

# BACHELOR OF SCIENCE DEGREE CLINICAL LABORATORY SCIENCES

## **History**

The Clinical Laboratory Science Program was developed to meet the changing needs of the clinical hospital laboratory. Since its inception in 1951 at Our Lady of the Lake Regional Medical Center, the program has graduated more than 600 clinical scientists. In 1997, the program became part of Our Lady of the Lake College.

## **Purpose**

The purpose of the Bachelor's degree program in Clinical Laboratory Sciences (CLS) is to provide the community with cognizant and adept scientists capable of competing in today's progressive job market. Graduates of this program will possess the knowledge and skills necessary to become successful in the CLS profession. They will be able to perform a wide array of laboratory testing as well as interpret and analyze the results of such testing in the diagnosis of human disease.

## **Enrollment**

Our Lady of the Lake College applications for admission to the Bachelor of Science degree program are due on or before March 15<sup>th</sup> for the class beginning in June. Class size is limited to a maximum of 16-20 students as determined by the availability of clinical sites.

## **Length of Program**

The Bachelor of Science Degree in Clinical Laboratory Sciences consists of 128 total credit hours. The curriculum is composed of 67 credit hours of general education (Arts and Sciences) courses and 61 credit hours of CLS program courses. The general education requirements are designed to be completed in a 2-year period. The CLS program coursework/clinical portion of the program is set up to be completed in 18 months.

## **Application Procedure**

Applications are issued with the approval of the Clinical Laboratory Sciences' program director.

## **Tuition**

Refer to the published Tuition & Fee schedule, available in the application packet.

## **Financial Assistance**

Our Lady of the Lake College has financial aid counselors available to assist students with the financial aid process. All students are encouraged to complete the Free Application for Federal Student Aid (FAFSA) form.

## **Transferability**

Credit earned at a regionally accredited college or university is transferable provided the course is equivalent in content to the course offered at Our Lady of the Lake College. Credit for college level achievement may be awarded through the CLEP and/or ACT/PEP examination. Time limits for transferability of some courses may exist. Information is available in the Office of Admissions.

## **Licensure/Employment Outlook**

Louisiana requires licensure for all CLS professionals. Graduates must pass a national certification examination in order to qualify for permanent state licensure and for employment. According to the US Department of Labor, the employment of clinical laboratory scientists is expected to increase faster than the average for all occupations through the year 2016 and the future job outlook is predicated to be excellent because the number of job openings is expected to continue to exceed the number of job seekers. The volume of laboratory tests continues to increase with both population growth and the development of new types of tests. Although the majority of clinical laboratory scientists are employed by hospitals, graduates are also employed in medical and diagnostic laboratories, physicians' offices/clinics, blood banks, research facilities, crime/forensic laboratories, colleges/universities, and by the Federal Government.

**Accreditation**

Our Lady of the Lake College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award associate, baccalaureate, and masters degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the status of Our Lady of the Lake College. The Clinical Laboratory Sciences program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS, 8410 West Bryn Mawr Ave., Ste. 680, Chicago, IL 60631, (773)714-8880).

**Admission Requirements**

The applicant must meet the following minimum requirements for admission to the Clinical Laboratory Scientist program:

1. Requirements for acceptance into the program are the same as for acceptance to OLOL College
2. And completion of general education requirements with a grade of C or better

**Admission Process**

Entrance into the CLS program is competitive, and the academic coursework within the clinical program itself is very demanding. The prerequisite general education requirements provide a necessary academic foundation. The applicant's performance in such prerequisite coursework is an indicator of the applicant's potential for success within the clinical program. Priority is given to applicants who have completed the prerequisite coursework at a level which indicates their potential for success in the program, and who have provided evidence of understanding the demands of the profession.

**Curriculum Plan**

The student must complete the prerequisite courses before admission into the clinical component.

YEAR 1								
Semester I (Fall)		Credit Hours	Semester II (Spring)		Credit Hours			
ACSM	1110	1	ENGL	1311	3			
ENGL	1310	3	BIOL	1316 or 2311	3			
MATH	1315	3	BIOL	2325/2325L	4			
BIOL	1315 or 2310	3	CHEM	1316/1316L	4			
CHEM	1315/1315L	4	HUMN	ELECTIVE	3			
SOCI	ELECTIVE	3						
<i>Subtotal</i>		17	<i>Subtotal</i>		17			
YEAR 2								
Semester I (Fall)		Credit Hours	Semester II (Spring)		Credit Hours	Semester III (Summer)		Credit Hours
CSCI	1310	3	HUMN	ELECTIVE	3	CLSC	3710/3710L	2
MATH	2315	3	SOCI	≥2310	3	CLSC	3715	2
RELS	ELECTIVE	3	BIOL	≥3310	3	CLSC	3720	3
BIOL	≥3310	3	CHEM	2311/2311L	4			
CHEM	2310/2310L	4	CLSC	1310	3			
CLSC	1110	1						
<i>Subtotal</i>		17	<i>Subtotal</i>		16	<i>Subtotal</i>		7
YEAR 3								
Semester I (Fall)		Credit Hours	Semester II (Spring)		Credit Hours	Semester III (Summer)		Credit Hours
CLSC	3725/3725L	4	CLSC	4730	3	CLSC	4785	5
CLSC	3730/3730L	4	CLSC	4740	3			
CLSC	3740/3740L	4	CLSC	4750	2			
CLSC	3750/3750L	4	CLSC	4760	2			
			CLSC	4765	2			
			CLSC	4770	2			
			CLSC	4775	2			
<i>Subtotal</i>		16	<i>Subtotal</i>		16			5
YEAR 4								
Semester I (Fall)		Credit Hours						
CLSC	4786	5						
CLSC	4787	5						
CLSC	4788	5						
CLSC	4910	2						
<i>Subtotal</i>		17						
<b>TOTAL.....</b>							<b>128 Credit Hours</b>	

*Our Lady of the Lake College assures equal opportunity for all qualified persons without regard to race, color, religion, sex, national origin, age, disability, marital status in the admission to, participation in, or employment of its program and activities. Our Lady of the Lake College will make reasonable special services and accommodations for students with learning or physical disabilities. Students desiring to self-identify may complete a Special Needs Assessment form available from any office at the college.*