





This graduation plan illustrates the type of curriculum a new student would take to complete a degree in four years. It is not meant to serve as an official document. Students should contact The School of Health Sciences and Wellness Student Success Center to develop a personalized plan of study. Refer to the University Catalog for a complete list of requirements: <https://catalog.uwsp.edu/>.

<b>Semester 1</b>	<b>Credits</b>	<b>Semester 2</b>	<b>Credits</b>
GEP Critical Thinking (CT)	3	BIOL 101 – General Biology (NS)	5
ENGL 101 – Freshman English (WC)	3	CHEM 106 – Fundamental Chemistry	5
CHEM 105 – Fundamental Chemistry (NS)	5	HSW 104 – Medical Terminology	3
MLS 125 – Introduction to Clinical Laboratory Science	2	ENGL 202 – Sophomore English (WC)	3
SOC 101 – Introduction to Sociology (SS, USD)	3	GEP Wellness (WLN)	1
<i>Total credits</i>	<b>16</b>	<i>Total credits</i>	<b>17</b>

<b>Semester 3</b>	<b>Credits</b>	<b>Semester 4*</b>	<b>Credits</b>
CHEM 248 – Quantitative Analysis	4	CHEM 325 – Organic Chemistry I	4
BIOL 210 – Principles of Genetics	3	GEP Humanities (HU)	3
BIOL 333 – General Microbiology	4	HSW 301 – Fundamentals of Biostatistics (QL)	3
GEP Art (ART)	3	GEP Environmental Responsibility	3
<i>Total credits</i>	<b>14</b>	BIOL 385 - Human Physiology	4
		<i>Total credits</i>	<b>17</b>

<b>Semester 5</b>	<b>Credits</b>	<b>Semester 6</b>	<b>Credits</b>
HSW 360 – Research Design & Methods	3	CHEM □ Biochemistry	4
CHEM 326 – Organic Chemistry II	4	MLS 415 – Hematology - <i>Sp only</i>	4
MLS 405 – Clinical Chemistry - <i>Fa only</i>	5	MLS 414 – Hemostasis - <i>Sp only</i>	1
MLS 427 – Diagnostic Medical Parasitology - <i>Fa only</i>	1	MLS 425 – Diagnostic Medical Microbiology - <i>Sp only</i>	5
MLS 428 – Medical Mycology - <i>Fa only</i>	1	GEP Historical Perspective and Global Awareness	3
MLS 435 – Immunology - <i>Fa only</i>	3	<i>Total credits</i>	<b>17</b>
<i>Total credits</i>	<b>17</b>		

<b>Summer</b>	<b>Credits</b>
MLS 365 – Body Fluid Analysis – <i>Su only</i>	2
MLS 445 – Immunohematology – <i>Su only</i>	4
MLS 465 – Molecular Pathology – <i>Su only</i>	3
HSW 385 – Leadership Development	3
<i>Total credits</i>	<b>12</b>

**Senior Clinical Practicum**

<b>Semester 7</b>	<b>Credits</b>	<b>Semester 8</b>	<b>Credits</b>
MLS 406 – Clinical Chemistry Practicum	4	MLS 416 – Clinical Hematology/Hemostasis Practicum	4
MLS 426 – Diagnostic Microbiology Practicum	5	446 – Clinical Immunohematology Practicum	3
MLS 436 – Clinical Immunology Practicum	2	MLS 486 – Management and Laboratory Information Systems	2
MLS 476 – Clinical Body Fluid Analysis	1	MLS 499 – Advanced Clinical Studies	3
<i>Total credits</i>	<b>12</b>	<i>Total credits</i>	<b>12</b>
		<i>Total credits</i>	<b>134</b>

\*Eligibility to enter the Professional Program in Clinical Laboratory Studies is determined in the 4<sup>th</sup> semester. Minimum GPA of 2.75 overall and in the sciences is required.

(Fa) = offered fall semesters (Sp) = offered spring semesters (Su) = offered only in summer

General Education Program (GEP) category abbreviations: Arts (ART), Critical Thinking(CT), Environmental Responsibility (ER), Global Awareness (GA), Historical Perspectives (HP), Humanities (HU), Natural Sciences (NS), Quantitative Literacy (QL), Social Sciences (SS), U.S. Diveristy (USD), Wellness (WLN), Written Communication (WC).

