

<b>BS Medical Laboratory Sciences</b> <b>126 Credits Required</b>
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It is the responsibility of the student to meet all of their major and liberal arts course requirements of the University.

### CORE REQUIREMENTS (37 - 40)

	*UNIV 100 Living Resp. (1) (F)	Religious Studies 112 (3)	Philosophy 113 (3)
	ENGL 160 Writing Skills (3) (C>)	*Religious Studies 100 or above (3)	*Philosophy 100 or above (3)
	English 180 (3) World Lit	*Social Science _____ (3)	History (global) _____ (3)
	English 300 or above (3)	Foreign Language _____ (3)	History _____ (3)
	Fine Arts _____ (3)	*Foreign Language _____ (3) or Elective	

\*Transfer students are exempt from UNIV 100

\* Social Sciences e.g. Psychology 211, Economics, Sociology, Political Science, Anthropology, Criminology or any other social science course.

\*If a student has completed 4 years of the same foreign language in high school, **that student can choose to take just one, three-credit course** to satisfy the foreign language requirement. That course however, **must be above the 212 level.**

### MAJOR REQUIREMENTS

#### Required for all Med Lab Science Majors (35+ \*30)

BIOL 150+L	General Biology I (4) (F) (SI) (C>)
BIOL 151+L	General Biology II (4) (S) (SII)
BIOL 235+L	General Microbiology (4) (F)
BIOL 332+L	Immunology (4) (S)
CHEM 131+L	General Chemistry I (4) (F) (SI) (SII) (C>)
CHEM 132+L	General Chemistry II (4) (S) (SII)
CHEM 221+L	Organic Chemistry I (4) (F)
CHEM 222+L	Organic Chemistry II (4) (S)
MATH 155	Statistics for the Bhvl & So Sci (3) (F/S) (SI)

#### Additional Electives (21 - 24)

BIOL 121+L	Anatomy and Physiology (4) (F) (SI)
BIOL 122+L	Anatomy and Physiology (4) (S) (SII)
BIOL 201+L	Human Gross anatomy (4) (F)
BIOL 202+L	Human Physiology (4) (S)
BIOL 421+L	Biochemistry I (4) (F)
BIOL 422	Biochemistry II (3) (S)
BIOL 440+L	Molecular and Cellular Biology (4) (S)
BIOL 446+L	Genetics (4) (F)
CHEM 313	Elements in Medicinal CHEM (3) (S)
CHEM 398	Chemical Analysis (3)
PHYS 303+L	General Physics I (4) (F)
PHYS 304+L	General Physics II (4) (S)
BIOL 498	Biology Internship (1, 2 or 3) (F/S)
BIOL 499	Independent Study (1, 2 or 3) (F/S)
CHEM 499	Independent Study (1, 2 or 3) (F/S)

**These MLS programs require a minimum QPA of 2.50  
to apply to the program.**

<b>DEAN 050</b>	<b>Students must register in the Spring prior to expected graduation</b>
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(F = Fall Semester)      (S = Spring Semester)      (F/S = Fall or Spring Semester)      (SI = Summer Session I)      (SII = Summer Session II)  
(C> = Needs a C or better)

\* 30 credits from either RPH or NYMH will be transferred from the 4<sup>th</sup> year of study back to Marywood towards graduation requirements.

- ✓ A minimum of 90 credits is required prior to entrance to Robert Packer Hospital (RPH) or New York Methodist Hospital (NYMH), both programs of which Marywood has an articulation agreement.
- ✓ Prior to the start of the 4<sup>th</sup> year program at RPH or NYMH, student must fill out a leave of absence form obtained from the Registrar's office.
- ✓ The student must complete the proper transfer of credit forms each trimester prior to commencement.
- ✓ Students are eligible to earn the B.S. degree in MLS following successful completion of a minimum of 30 credits from the clinical program.