CHEMISTRY (ACS-CERTIFIED CHEMISTRY) (BS)
Degree Plan (CHEACSBS)

GENERAL EDUCATION CURRICULUM

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

GEC 02. Basic Science and Mathematics (11 hours minimum)
  Science Requirement (8 hours minimum)
  01. Select 2 courses with labs:
      PHY 201/L*
      PHY 202/L*
  02. MAT 167*

  Mathematics Requirement (3 hours)

GEC 03. Global History and Culture (12 hours)
  Social Sciences Requirement (3 hours)
  01. Select 1 course:
      ANT 101
      GHY 101
      SOC 101
  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:
      CSC 101 or CSS 211 or CSS 240 or CSS 333 or
      PSY 360

GEC 07. Writing-Intensive Requirement* (Major Area)
  01. CHE 461/L (WI)
      ENG 101 & ENG 102 prerequisites

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

GEC 09. Capstone Requirement* (Major Area)
  01. CHE 496 (Capstone) (3 hours)
      Must be taken Senior Year; ENG 101 & ENG 102 prerequisites

*This particular GEC course is required for this major.
(The GEC Science Requirement for this degree is 10 hours.)
For full description of the GEC, see page 59.

PROGRAM CURRICULUM

DEG 01. Major Area of Study Requirements (50 hours)
  01. CHE 106/L
  02. CHE 107/L
  03. CHE 255/L
  04. CHE 256/L
  05. CHE 311/L
  06. CHE 400
  07. CHE 410
  08. CHE 411/L
  09. CHE 421/L
  10. CHE 431/L
  11. CHE 461/L (WI)
  12. CHE 462/L
  13. CHE 496 (Capstone) (3 hours)

DEG 02. Additional Requirements (9 hours)
  01. MAT 168
  02. MAT 169
  03. MAT 285

DEG 03. Electives
  01. Choose electives as needed with adviser's approval.
      (See Hours to Degree below.)

HOURS TO DEGREE

124 hours are needed to graduate with a BS in Chemistry (ACS-Certified Chemistry). 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.