



**College of Health and Human Services
Bowling Green State University
419-372-8242**

PROGRAM CHECK SHEET: Bachelor of Science in Medical Laboratory Science
Total Hours Needed For Graduation: 122

NAME _____
last first middle

BG PERSPECTIVE REQUIREMENTS

CR.	GR.	SEM.	
3			GSW 1120
_____	_____	_____	_____

NATURAL SCIENCES (2 courses)

QUANTITATIVE LITERACY (1 course)

SOCIAL SCIENCES (2 courses)

HUMANITIES AND ARTS (2 courses)

CULTURAL DIVERSITY IN THE U.S. (1 course)

BG PERSPECTIVE ELECTIVE (1 course)

A course must meet International Perspective requirement from either category.

Met International Perspective requirement

Yes No

COMPUTATION AND MATH (2 COURSES)

3-5			MATH 1220** or 1280** or 1300**
3			MATH 1150** or STAT 2000**

* Will also meet Natural Science requirement

** Will also meet Quantitative Literacy requirement

Grade of "C" or better required in Math

S/U option not permitted in any of the BG Perspective courses.

DEGREE PROGRAM CORE COURSES (46-48 hours)
Grade of "C" or better required

CR.	GR.	SEM.	
5			CHEM 1250 General Chemistry *
5			CHEM 1270 & 1280 General Chemistry *
4-5			CHEM 3060 Organic Chemistry or
			CHEM 3410 Organic Chemistry
4-5			CHEM 3080 & 3090 BioChemistry or
			CHEM 3440& 3460 Org Chem/Lab
5			BIOL 2050 General Biology *
4			BIOL 3130 Microbiology
4			BIOL 3320 Anat & Phys
3			BIOL 4080 Molecular Biology or
			BIOL 4210 Molecular Biotechnology
2			MLS 2010 Orient to MT
3			AHS 4010 Issues Health Care
4			MLS 4110 & 4120 Diagnostic Immun
3			MLS 4340 Clinical Parasitology

ELECTIVE COURSES (4-16)HRS

Recommended Electives: BIOL 3310, 3500, 4050, 4070, 4260, 4380, 4390, 4490: ENVH 4070, 4490: CHEM 2010: MATH 1310: PHYS 2010, 2020: PUBH 3010, 3200, 3300, 3400

Students who enter the degree program as freshman should complete this side of the check sheet in 6 semesters (3 yrs). The senior year is comprised of 13-months of full-time study which includes a clinical practicum. Students who transfer from another university or from another degree program may require more time in order to complete the pre-professional portion.

The Department Chair must give approval for a student to accept a position in a program other than the BGSU University – Based Program. The student can then register for the MLS 4000 level courses to be conducted at the hospital – based program (See Hospital Based Requirements below).

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Application for professional portion (end of Junior year) date applied:
 _____ to Department Chair.

Admission: _____ Conditional Admission: _____

Alternate Admission: _____ Not admitted: _____

GPA after Junior Year must be 2.5 to apply for Clinical Laboratory Studies.

UNIVERSITY BASED PROGRAM REQUIREMENTS (48-50 credits)

4	MLS	4130	Immunochemistry I
2	MLS	4140	Immunochemistry I Lab
3	MLS	4150	Immunochemistry II
2	MLS	4160	Clinical Immunology II
3	MLS	4210	Hematology I
2	MLS	4220	Hematology I Lab (or 2220 + 4600)
2	MLS	4230	Hematology II
3	MLS	4240	Hematology III
3	MLS	4310	Clinical Bacteriology I
2	MLS	4320	Clinical Bacteriology I Lab
4	MLS	4330	Clinical Bacteriology II
2	MLS	4350	Clinical Mycology
1	MLS	4360	Clinical Virology
4	MLS	4410	Clinical Chemistry I
2	MLS	4420	Clinical Chemistry I Lab
5	MLS	4430	Clinical Chemistry II
2	MLS	4510	Analysis of Body Fluid (or 2510 + 4600)
1	MLS	4650	Clinical Studies
1-3	MLS	4800	Introduction to Clinical Research

ELECTIVE

1-3	MLS	4700	Research & Special Topics
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HOSPITAL BASED PROGRAM REQUIREMENTS (34-36 credits)

1	MLS	4020	Orientation and Management
9	MLS	4030	Applied Clinical Microbiology
2	MLS	4040	Clinical Serology
5	MLS	4050	Applied Clinical Hematology
11	MLS	4060	Applied Clinical Chemistry
5	MLS	4070	Blood Bank
1-3	MLS	4700	Research & Special Topics