

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

CHEMISTRY B.S. DEGREE**Advisor: Drs. Bordeaux and Nalliah****Fall 2005**

HS 115: Hist Persp on Cult & Civ I	3
EN 121: Academic Writing & Research	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 2006

HS 116: Hist Persp on Cult & Civ II	3
<u>BI 161: Cell Biology</u> ²	4
<u>MA 172: Analytic Geom & Calc II</u>	4
<u>CH 162: Principles of Chemistry II</u>	4

total 15

Fall 2006

EN 151: Introduction to Literature	3
PE 111: Physical Education Activities	1
<u>MA 273: Analytic Geom & Calc III</u>	4
<u>PH 211: Principles of Physics I</u>	4
<u>CH 263: Organic Chemistry I</u>	4

total 16

Spring 2007

115: Introduction to AR/MU/TH	2
Elective	6
<u>CH 264: Organic Chemistry II</u>	4
<u>PH 212: Principles of Physics II</u>	4

total 16

Fall 2007

Core Curriculum Social Science	3
BR 111: Biblical History & Literature	3
CO 215: Public Speaking	3
* <u>CH 331: Quantitative Analysis</u>	4
* <u>CH 451: Senior Seminar in Chemistry</u>	1

total 14

Spring 2008

MI 285: Understanding the Christian Faith	3
* <u>PH 261: Analog and Digital Electronics</u> ³	2
* <u>CH 333: Instrumental Analysis</u>	4
* <u>MA 371: Differential Equations</u> ¹	4
* <u>CH 411: Biochemistry</u>	3

total 16

Fall 2008

Core Curriculum Social Science	3
BR : Bible Elective [300+ level]	3
<u>CH 490: Independent Study</u>	1-2
* <u>CH 361: Physical Chemistry I</u>	4
* <u>CH 441: Advanced Inorganic Chemistry</u>	3

total 14-15

Spring 2009

Elective [300+ level]	3
CAP 475: Capstone Seminar	2
PL 220: Introduction to Philosophy	3
Applied Creative Arts	2
* <u>CH 371: Physical Chemistry II</u>	4
* <u>CH 445: Advanced Laboratory Analysis</u> ³	2

total 16

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.