	MSCI elec 1
<b>Semester totals</b>	<b>16</b>	

30

<b>FALL SENIOR</b>	<b>Units</b>	<b>Req</b>
ENVS 332 Intro to GIS/GPS	4	major core
MSCI 359S or other UDSL for major	3	major core, UDSL
MSCI 400-level capstone project course	4	Capstone
MSCI 410 MSCI Group Capstone	1	Capstone
Upper-division D	3	UD D
<b>Semester totals</b>	<b>15</b>	

<b>SPRING SENIOR</b>	<b>Units</b>	<b>Req</b>
MSCI Elective 2	4	MSCI elec 2
MSCI Elective 3	4	MSCI elec 3
Upper-division area C course (with ES)	3	UD C (ES)
Free electives to reach 120 units or missing UR	3	
<b>Semester totals</b>	<b>14</b>	

29

**JUNIOR-SENIOR PATHWAY FOR STUDENTS TAKING 400-LEVEL CAPSTONE COURSE IN SPRING SENIOR YEAR**

<b>FALL JUNIOR</b>	<b>Units</b>	<b>Req</b>
STAT 250 Applied Stat for Sci & Tech	4	major core
ENSTU 280 Intro Enviro Econ	3	GE D1, major core
MSCI 345 Marine Biodiversity & Function	4	UD B, major
any C2 GE course (WCL if needed)	3	C2,WCL
MSCI 195 if not taken as freshman		optional
<b>Semester totals</b>	<b>14</b>	

<b>SPRING JUNIOR</b>	<b>Units</b>	<b>Req</b>
ENVS 332 Intro to GIS/GPS	4	major core
MSCI 359S or other UDSL for major	3	major core, UDSL
MSCI 370 Biological-Physical Oceanography	4	major core
Upper-division D (Ethnic Studies?)	3	UD D
<b>Semester totals</b>	<b>14</b>	

28

<b>FALL SENIOR</b>	<b>Units</b>	<b>Req</b>
MSCI Elective 1	4	MSCI elective
MSCI 350 Quantitative Marine Science	4	major core
MSCI 340 Marine Ecology	5	GWAR, major core
Upper-division area C course (with ES)	3	UD C (ES)
<b>Semester totals</b>	<b>16</b>	

<b>SPRING SENIOR</b>	<b>Units</b>	<b>Req</b>
MSCI Elective 2	4	MSCI elective
MSCI Elective 3	3	MSCI elective
MSCI 400-level capstone project course	4	Capstone
MSCI 410 MSCI Group Capstone	1	Capstone
Free electives to reach 120 units or missing UR	3	
<b>Semester totals</b>	<b>15</b>	

31