

scheduled. Each term is equivalent in cost to a regular semester but is structured around an academic calendar that is unique to the final year of the Doctor of Pharmacy Program. Students must enroll in their first advanced practice experiences in the first non-standard term. In addition, students must attend a mandatory practice experience orientation in the month of May preceding the start of experiences. Failure to attend this orientation may result in a delayed graduation date.

Although the primary administrative and instructional facilities of the College of Pharmacy are housed at the University of Louisiana at Monroe, the program has numerous off-campus clinical affiliates located inside and outside of Louisiana. Students may be required to relocate for advanced practice experiences in the final year of the program. Because local sites are limited and demand is great, standing in the program, among other criteria, may be used to allocate advanced practice experience sites. The student is referred to the Introductory and Advanced Practice Experience Manuals for complete policy and procedures governing the experiential component of the program.

DOCTOR OF PHARMACY CURRICULUM FOUR YEAR PROGRAM

First Professional Year

(Fall & Spring Semesters, Summer Term)	Hrs.
Pharmacy 300	1
Pharmacy 350	3
Pharmacy 402	4
Pharmacy 403	3
Pharmacy 407	3
Pharmacy 408	2
Pharmacy 409	3
Pharmacy 411	3
Pharmacy 412	3
Pharmacy 425	3
Pharmacy 436	1
Pharmacy 447	3
Pharmacy 451	3
Pharmacy 480	3
Total	<u>38</u>

Second Professional Year

(Fall & Spring Semesters, Summer Term)	
Pharmacy 410	3
Pharmacy 413	4
Pharmacy 414	4
Pharmacy 418	2
Pharmacy 424	4
Pharmacy 432	3
Pharmacy 446	3
Pharmacy 481	3
Pharmacy 585	4
Pharmacy 586	5
Pharmacy Electives	<u>2</u>
Total	37

Third Professional Year

(Fall & Spring Semesters)

Pharmacy 385	2
Pharmacy 445	1
Pharmacy 454	3
Pharmacy 503	2
Pharmacy 515	3
Pharmacy 574	3
Pharmacy 587	5
Pharmacy 588	4
Pharmacy 589	2
Pharmacy Electives	<u>8</u>
Total	33

Fourth Professional Year

(Non-Standard Pharmacy Terms I & II)

Pharmacy 634	6
Pharmacy 635	6
Pharmacy 636	6
Pharmacy 637	6
Pharmacy 638	6
Pharmacy 639	6
Pharmacy 640	<u>6</u>
Total	42
Total hours for degree, 253 (includes preparatory coursework)	

DEPARTMENT OF TOXICOLOGY

Baer, Banks, Blaylock, Herrock, Mehendale, Meyer

The undergraduate Toxicology program consists of a four-year curriculum which includes a solid foundation in basic sciences, a broad background in the science of Toxicology with several highly specialized courses, and sufficient courses in other areas to provide the student with a well rounded education. The concept of a broad background with certain specialized courses is intended to allow the graduate to fit into any of several aspects of toxicology, including industrial hazard control, environmental pollution control, product safety assessment, forensic toxicology, and toxicology research.

The Toxicology major can also be used to fulfill the Pre-Pharmacy requirements for admission to Pharmacy School. See Toxicology in the Courses of Instruction section.

ADMISSION TO THE PROGRAM IN TOXICOLOGY

Applicants for admission to the undergraduate program in Toxicology must meet the general admission requirements for admission to the University. Applications are to be submitted to the University Admissions Office.

TOXICOLOGY

Freshman Year

	Hrs.
Core English Composition*	6
Core Fine Arts*	3
Core Mathematics*	6
Core Social Science*	3
Biology 120 ^{enp} , 121	4
Chemistry 107 ^{enp} , 108 ^{enp} , 109, 110	8
Computer Science 170	3
FRYS 101	(1)
Total	33

Sophomore Year

Biology 214, 215; 311; 312, 313.....	11
Chemistry 230, 231, 232, 233	8
Mathematics 116 ^{cm}	3
Physics 203, 209; 204	7
Toxicology 101; 201	4
Total	33

Junior Year

Core Humanities*	3
Core Social Science*	3
Chemistry 240, 241, 350, 407	12
English 320.....	3
Track Elective**	3
Toxicology 411; 413	4
Total	28

Senior Year

Core Humanities Elective*	6
Toxicology 301	3
Track Elective**	3
Track Elective**	3
Toxicology 412, 414, 424, 441, 442, 443,; 491 ^{uc}	16
Total	31

Total hours for degree, 125.

