



# College of Science, Engineering and Technology

## Chemistry

### Pre-Pharmacy Curriculum

#### Suggested Curriculum Sequence<sup>a-d</sup>

##### Freshman Year

First Semester			Hours	Second Semester			Hours
CHE	099	Freshman Orientation	1	CHE	202	General Chemistry and Qualitative Analysis	5
CHE	201	General College Chemistry	5	BIO	222	General Botany	4
BIO	221	General Zoology	4	ENG	102	Composition and Research	3
ENG	101	Composition	3	MAT	250	Calculus and Analytic Geometry I	5
CIV	101	World Civilizations & Cultures I	3	CIV	102	World Civilizations & Cultures II	3

##### Sophomore Year

First Semester			Hours	Second Semester			Hours
CHE	312	Organic Chemistry I	5	CHE	320	Organic Chemistry II	3
PHY	130/131	General Physics I	4	CHE	325	Organic Chemistry II Lab	3
BIO	300	Introduction to Microbiology	4	PHY	132/133	Physics II	4
ECO	231	Principles of Microeconomics	3	CHE	305	Analytical Chemistry I	5
				BIO	228	Human Anatomy	4

##### Junior Year

First Semester			Hours	Second Semester			Hours
CHE	330	Basic Biochemistry	3	CHE	403	Basic Physical Chemistry	5
HUM	211	The Western Humanities Tradition: Continuity	3				
MAT	135	Introduction to Probability & Statistics	4				
ANT	140		3				

##### Senior Year

First Semester			Hours	Second Semester			Hours
CHE		Electives	1-4	_____	_____	_____	
CSC	232	Visual Basic I	4	_____	_____	_____	
PSY	180		3	_____	_____	_____	
				_____	_____	_____	

<sup>a</sup>This curriculum meets the requirements for admission to the UK Pharmacy School but does not guarantee admission. The requirements for other schools may be different - consult your pharmacy advisor to alter this curriculum to meet your needs. To enter pharmacy school students should take the PCAT when advised.

Interviews and applications must be complete by 1/15/200(x) if needed for Fall 200(x) admission.

<sup>b</sup>Electives should be chosen to complete the requirement of a minor in another discipline.

<sup>c</sup>Schedule university studies electives to satisfy university requirements.

<sup>d</sup>Complete upper division electives to total 32 hours for a major in chemistry. Schedule other electives to satisfy the 128 hours requirement for education. The University of KY requires either 2 years of HS or 1 year of college foreign language.

504, and ADA Act. For more information contact Annazette McCane, director of Equal Opportunity; Murray State University; 319 Wells Hall, Murray, KY 42071-3318; telephone (270) 809-3155 (voice) and (270) 809-3361 (TDD).

#### For More Information Contact:

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