

Sample Schedule MLAB B.S. 2023-2024

The Medical Laboratory Science major satisfies REAL R and L. Minors or coursework in E and A are needed.

Fall Semester		Spring Semester	
Freshman Year	Cr.	Freshman Year	Cr.
ENGL 111	3	ENGL 112	3
BIOL 132	4	BIOL 231	4
CHEM 111	4	CHEM 112	4
MATH 168	3	PHIL 112	3
BIOL 160	1		
	15		14
Sophomore Year	Cr.	Sophomore Year	Cr.
300-400 Writing Intensive or ENGL 306	3	HSCI 300	3
CHEM 301	4	STAT 200 or STAT 219	3
PSYC 121	3	Free Elective	3
REAL Elective	3	REAL Elective	3
Free Elective (optional)	3	REAL Elective	3
	16		15
Junior Year	Cr.	Junior Year	Cr.
BIOL 334 or 408 Microbiology	4	Immunology	3-4
BIOL 310 Human Anatomy & Physiology I or BIOL 350 Comparative Anatomy	4	BIOL 311 Human Anatomy & Physiology II or BIOL 351 Comparative Animal Physiology	4
REAL Elective	3	REAL Elective	3
REAL Elective	3	REAL Elective	3
	14		13-14
Senior Year*	Cr.	Senior Year*	Cr.
MLAB 401	14	MLAB 411	14
MLAB 421C	4	MLAB 431C	4
	18		18

*Senior year is based out of Radford University Carilion in Roanoke. Clinical rotations may be assigned at any of our clinical affiliates, all within 100 miles of the Roanoke Carilion University campus.

Recommended REAL Minors for Biomedical Sciences Majors:

E minor: ENGL 112, PHIL 112, 9 credits E-courses (3 cr. at 300-400 level)

A minor: PSYC 121, 12 credits of A-designated courses (3 cr. 300-400 level)

[Social Justice Minor \(E, A\)](#)

[International Studies Minor \(E, A\)](#)

[Culture Studies Minor \(E, A\)](#)

[Interdisciplinary Minor in Health and Aging \(E, A\)](#)

[Global Perspectives Minor \(A\)](#)

[Women's and Gender Studies Minor \(A\)](#)

[Public Health Minor \(A\)](#)

[Sport Management Minor \(A\)](#)

[Criminal Justice Minor \(A, L\)](#)

[Anthropological Sciences Minor \(R, A\)](#)

[Ethics Minor \(E\)](#)

[GIS, Remote Sensing, and Visualization Minor \(E\)](#)

[Health Humanities Minor \(E\)](#)

[Honors Minor Humanistic or Artistic Expression \(E\)](#)

[Professional Writing Minor \(E\)](#)

[Wicked Problems Minor \(E, L\)](#)

[Science Communication \(R, E\)](#)

[Science and Values \(R, E\)](#)