*Students should see the Core Curriculum requirements on pages 78 and 116.

** Students choosing Toxicology as a major will be required to choose from one of the following Toxicology Tracks following completion of Toxicology 101: General, Environmental, Forensic, Industrial Hygiene. See Toxicology in the Courses of Instruction section.

UNDERGRADUATE CORE CURRICULUM

The distinguishing quality of a university education is the intersection and blend of career preparation and life enrichment. Through the Core Curriculum, ULM joins these two purposes together, and both of these aspects of a good university experience were uppermost in the minds of the faculty and administrators when they established the new Core Curriculum. In fact, several principles have guided the building of ULM's common core.

One fundamental concern was the desire to provide ULM students with opportunities to explore the interrelationship of knowledge in our increasingly complex, global society. Thus, an emphasis was placed upon offering courses that have an interdisciplinary content or that can be paired with other disciplines in challenging, informative ways to reveal the links that various endeavors of study possess. Students thus will have the freedom to explore different avenues of inquiry and to see how various kinds of knowledge connect.

Another governing principle was to expand our literary and cultural offerings to include the examination of the people, values, and societies of both Eastern and Western civilizations. This step was taken in the knowledge that a global perspective is a necessity for today's students who will live and work in a world economy and in an ever-changing international environment.

A third key objective was to develop the writing, research, and communication skills of our students and to integrate these skills with a knowledge of the humanities and the sciences, particularly the areas of literature, the social sciences, the fine arts, history and mathematics.

Yet another effect of the creation of our Core Curriculum is that the resulting commonality of academic experiences of the student population will enable those students who want to transfer between majors the ability to do so more easily.

Above all, the Core Curriculum has been established to serve the long term educational needs of ULM students. Accordingly, we offer our undergraduate students this broader, stronger educational foundation that was created and adapted from the general education requirements of the Louisiana Board of Regents General Education guidelines. The Board of Regents requirements stipulate that a minimum of 39 hours of credit in certain areas of English composition, mathematics, the natural sciences, the humanities, the fine arts, the social/behavioral sciences, and computer literacy must be earned by students pursuing a B.A. (Bachelor of Arts), B.S. (Bachelor of Science), or a Bachelor's (non-designated) degree. (For a complete list of the Louisiana Board of Regents Statewide General Education Requirements, see this section on page 61). ULM's Core Curriculum, which requires that a total of 42 hours of credit be earned in various fields of study, adheres to and meets the stipulations of the Board of Regents requirements. By adding a common interdisciplinary university capstone course which emphasizes the development of thinking skills, writing, and research and by focusing upon first-year and sophomore courses which will best prepare students for advancing to the courses in their majors, the Core Curriculum ensures that ULM's students will be intellectually well-equipped to complete their chosen programs of study, as well as to find a meaningful place in today's rapid-paced, integrated world.

ULM COMMON CORE CURRICULUM

Foundation Courses

It is imperative that undergraduate students entering ULM are provided with a strong academic foundation upon which to build their future college careers. Ultimately, this structure, which follows many national trends, brings a much needed breadth and commonality to the ULM academic experience and makes it easier for students to transfer between majors.

REQUIREMENTS	DETAILS
<p>Freshman Year Seminar (1 Hour)</p> <p>The one-hour credit earned for this course will not count toward the total number of hours required to complete a degree.</p>	<p>This course is designed to maximize the student's potential to achieve academic success. The course includes an introduction to ULM academics, technology, and study skills. It also introduces students to the many resources available to them at ULM.</p>

