

CURRICULUM IN CHEMISTRY

Leading to the Degree of Bachelor of Science

FIRST SEMESTER	FIRST YEAR	
S.H.	S.H.	SECOND SEMESTER
?Chemistry 121	3	Chemistry
122	3	
?Chemistry 123	1	?Chemistry
124	1	
English 101	3	English
102	3	
Math 200 ¹	5	Math
201	5	
Communications 211	3	Biological
Sciences	4	
Orientation 101	<u>0-</u>	
<u>1</u>		—
	15-16	
16		

SECOND YEAR		
?Chemistry 251	3	?Chemistry
266	3	
?Chemistry 254	2	?Chemistry
268	1	
English 230,231,232, or 322	3	Physics
222	3	
Physics 221	3	Physics
224	1	
Physics 223	1	Computer
Science	3	
?Chemistry 265	3	Arts
Elective ²	3	
?Chemistry 267	<u>1</u>	
Elective	<u>2</u>	
	16	

16

THIRD YEAR

?Chemistry 395	3	English 230,231,232, or
322 3		
?Chemistry 397	2	Foreign
Language ³	3	
?Chemistry 451	3	Social
Science ⁴	3	
?Chemistry 453	2	?*Concentration
Elect ⁵ 6		
Foreign Language ³	3	
Elective	—	
<u>3</u>		<u>3</u>
	16	
15		

FOURTH YEAR

?*Concentration Elect ⁵	5	?Chemistry
401 1		
Social Science ⁴	3	?*Concentration Elec ⁵
4-5		
History	3	
Electives	6	
Electives	—	
<u>3</u>		<u>3</u>
	14	
12		11-

Total semester hours required.....119-121

Orientation 101 is not required of transfer or readmitted Southeastern students with 30 hours or more.

¹Math 162 and Math 165 may be used as electives for those students whose Math ACT score is insufficient for direct entry into Math 200.

²Must be selected from Visual Arts, Music, Theater, or Dance.

³Must be selected from the same language.

⁴Must be selected from Economics, Geography, Anthropology, Political Science, Psychology, or Sociology.

⁵Must be selected from one of the four Concentration Areas listed below.

?All Chemistry courses specified above will be used to calculate the major

grade point average which must be an adjusted 2.0.

*Only Chemistry courses taken as Concentration Electives will count toward

the major GPA.

CONCENTRATION ELECTIVES

American Chemical Society Concentration (16 hrs required)

This Concentration is strongly recommended for those students who may plan to attend graduate school in chemistry.

Students who complete the ACS Certified Curriculum described in this Concentration Area will receive, in addition to their diploma, a certificate

from the American Chemical Society.

Students must take:

Chemistry 396	3 hrs
Chemistry 471	3 hrs
Chemistry 473	1 hrs
Chemistry 398 or 483	2 hrs
Chemistry 481	3 hrs
Chemistry 411	1 hrs
Any three hours from the following	3 hrs
Chemistry 482	3 hrs
Chemistry 491	3 hrs
Chemistry 492	3 hrs
Chemistry 462	3 hrs
Chemistry 404	1-3 hrs

Biochemistry Concentration (16 hrs required)

This Concentration Area is recommended for those students who plan to attend graduate school in biochemistry or who are seeking admission into a program in medicine or dentistry.

Students must take:

Chemistry 481	3 hrs
Chemistry 482	3 hrs
Chemistry 483	2 hrs
Chemistry 411	1 hrs
Any seven hours from the following	7 hrs
Chemistry 404	1-3 hrs
Chemistry 484	2 hrs
General Biology 200	3 hrs
General Biology 312	3 hrs
Zoology 392	4 hrs
Microbiology 453	4 hrs

Business and Industry Concentration (requires 15 hrs)

This concentration Area is recommended for those students who are planning for a career in industry. The non-chemistry courses have been chosen such that they provide support for additional work either in a Master's in Business or training in Occupational Safety and Health.

Students must complete any 15 hours from the following:

Chemistry 404	1-3 hrs
Occupational Safety and Health 122	3 hrs
Occupational Safety and Health 123	3 hrs
Occupational Safety and Health 125	3 hrs
Occupational Safety and Health 221	3 hrs
Occupational Safety and Health 223	3 hrs
Economics 201	3 hrs
Management 231	3 hrs
Management 261	3 hrs
Management 351	3 hrs
Management 309	3 hrs
Management 474	3 hrs
Accounting 211	3 hrs
Marketing 303	3 hrs

Political Science/Pre-Law Concentration (15 hrs required)

This Concentration Area is designed for those students who may wish to enter the fields of environmental or patent law. The electives have been chosen from those recommended for pre-law students.

Students must complete any 15 hours from the following:

Chemistry 404	1-3 hrs
Economics 201	3 hrs
Accounting 211	3 hrs
English 321	3 hrs
Philosophy 313	3 hrs
Management 232	3 hrs
Political Science 201	3 hrs
Political Science 202	3 hrs
Political Science 401	3 hrs
Political Science 406	3 hrs
Political Science 436	3 hrs

*Press your **BACK** button to return to the Departmental Listing.*

Updated 6 Sep 99.