

**DEPARTMENT OF TOXICOLOGY**  
**UNIVERSITY OF LOUISIANA AT MONROE**  
**TOXICOLOGY BACHELOR OF SCIENCE CURRICULUM**

<b>First Year</b>		
<b>Course</b>	<b>Semester</b>	<b>Credit Hours</b>
English 101	F	3
Chemistry 107, 109 (inorganic)	F	4
Math Core Requirements #	F	3
Biology 120, 121	F	4
Freshman Seminar (FRYS)	F	1
Computer Sciences 163, 167	F	3
English 102 or 103 ****	S	3
Chemistry 108, 110 (inorganic)	S	4
Math Core Requirements #	S	3
Social Science Elective ***	S	3
Fine Arts Elective **	S	3

<b>Second Year</b>		
<b>Course</b>	<b>Semester</b>	<b>Credit Hours</b>
Chemistry 230, 231 (organic)	F	4
Physics 203, 209	F	4
Biology 311 (human physiology)	F	3
Biology 214, 215 (microbiology)	F	4
Toxicology 101 (introduction)	F	2
Chemistry 232, 233 (organic)	S	4
Physics 204, 210	S	4
Biology 312, 313 (human physiology)	S	4
Math 116 (statistics)	S	3
Toxicology 201 (environmental)	S	2

<b>Third Year</b>		
<b>Course</b>	<b>Semester</b>	<b>Credit Hours</b>
Humanities Elective *	F	3
Chemistry 240, 241 (quantitative analysis)	F	5
Chemistry 350 (biochemistry)	F	3
Nursing 280 (pharmacology)	F	3
Chemistry 407 (instrumental analysis)	S	4
Toxicology 411, 413 (biochemical toxicology)	S	4
Social Sciences Elective ***	S	3
English 220 (technical writing)	S	3

<b>Fourth Year</b>		
<b>Course</b>	<b>Semester</b>	<b>Credit Hours</b>
Toxicology 412, 414 (organ system toxicology)	F	4
Humanities Electives (2) *	F	6
Pharmacy 404 (public health)	F	2
Toxicology 424 (clinical toxicology)	F	2
Toxicology 491 (toxicology seminar)	S	1
Toxicology 444, 443 (industrial hygiene)	S	3
Toxicology 326 (clinical chemistry and toxicology)	S	3
Criminal Justice 330 (criminal investigation)	S	3
Capstone course	S	3

\* Humanities – A minimum of 9 hours credit is required. Of these 9 hours, 6 hours must be taken as a sequence of two courses in either Literature or History. The remaining 3 hours must be taken in the other discipline's alternative field (students must have at least one course in either the U.S. or the World area):

English 203–204 (World)  
English 205–206 (U.S.)

History 111–112 (World)  
History 201–202 (U.S.)

(Examples: American Literature 205–206 + World History 112; World Literature 203–204 + U.S. History 201)

\*\* Fine Arts Elective – A minimum of 3 hours is required. One of the following courses is required to satisfy the elective requirement:

Art 109  
Art 201  
Art 202  
Art 411

Dance 301  
Music 170  
Music 191  
Music Education 335

Theater 191

\*\*\* Social Sciences – A minimum of six hours of approved Social Sciences are required. Three hours must be selected from each of the following two lists, but the two selections must represent different disciplines:

*Group I*

Economics 103  
Geography 101 or 102  
Government 101  
Sociology 101 or 102

*Group II*

Economics 201  
Psychology 201  
Government 201  
Anthropology 207

\*\*\*\* English Composition – English 101 and either 102 or 103

# Mathematics Core Requirements – Students may elect to take any of the following three sequences:

- a) Math 111 followed by Math 112
- b) Math 113 followed by Math 114
- c) Math 131 followed by Math 132

Math 118 is not an option for Toxicology majors

REVISED 11/8/06