

Priority 4

EAST CAROLINA UNIVERSITY
UNC-GA Mission Review
Academic Program Development Form

COLLEGE/SCHOOL: School of Allied Health Sciences DEPARTMENT: Clinical Laboratory Science

API DISCIPLINE SPECIALTY TITLE: Medical Laboratory Technology

API DISCIPLINE SPECIALTY NUMBER: 1223

LEVEL: Bachelor Master 1st professional Doctoral

PROPOSED YEAR OF: Establishment 95 Deletion Redesign

DESCRIPTION OF PROGRAM AND RELATIONSHIP TO INSTITUTIONAL MISSION AND UNIT VISION:

See attached.

RATIONALE FOR PROGRAM ADDITION/DELETION/REDESIGN:

See attached.

DESCRIPTION OF PROGRAM AND RELATIONSHIP TO INSTITUTIONAL MISSION
AND UNIT VISION:

The Department of Clinical Laboratory Science would like to propose the development of an MS degree in Clinical Laboratory Science with tracks in management, education, and basic laboratory science. The curriculum would require a minimum of 30 semester hours of courses and the completion of a research thesis.

The curriculum would utilize courses currently available in the Schools of Allied Health Sciences, Education, Business, Medicine, and Arts & Sciences (Biology) as well as require the development of a few additional courses in Clinical Laboratory Science. Core courses to be taken by all students might include a laboratory management course, HPRO 5021, 5022 - (Biostatistics I & II,) and EDUC 6453-The Adult Learner.

Development of such a program would fulfill the University's stated mission of addressing the educational needs of the mid-Atlantic region and especially Eastern North Carolina since such a degree program is not available at any other institution in North Carolina. Currently, the only graduate programs which specifically offer advanced education in clinical laboratory science are in Richmond at the Medical College of Virginia or in Atlanta.

RATIONALE FOR PROGRAM ADDITION/DELETION/REDESIGN:

In order to facilitate their movement up the career ladder, many medical technologists seek advanced education. Because they may choose to move in a variety of directions such as laboratory management, technical supervision, or teaching in a clinical or community college setting, a degree program is needed which will provide advanced educational opportunities in each of these areas and is flexible enough to meet all of these needs. The only options at the Masters level available to medical technologists in Eastern North Carolina to fulfill these needs are:

1. The Masters in Public Administration offered by the Department of Political Science. This program offers an option in Community Health but no specific focus on the hospital or clinical setting.
2. Masters in Adult Education for those interested in teaching.
3. Masters of Business Administration in the School of Business.

None of these programs really suit the needs of clinical laboratory technologists.

An informal survey revealed that there are currently at least five technologists who are employed at Pitt County Memorial Hospital enrolled in various graduate programs. Two others have recently finished. Pitt County Memorial Hospital encourages participation in education by providing full tuition reimbursement for any course passed. Of our 207 graduates nearly 20% have sought advanced degrees, many of them doing so away from eastern North Carolina because no suitable graduate program was available. Since more than 50% of our graduates have remained in Eastern NC this number would undoubtedly be higher if an appropriate graduate program were available.

An additional reason for offering a masters degree is the strength of the clinical facilities and faculty available at Pitt County Memorial Hospital and the School of Medicine. Both the departments of Clinical Chemistry and Microbiology in the clinical laboratory at Pitt County Memorial Hospital employ PhD's who already have research laboratories. These laboratories would provide excellent opportunities for graduate students. Many other opportunities exist as well - both at Pitt County Memorial Hospital and the School of Medicine. Additionally, the presence of graduate students, additional doctoral trained faculty, and increased interaction with Pitt County Memorial Hospital and the School of Medicine would stimulate research production by our department.

In summary, this degree program would provide a needed educational opportunity for eastern North Carolina as well as stimulate growth and productivity in our department.

BUDGETARY IMPLICATIONS:

YEAR: 1995

Category	Reallocation of Unit Resources		Self-supporting funds (grants and contracts)		Additional Allocations		Total	
	A	B	A	B	A	B	A	B
Personnel								
Operating								
Library					0			
Computing					500			
Other					0			
Total								

YEAR:

Category	Reallocation of Unit Resources		Self-supporting funds (grants and contracts)		Additional Allocations		Total	
	A	B	A	B	A	B	A	B
Personnel								
Operating								
Library								
Computing								
Other								
Total								

YEAR:

Category	Reallocation of Unit Resources		Self-supporting funds (grants and contracts)		Additional Allocations		Total	
	A	B	A	B	A	B	A	B
Personnel								
Operating								
Library								
Computing								
Other								
Total								

Faculty Office
Staff Office

ENROLLMENT PROJECTIONS:

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Black					1	1	2	2	3	3
White					4	3	3	3	3	3
Other										
Total					5	4	5	5	6	6

Percent non-resident: _____

ADDITIONAL FACULTY AND STAFF REQUIREMENTS:

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Faculty				1						
Staff				.5						
Total				1.5	0	0	0	0	0	0

BUDGETARY IMPLICATIONS:

(A: Annual continuation dollars; B: One-time dollars)

YEAR: 1994

Category	Reallocation of Unit Resources		Self-supporting funds (grants and contracts)		Additional Allocations		Total	
	A	B	A	B	A	B	A	B
Personnel								
Operating					50,000			
Library					5,000			
Computing					0			
Other					0			
Total					0			

Revised 9/20/90