

Note that this is a "Typical Program." Actual programs will vary. See the catalog for official details.

CHEMISTRY B.S.S. DEGREE**Advisor: Drs. Bordeaux and Nalliah****Fall 2004**

HS 115: Hist Persp on Cult & Civ I	3
EN 121: English Composition	3
PE 110: Introduction to Physical Wellness	1
<u>CH 161: Principles of Chemistry I</u>	4
<u>MA 171: Analytic Geom & Calc I</u>	4

total 15

Spring 2005

HS 116: Hist Persp on Cult & Civ II	3
EN 151: Introduction to Literature	3
PE 111: Physical Education Activities	1
<u>CH 162: Principles of Chemistry II</u>	4
<u>MA 172: Analytic Geom & Calc II</u>	4

total 15

Fall 2005

BI 161: Cell Biology ²	4
<u>CH 263: Organic Chemistry I</u>	4
<u>MA 273: Analytic Geom & Calc III</u>	4
<u>PH 211: Principles of Physics I</u>	4

total 16

Spring 2006

115: Introduction to AR/MU/TH	2
<u>CH 264: Organic Chemistry II</u>	4
* <u>MA 371: Differential Equations¹</u>	4
<u>PH 212: Principles of Physics II</u>	4
* <u>PH 261: Analog and Digital Electronics³</u>	2

total 16

Fall 2006

Core Curriculum Social Science	3
BR 111: Biblical History & Literature	3
CO 215: Public Speaking	3
* <u>CH 361: Physical Chemistry I</u>	4
* <u>CH 441: Advanced Inorganic Chemistry</u>	3

total 16

Spring 2007

Applied Creative Arts	2
Core Curriculum Social Science	3
MI 285: Understanding the Christian Faith	3
* CH 445: Advanced Laboratory Analysis ³	2
* <u>CH 371: Physical Chemistry II</u>	4
<u>CH 490: Independent Study</u>	1-2

total 15-16

Fall 2007

Elective	6
BR : Bible Elective [300+ level]	3
* <u>CH 331: Quantitative Analysis</u>	4
* <u>CH 451: Senior Seminar in Chemistry</u>	1

total 14

Spring 2008

Elective [300+ level]	3
CAP 475: Capstone Seminar	2
PL 220: Introduction to Philosophy	3
* <u>CH 333: Instrumental Analysis</u>	4
* <u>CH 411: Biochemistry</u>	3

total 15

NOTES:

1. Pre-Med students may substitute an upper level biology course for MA 371.
2. BI161, Cell Biology, is recommended as an elective. Students may choose to take BI 161 in the Fall of the Freshman, sophomore, or Junior year depending on the need for early fulfillment of prerequisites for other Biology courses. BI 161 is recommended before CH 411, Biochemistry.
3. CH 445 may be substituted for PH 261 or taken as an elective in the major.
4. Majors must be careful in selection of electives so that a sufficient number of upper division courses are taken. A minimum of 36 hours of 300+ courses is required for graduation.

* Indicates alternating year course; underlining indicates required for major.