

University Of Wisconsin Oshkosh Medical Laboratory Science

Sample Program

All of the courses listed specifically by title and number are required for Medical Laboratory Science majors.

* Highly Recommended

USP/BS = University Studies Program or Bachelor of Science Requirement

First Year

<u>FALL SEMESTER</u>	<u>Credits</u>	<u>SPRING SEMESTER</u>	<u>Credits</u>
<u>Coursework</u>		<u>Coursework</u>	
General Chemistry (Chem 105)	5	General Chemistry (Chem 106)	5
Biological Concepts Unity (Bio 105)	4	Intro Molecular & Cell Biology (Bio 323)	3
Mathematics	3-4	Mathematics	0-2
Quest I – unpaired	3	Quest II– co-req with WRT 188 or COMM 111	6
Intro Medical Technology (Med Tech 100)	1	Elective from USP/BS	3
TOTAL	16	TOTAL	17

Sophomore Year

<u>FALL SEMESTER</u>	<u>Credits</u>	<u>SPRING SEMESTER</u>	<u>Credits</u>
<u>Coursework</u>		<u>Coursework</u>	
Organic Chemistry (Chem 235)	3	Organic Chemistry (Chem 335)	3
Organic Chemistry Lab (Chem 234)	1	Organic Chemistry Lab (Chem 334)	1
Microbiology (Bio 309)	5	General Animal Physiology (Bio 319)	5
*Statistics (Math 201) (or other mathematics)	3	*Medical Mycology (Bio 250)	2
Quest III or Elective from USP/BS	3	Quest III or Connect (WRT 288/287)	3
Elective from USP/BS	3	Elective from USP/BS	3
TOTAL	18	TOTAL	17

Junior Year

<u>FALL SEMESTER</u>	<u>Credits</u>	<u>SPRING SEMESTER</u>	<u>Credits</u>
<u>Coursework</u>		<u>Coursework</u>	
Biochemistry I: Clinical Emphases (Chem 303)	3	Intro to Instrumental Analysis (Chem 320)	3
Biochemistry I: Clinical Emphases Lab (Chem 304)	1	Medical Bacteriology (Bio 312)	2
Immunology (Bio 341)	3	Medical Bacteriology Lab (Bio 313)	2
* Cell/Immunology Lab (Bio 374)	3	Intro to Hematology (Bio 344)	3
Elective from USP/BS or Connect (WRT 288/287)	3	Quest III or Connect (WRT 288/287)	3
Elective from USP/BS	3	Elective from USP/BS	3
TOTAL	16	TOTAL	16

-----Summer Session-----

CLINICAL INTERNSHIP BEGINS

-- see reverse side --

[revised 9/22]

CLINICAL INTERNSHIP Two Options

OPTION 1

For students interning at hospitals with a "3+9"

Internship Program:

- Ascension St. Elizabeth Hospital
Appleton, WI
- Marshfield Labs/Marshfield Clinic Health System
Marshfield, WI
- Aspirus Hospital
Wausau, WI

SUMMER

<u>Coursework</u>	<u>Credits</u>
** Clinical Parasitology (Med Tech 422)	1
** Immunohematology (Med Tech 402)	1
** Introduction to Urinalysis (Med Tech 420)	1
TOTAL	3

*** Courses taken at UW Oshkosh, Oshkosh Campus*

Senior Year

FALL SEMESTER

<u>Coursework</u>	<u>Credits</u>
Microbiology I (Med Tech 403)	3
Hematology I (Med Tech 411)	4
Blood Bank I (Med Tech 413)	1
Urinalysis (Med Tech 421)	1
Mycology (Med Tech 423)	1
Chemistry I (Med Tech 431)	5
TOTAL	15

SPRING SEMESTER

<u>Coursework</u>	<u>Credits</u>
Microbiology II (Med Tech 404)	3
Hematology II (Med Tech 412)	3
Blood Bank II (Med Tech 414)	2
Immunology & Serology (Med Tech 416)	3
Chemistry II (Med Tech 432)	5
TOTAL	16

OPTION 2

For students interning at:

- Zablocki Veteran's Affairs Medical Center
Milwaukee, WI
- Edward Hines Jr. Veteran's Affairs Hospital
Chicago, IL
- St. Luke's Hospital,
Kansas City, MO

SUMMER

<u>Coursework</u>	<u>Credits</u>
*** Clinical Parasitology (Med Tech 422)	1
Clinical Mycology (Med Tech 423)	1
TOTAL	2

**** ZVAMC recommends UW Oshkosh's parasitology course over their internship parasitology course*

Senior Year

FALL SEMESTER

<u>Coursework</u>	<u>Credits</u>
Microbiology I (Med Tech 403)	3
Hematology I (Med Tech 411)	4 (5)
Blood Bank I (Med Tech 413)	2
Urinalysis (Med Tech 421)	2
Chemistry I (Med Tech 431)	5
TOTAL	16 (17)

SPRING SEMESTER

<u>Coursework</u>	<u>Credits</u>
Microbiology II (Med Tech 404)	3 (2)
Hematology II (Med Tech 412)	3 (2)
Blood Bank II (Med Tech 414)	2
Immunology & Serology (Med Tech 416)	3
Chemistry II (Med Tech 432)	5 (3)
Selected Topics in Medical Technology (Med Tech 351)	1
TOTAL	17 (13)