REQUIREMENTS	DETAILS		
<p>Core English Composition 6 Hours ENGL 101 ENGL 102</p>	<p>The goal of these introductory composition courses is to encourage the development of proficiency in writing.</p>		
<p>Core Humanities 9 Hours ENGL 203, 204 (World) 205, 206 (U.S.) HIST 111, 112 (World) 201, 202 (U.S.)</p> <p>Six hours must be taken as a sequence of two courses in either Literature or History. The remaining three hours must be taken in the other discipline's alternative field (i.e., one course in either the U.S. or the World area).</p>	<p>The goals of the Humanities courses are to encourage an understanding of the literature, history, language, culture, and belief systems of nations and to improve the written and oral skills of students.</p>		
<p>Core Fine Arts 3 Hours Art 109, 201, 202, 411* Dance 301 Music 101, 191 Music Education 335* Theater 191</p> <p>Choose one from the above list. *Art 411 and Music Education 335 are for Elementary Education majors only.</p>	<p>Fine arts courses help students understand and appreciate visual art, drama, and music. Students learn about the creative process and the nature of art. Each fine arts course should include first-hand experiences with works of art, music, or theater.</p>		
<p>Core Mathematics 6 Hours Math 110 or 111, 112, 113, 114, 116, 118, 131, 132</p> <p>Six hours of approved mathematics classes from the 100 level or higher must be selected from the above list.</p>	<p>Students may not use both Math 114 and Math 131 to satisfy the mathematics core requirement. Students may not use both Math 111 and 113 to satisfy the mathematics core requirement. Students may not use both Math 112 and Math 113 to satisfy the mathematics core requirement.</p>		
<p>Core Natural/Physical Sciences 9 Hours Biology 101, 110; 120, 122; 114, 115 Atmospheric Sciences 101, 102 Chemistry 101, 102; 107, 108 Geology 101, 102 Physics 203, 204; 207, 208 Physical Science 101, 102 Integrated Science* 101, 102; 103, 104</p> <p>*Integrated Science courses are for Elementary Education majors only.</p> <p>Physics 201 is an approved course which may be taken to satisfy three hours of the nine hour requirement.</p>	<p>Six hours must be from an approved sequence of two courses in either biological or physical science. Three hours must be from the other area.</p>		
<p>Core Social Sciences 6 Hours</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><i>Group I:</i> Economics 103 Geography 101 or 102 Political Science 101 Sociology 101 or 102</p> </td> <td style="width: 50%; vertical-align: top;"> <p><i>Group II:</i> Economics 201 *Psychology 201 Political Science 201 Anthropology 207</p> </td> </tr> </table> <p>*Note: Psychology 201 and 203 or 205 may be used to satisfy this requirement for Education majors.</p>	<p><i>Group I:</i> Economics 103 Geography 101 or 102 Political Science 101 Sociology 101 or 102</p>	<p><i>Group II:</i> Economics 201 *Psychology 201 Political Science 201 Anthropology 207</p>	<p>Six hours of approved Social Science courses are required. Three hours must be selected from each Group, but the two selections <i>must</i> represent different disciplines.</p>
<p><i>Group I:</i> Economics 103 Geography 101 or 102 Political Science 101 Sociology 101 or 102</p>	<p><i>Group II:</i> Economics 201 *Psychology 201 Political Science 201 Anthropology 207</p>		

REQUIREMENTS

Core University Capstone 3 Hours

The University Capstone is an advanced, thematic, interdisciplinary course that is intended to give students an opportunity to refine, synthesize, and demonstrate the knowledge and skills acquired during their earlier core experiences. This course will give substantive attention to critical thinking, methods of inquiry, written and oral communication skills, and computer literacy. In this research-driven course, students will be taught explicitly over the course of the semester to identify, reconstruct, analyze, and critique reasoned claims.

This course must be taken within the student's last 60 hours of credit.

TOTAL CORE CURRICULUM HOURS 42 HOURS

Core Curriculum Guidelines

1. Students must complete all of the courses in the Core Curriculum (a total of 39 hours) before they enroll in the University Capstone course.
2. The student's work in a major or minor may count toward meeting the University Core.
3. Transfer students can apply equivalent hours earned at other universities to meet ULM core requirements (equivalency to be determined by the appropriate department head and the Board of Regents' Statewide Student Transfer Guide and General Education Articulation Matrix).
4. No course used to fulfill University core curriculum requirements may be taken Pass/Fail.
5. Transfer credit will not be accepted for the Capstone requirement.
6. All freshman students are required to take the Freshman Year Seminar for one credit hour (the course will not count toward any degree program and will be nontransferable).
7. In the absence of a compelling reason, degree programs should refrain from defining or limiting student choices within the menu of prescribed general education courses.
8. ETV courses may not be used to satisfy core curriculum requirements

Core Curriculum Abbreviations Used in Degree Plans or Programs of Study

Some degree plans specified that certain courses must be taken from within a menu of the sets of courses in the core curriculum. For those that did so, first the specific course will be listed in the degree plan, followed by the appropriate abbreviation which indicates which requirement is being fulfilled by the specified required core curriculum course. For example, if Mathematics 113 and 131 must be taken by Computer Science majors, then the requirement will be listed as

"Mathematics 113^{cm}, 131^{cm}". The core curriculum abbreviations which have been used are as follows:

ce	Core English Composition
ch	Core Humanities
cf	Core Fine Arts
cm	Core Mathematics
cnp	Core Natural/Physical Science
cs	Core Social Science
uc	University Capstone