

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

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

Fall 2008			Spring 2009		
<u>CH 161:</u>	<u>Principles of Chemistry I</u>	4	<u>BI 161:</u>	<u>Cell Biology</u>	4
<u>MA 171:</u>	<u>Analytic Geometry & Calculus I¹</u>	4	<u>CH 162:</u>	<u>Principles of Chemistry II</u>	4
HS 115:	Hist Persp on Cult & Civ I	3	<u>MA 172:</u>	<u>Analytic Geometry & Calculus II¹</u>	4
EN 121:	Academic Writing and Research	3	<u>PY 111:</u>	<u>Introduction to Psychology</u>	3
PE 110:	Introduction to Physical Wellness	1	HS 116:	Hist Persp on Cult & Civ II	3
SS 111:	University Life ²	.5			
115:	Introduction to AR/MU/TH	2			
	total	17.5		total	18
Fall 2009			Spring 2010		
<u>CH 263:</u>	<u>Organic Chemistry I</u>	4	<u>CH 264:</u>	<u>Organic Chemistry II</u>	4
<u>ED 212:</u>	<u>Introduction to Education</u>	3	* <u>CH 333:</u>	<u>Instrumental Analysis³</u>	4
<u>ED 296:</u>	<u>Soph Practicum for MS & HS</u>	1	<u>ED 236:</u>	<u>Educational Psychology</u>	4
<u>PH 211:</u>	<u>Principles of Physics I</u>	4	<u>PH 212:</u>	<u>Principles of Physics II</u>	4
<u>SE 234:</u>	<u>Ed of the Exceptional Adolescent</u>	2	* <u>PH 261:</u>	<u>Analog and Digital Electronics⁴</u>	2
BR 111:	Biblical History and Literature	3			
	total	17		total	18
Fall 2010			Spring 2011		
<u>ED 311:</u>	<u>Early Adol. Curric & Methods⁵</u>	3	* <u>CH 371:</u>	<u>Physical Chemistry II</u>	4
* <u>CH 361:</u>	<u>Physical Chemistry I</u>	4	<u>ED 320:</u>	<u>Instructional & Mgmt Strategies</u>	3
* <u>PH 271:</u>	<u>Astronomy</u>	3	* <u>PH 321:</u>	<u>Modern Physics & Cosmology</u>	3
CO 215:	Public Speaking	3	MI 285:	Core Curriculum Christian Faith	3
EN 151:	Perspectives on Literature	3	PE 111:	Physical Education Activities	1
	Creative Studio Arts	1		Core Curriculum Social Science	3
	total	17		total	17
Fall 2011			Spring 2012		
* <u>CH 331:</u>	<u>Quantitative Analysis</u>	4	<u>ED 440:</u>	<u>Topics & Problems in Education</u>	2
<u>ED410sci:</u>	<u>Science Curriculum and Methods</u>	2	<u>ED 460:</u>	<u>Student Teaching in Sec. Schools</u>	10
* <u>PH 323:</u>	<u>Nuclear & Radiation Physics</u>	3			
BR____:	Bible Elective [300+ level]	3			
CAP475:	Capstone Seminar	2			
PL____:	Introduction to Philosophy/Ethics	3			
	total	17		total	12

NOTES:

1. Chemistry majors not yet placing into MA 171/172 should take MA 141 in the Spring of the freshman year (*see mathematics placement policy in Catalog under Academic Information*).
2. SS 111 is required in the fall semester of the freshman year for first-time freshman only.
3. If CH 333, would fall within a Student Teaching semester, it is recommended during the sophomore year.
4. Students may take PH 421 in place of PH 261.
5. ED 395 Multicultural Practicum should be scheduled during January Term of the junior year.
6. CH 411, CH 441 and CH 445 are also recommended as electives in the major.

*Indicates alternating year course.

Underlining indicates required for major.