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 courses 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* (3 hours)
01. ENG 333 (WI) or any upper-level approved WI class
   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.
**These particular GEC courses are the available options 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 (33-37 hours)
01. BSC 197
02. BSC 201/L
03. BSC 226/L
04. BSC 340
05. BSC 360
06. BSC 370
07. BSC 380/L
08. Select 3-5 hours:
   BSC 431/L
   BSC 450
   BSC 451
   BSC 452
   BSC 453
   BSC 454/L
   BSC 487/L
09. Select 6-8 hours course level 300 or 400 from Department of
   Biological Sciences. Must complete a minimum of 3
   laboratory-based courses at the 300-400 level in Department
   of Biological Sciences. BSC 492 Special Problems may be
   substituted with departmental permission. Cannot use
   non-majors courses (BSC 392 or BSC 399).
10. 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. Minor Area of Study (Optional)

DEG 04. Electives
01. Choose electives as needed.
   (See Hours to Degree below.)

HOURS TO DEGREE

124 hours are needed to graduate with a BS in Biological Sciences. 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.
## BIOLOGICAL SCIENCES (BS)
### Courses by semester guide

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<th>Freshmen 2nd semester</th>
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