

**Board of Governors, State University System of Florida**  
 Limited Access Program Request  
 Reference: BOG Regulation 6.001, Admissions

<b>University:</b>	University of North Florida	<b>Degree(s) offered:</b>	Bachelor Science
<b>Program:</b>	Biology major: Medical Laboratory Sciences concentration	<b>Six digit CIP code:</b>	26.0101

**1. Will the entire program be limited access or only a specific track?**

Only a track.

**2. If only a track is limited access, please specify the name of the track**

The Medical Laboratory Sciences concentration of the Biology major.

**3. How many students will the program plan to accommodate?**

**Fall** 30                      **Spring** 0                      **Academic Year Total** 30

**4. When do you propose to initiate limited access?**

Fall 2012

**5. What is the justification for limiting access?**

Medical laboratory science is an attractive career for college graduates with science degrees. Over the past several decades, closure of medical laboratory science training programs combined with increased demand for trained personnel have resulted in a nationwide shortage of qualified medical technologists to staff clinical laboratories. Qualifications for national certification and state licensure as a Medical Laboratory Scientist (also referred to as Medical Technologist) in Florida requires completion of academic science credits from a regionally accredited college or university and completion of a clinical laboratory training program accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). A requirement of this training is two semesters in clinical rotations in area hospitals and health care facilities under the supervision of qualified experts in fields such as hematology, medical microbiology, phlebotomy, etc. The facilities, equipment, and personnel required to properly train these students is limited, and health care organizations with which we are affiliated can only accommodate a limited number of students at any given time. Listed below are the health care facilities that have made a commitment to train UNF MLS students and the number of students per year that they can accommodate.

<b>Clinical Affiliate</b>	<b>Student Spots</b>
Baptist Health Care	8
Mayo Clinic	6
Shands Jacksonville	6
St. Vincent's	2
Orange Park Medical Center	2

Department of Health State Lab	6
<b>Total</b>	<b>30</b>

Therefore, the total number of students that can be accommodated by area hospitals is 30 per year. Because this clinical experience is a requirement for licensure and completion of the program, we wish to limit access to the program to only those students that we are able to place in a clinical laboratory and thus successfully complete the program.

**6. By what means will access be limited? Please provide a description of the program's admissions requirements and procedures, and indicate how these requirements and procedures ensure equal access for Florida community college Associate of Arts degree graduates in the competition for available space in the program.**

Admission will be based on criteria listed below. Each of the four criteria will be scored using a rubric developed by the Program Director and the Biology faculty members. Each applicant will receive a composite score that is the sum of the scores for the four criteria. Admission into the program will be offered to the 30 students with the highest composite score. Applicants from the Florida State College System will have equal access to the program as the requirements will be clearly posted online and made available to internal and external advisors.

- 1) Minimum 2.75 GPA
- 2) Successful completion with a minimum grade of C of the following prerequisites:

BSCX010C General Biology I with lab  
 BSCX011C General Biology II with lab  
 MCB2010C Microbiology with lab,  
 BSCX085C Human Anatomy & Physiology I with lab  
 BSCX086C Human Anatomy & Physiology II with lab,  
 PCB3023C Molecular & Cellular Biology with lab,  
 CHMX045/CHMX045L General Chemistry I with lab  
 CHMX046/CHMX046L General Chemistry II with lab  
 CHMX210/CHMX210L Organic Chemistry I with lab  
 CHMX211/CHMX211L Organic Chemistry II with lab  
 STA2014 Elementary Statistics for Health and Social Sciences.

- 3) A personal statement describing career goals and laboratory experience
- 4) A group interview with the Program Director and another Biology faculty member

7. **Present the current race and gender profiles of the students in the program. Discuss the impact of the proposed action on the race and gender profiles. Cite sources used for discussion. What strategies, should they be necessary, will be used to promote diversity in the program?**

The figures below illustrate the gender and ethnic breakdown of the undergraduate Medical Laboratory Sciences program applicants.

The UNF Medical Laboratory Sciences program was approved through the University faculty governance process in fall 2011 with an implementation date of fall 2012. Therefore, the only data we have represent potential applicants. All students are female, and more than half (approximately 57%) of the students currently in the program are from minority populations. The proposed limited access is not anticipated to impact the current diversity as all of the current students met the criteria listed above, and other programs in the state with similar criteria to limit access have shown no significant change in race and gender profiles over the past several years.

Strategies to promote diversity include recruiting efforts (printed materials, presentations etc.) at high schools with high minority representation and Historically Black Colleges. The program will be promoted at the National Pan-Hellenic Council to attract African American males and females. We will also seek grant funding to develop an academy in laboratory science at the high school level in Duval and St. Johns county to attract minority students. Additionally, admission decisions will be based on academic grades rather than test scores, which may show racial, cultural, economic, and gender biases.

**Ethnicity of potential applicants as of February 2012**

Am. Indian	0%
Asian/PI	29%
Black	14%
Hispanic	14%
Nonres. Alien	0%
Not Reported	0%
White	43%
Total	100%

**Gender of potential applicants as of February 2012**

FEMALE	100%
MALE	0%
Total	100%

8. **Are the graduates of the program in high demand? If so, and if the program is to be limited due to lack of adequate resources, provide a justification for limiting access to the program rather than reallocating resources from programs with low market demand.**

Graduates of Medical Laboratory Sciences programs are in very high demand. It is estimated that there will be need for more than 10,000 additional medical technologists nationwide in the next decade. The genesis of this program was a result of the need and desire on the part of Jacksonville area health care facilities to have a local program that

would produce well-trained medical technologists. As a reflection of this need, three of these health care facilities, Baptist Health Care, Mayo Clinic Jacksonville, and Shands Jacksonville contributed funds to hire a Program Director for the MLS program.

The factor that limits the size of this program is the number of students that our clinical affiliates can accommodate rather than departmental or institutional resources. As a result, resources cannot be reallocated to address this limitation. We will pursue relationships with additional clinical affiliates to accommodate more students. As additional commitments are secured, we will be able to expand the program.

Request Initiated by:	
EEO Officer's Signature:	
Provost's Signature:	

Send the completed form to:

Dr. Dorothy J. Minear  
Sr. Associate Vice Chancellor, Academic and Student Affairs  
Board of Governors  
State University System of Florida  
325 West Gaines Street, Suite 1614  
Tallahassee, Florida 32399-1950