UNIVERSITY OF CENTRAL FLORIDA
BURNETT COLLEGE OF BIOMEDICAL SCIENCES
MEDICAL LABORATORY SCIENCES PROGRAM

FACT SHEET

PROFESSION
The Medical Technologist/Clinical Laboratory Scientist is involved in medical diagnosis, medical treatment, laboratory management, research and education/training. The use of high thru-put automated analyzers and computers, microscopic analysis, DNA analysis in the examination of the body tissues and fluids is the primary responsibility of the medical technologist. The technologist must possess skills and demonstrate the ability to interpret quality control and patient data, problem solve, teach and manage in a laboratory setting.

The technologist is employed in hospital laboratories, private and governmental laboratories and clinics, public health and research laboratories, pharmaceutical firms and other laboratory related industries.

EDUCATION
High school students interested in Medical Laboratory Sciences are encouraged to take chemistry, algebra, trigonometry, and biology courses. Before applying to the professional phase of the Program, students should have all General Education courses complete or the equivalent of an AA degree. Courses in statistics, computer science and courses with laboratories in biology, chemistry, microbiology, anatomy and physiology are required prerequisites to be completed (see Course List).

UPPER DIVISION:
The last two years of sequential courses constitute the upper division portion of the Program. The size of the class to be selected in the Medical Laboratory Science Program is determined by the availability of space and equipment.

Admission to the University does NOT constitute admission to the upper division of the Medical Laboratory Science Program. A separate application must be submitted to the Medical Laboratory Science Program office. Priority will be given to applications received before March 1st. Applications will be accepted until the class is filled or the beginning of the Fall semester.

CLINICAL EXPERIENCE:
The clinical practical experiences will be ongoing through the senior year. The practical experience will include student laboratory sessions and rotations at the following facilities in and around Orlando: Central Florida Regional Sanford, FL; Flagler Hospital, St Augustine, FL; Florida Hospital Deland, Deland, FL; Florida Hospital Memorial Medical Center, Daytona, FL; Florida Hospital Waterman, Tavares, FL; Health Central, Ocoee, FL; Lakeland Regional Medical Center, Lakeland, FL; Osceola Regional Medical Center, Kissimmee, FL; Orlando Health Systems, Orlando, FL; Sunbelt Adventist/Florida Hospital System, Orlando, FL; VA Hospital, Gainesville, FL; VA Hospital, Orlando, FL; Winter Haven Hospital, Winter Haven, FL.

ADMISSION CRITERIA
An applicant must meet the following criteria to be considered for the upper division of the Program:

1. A minimum overall Grade Point Average of 2.5 on 4.0 point scale.
2. A minimum grade of “C” in all major and prerequisite courses.
3. 60 semester hours of appropriate course work.
4. A brief interview with the Medical Laboratory Sciences Faculty.

A minimum grade of “C” is required in all major courses and a 2.5 overall GPA for continuation in the Program and entrance into the clinical component.

The Degree in Medical Laboratory Sciences will be awarded upon satisfactory completion of the University’s didactic component and the clinical component in an affiliated hospital laboratory.

The Medical Laboratory Science Program is accredited by NAACLS (National Accrediting Agency for Clinical Laboratory Science), 8410 W. Bryn Mawr Ave, Suite 670, Chicago, Illinois 60631-3415, Tel. (773) 714-8880.

For additional information, please contact:
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