CHEMISTRY (ACS-CERTIFIED BIOCHEMISTRY) (BS)
Degree Plan (CHEBIOCABS)

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*
  - *Mathematics Requirement (3 hours)*
    02. MAT 167*

**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:
    - 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 (69 hours)**
  01. CHE 106/L
  02. CHE 107/L
  03. CHE 255/L
  04. CHE 256/L
  05. CHE 311/L
  06. CHE 410
  07. CHE 411/L
  08. CHE 421/L
  09. CHE 422
  10. CHE 424
  11. CHE 431/L
  12. CHE 461/L (WI)
  13. CHE 462/L
  14. CHE 496 (Capstone) (3 hours)
  15. BSC 110/L
  16. BSC 111/L
  17. BSC 370
  18. BSC 380/L

**DEG 02. Additional Requirements (6 hours)**
  01. MAT 168
  02. MAT 169

**DEG 03. Electives**
  01. Choose electives as needed with advisor's approval.
    *See Hours to Degree below.*

**HOURS TO DEGREE**

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