COLLEGE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF BIOLOGICAL SCIENCES

MARINE BIOLOGY (BS)
Degree Plan (MARBCBS)

GENERAL EDUCATION CURRICULUM

GEC 01. Written Communication (6 hours)
01. ENG 101
02. ENG 102

GEC 02. Basic Science and Mathematics (11 hours)
Science Requirement (8 hours)
01. Select 2 sciences with labs:
   BSC 110/L*
   BSC 111/L*
Mathematics Requirement (3 hours)
02. MAT 167** or MAT 314** (Calculus Competency)♦

GEC 03. Global History and Culture (12 hours)
Social Sciences Requirement (3 hours)
01. Select 1 course:
   ANT 101
   GHY 101
   SOC 101
Humanities Requirement (9 hours)
02. ENG 203
03. Select 2 courses, 1 History required:
   HIS 101
   HIS 102
   PHI 151
   REL 131

GEC 04. Aesthetic Values (3 hours)
01. Select 1 course:
   ART 130
   DAN 130
   MUS 165
   THE 100

GEC 05. Decision-Making and Responsibility (3 hours)
01. Select 1 course:
   COH 100
   ECO 101
   FIN 200
   PHI 171
   PS 101
   PSY 110

GEC 06. Computer Competency Requirement* (3 hours)
01. Select 1 course:
   CSS 211 or CSS 240 or CSS 330 or CSS 333 or PSY 360

GEC 07. Writing-Intensive Requirement* (Major Area)
01. BSC 445/L (WI)
   ENG 101 & ENG 102 prerequisites

GEC 08. Oral Communication Requirement* (3 hours)
01. Select 1 course:
   CMS 111 (SI) or CMS 305 (SI) or CMS 320 (SI) or
   CMS 330 (SI)

GEC 09. Capstone Requirement* (Major Area)
01. BSC 497 (Capstone)
   Must be taken Senior Year; ENG 101 & ENG 102 prerequisites

*This particular GEC course is required for this major. For full description of the GEC, see page 59.
♦Students may be advised to complete algebra and trigonometry as prerequisites to satisfying the calculus competency requirement.

PROGRAM CURRICULUM

DEG 01. Major Area of Study Requirements (33-34 hours)
01. BSC 197
02. BSC 201/L
03. BSC 370
04. BSC 380/L
05. BSC 445/L (WI)
06. Select 3 hours:
   BSC 360 or BSC 450 or BSC 451 or BSC 452 or BSC 453
07. Ecology/Organisms/Technology Select 3-4 hours:
   BSC 382 or BSC 407/L or BSC 408/L or BSC 409/L or
   BSC 414/L or BSC 415/L or BSC 416/L or BSC 427/L or
   BSC 430/L or BSC 436/L or BSC 440/L or BSC 441/L or
   BSC 446/L or BSC 476 or BSC 478/L or BSC 487/L or
   BSC 489/L
08. Marine Biology Select at least 10 hours to be taken at the
   Gulf Coach Research Laboratory in Ocean Springs
   COA 416/L or COA 421/L or COA 422/L or COA 424/L or
   COA 428/L or COA 433/L or COA 434/L or COA 435/L or
   COA 443/L or COA 446/L or COA 447/L or COA 453/L or
   COA 456/L or COA 465/L or COA 471/L
09. BSC 497 (Capstone)

DEG 02. Additional Requirements (25 hours)
01. CHE 106/L
02. CHE 107/L
03. CHE 255/L
04. CHE 256/L
05. PHY 111/L
06. PHY 112/L

DEG 03. Electives
01. Choose electives as needed.
   (See Hours to Degree below.)

HOURS TO DEGREE
124 hours are needed to graduate with a BS in Marine Biology. At least 50 percent of the hours applied to a degree at The University of Southern Mississippi
must be earned from a senior college, and 45 of these hours must be in courses numbered 300 or above. The last 25 percent of course work must be earned
from Southern Miss. The student must earn at least 12 hours in the major area of study from Southern Miss.
## MARINE BIOLOGY (BS)

### Courses by semester guide

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<th>Freshmen 1st semester</th>
<th>HRS</th>
<th>Freshmen 2nd semester</th>
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*Summer COA courses taken at Gulf Coast Research Laboratory (GCRL)*

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