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ENGL 101 - Freshman English (WC)	3	BIOL 101 - General Biology	5
CHEM 105 - Fundamental Chemistry	5	CHEM 106 - Fundamental Chemistry	5
MLS 125 - Introduction to Clinical Laboratory Science	2	GEP Critical Thinking (CT)	3
SOC 101 - Introduction to Sociology (SS, USD) HSW	3	GEP Historical Perspective and Global Awareness (HP/GA)	3
100 Student Success in Health Professions -GEP	1		
Wellness (WLN)	1		
<b>Total credits</b>	<b>15</b>	<b>Total credits</b>	<b>16</b>
<b>Semester 3</b>	<b>Credits</b>	<b>Semester 4*</b>	<b>Credits</b>
GEP Humanities (HU)	3	BIOL 387 - Human Anatomy	4
BIOL 385 - Human Physiology	4	BIOL 210 - Principles of Genetics	3
HSW 104 - Medical Terminology	3	HSW 301 - Fundamentals of Biostatistics (QL)	3
BIOL 333 - General Microbiology	4	GEP Art (ART)	3
		ENGL 202 - Sophomore English (WC)	3
<b>Total credits</b>	<b>14</b>	<b>Total credits</b>	<b>16</b>
<b>Semester 5</b>	<b>Credits</b>	<b>Semester 6 - Submit application to Marshfield Clinic Practicum</b>	<b>Credits</b>
BIOL 314 - Cell Biology	4	MLS 425 - Diagnostic Medical Microbiology - <i>Sp only</i>	5
HSW 385 - Leadership Development	3	HSW 360 - Research Design & Methods	3
MLS 427 - Diagnostic Medical Parasitology - <i>Fa only</i>	1	GEP Environmental Responsibility (ER)	3
MLS 428 - Medical Mycology - <i>Fa only</i>	1	MLS 415 – Hematology - <i>Sp only</i>	4
MLS 435 – Immunology - <i>Fa only</i>	3		
GEP Humanities (HU)	3		
<b>Total credits</b>	<b>15</b>	<b>Total credits</b>	<b>15</b>
<b>Senior Clinical Practicum at Marshfield Clinic</b>		<b>Summer</b>	<b>Credits</b>
<b>Semester 7</b>	<b>Credits</b>	MLS 365 - Body Fluid Analysis – <i>Su only</i>	2
MLS 409 – Immunohistochemistry	3	MLS 465 - Molecular Pathology – <i>Su only (Suggested if credits needed)</i>	3
MLS 410 - Histology Techniques I	3	<b>Total credits</b>	<b>5</b>
MLS 412 - Histology Instrumentation	3	<b>Senior Clinical Practicum at Marshfield Clinic</b>	
MLS 421 - Frozen Sections and Cytology Preparation	3	<b>Semester</b>	<b>Credits</b>
<b>Total credits</b>	<b>12</b>	MLS 402 – Microscopy	1
		MLS 411 - Histology Techniques II	3
		MLS 420 - Special Stains	6
		MLS 488 - Methodologies in Histology Education	1
		MLS 491 - Management in Histology	1
		<b>Total credits</b>	<b>12</b>
		<b>Total credits</b>	<b>120</b>

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<b>Semester 1</b>	<b>Credits</b>	<b>Semester 2</b>	<b>Credits</b>
ENGL 101 - Freshman English (WC)	3	BIOL 101 - General Biology	5
CHEM 105 - Fundamental Chemistry	5	CHEM 106 - Fundamental Chemistry	5
MLS 125 - Introduction to Clinical Laboratory Science	2	GEP Critical Thinking (CT)	3
SOC 101 - Introduction to Sociology (SS and USD)	3	GEP Historical Perspective and Global Awareness (HP/GA)	3
GEP Wellness (WLN)	1		
HSW 100 Student Success in Health Professions	1		
<b>Total credits</b>	<b>15</b>	<b>Total credits</b>	<b>16</b>
<b>Semester 3</b>	<b>Credits</b>	<b>Semester 4*</b>	<b>Credits</b>
BIOL 333 - General Microbiology	4	BIOL 387 - Human Anatomy	4
BIOL 385 - Human Physiology	4	BIOL 210 - Principles of Genetics	3
HSW 104 - Medical Terminology	3	HSW 301 - Fundamentals of Biostatistics (QL)	3
ENGL 202 - Sophomore English (WC)	3	GEP Art (ART)	3
<b>Total credits</b>	<b>14</b>	<b>Total credits</b>	<b>13</b>
<b>Semester 5</b>	<b>Credits</b>	<b>Semester 6 - Submit application to UW-Madison Practicum</b>	<b>Credits</b>
BIOL 314 - Cell Biology	4	MLS 425 - Diagnostic Medical Microbiology - <i>Sp only</i>	5
HSW 385 - Leadership Development	3	MLS 399 - Special Work - <i>Sp only</i>	2
GEP Humanities (HU)	3	GEP Environmental Responsibility (ER)	3
MLS 427 - Diagnostic Medical Parasitology - <i>Fa only</i>	1	HSW 360 - Research Design & Methods	3
MLS 428 - Medical Mycology - <i>Fa only</i>	1	MLS 415 - Hematology - <i>Sp only</i>	4
MLS 435 - Immunology - <i>Fa only</i>	3		
<b>Total credits</b>	<b>16</b>	<b>Total credits</b>	<b>16</b>
		<b>Summer</b>	<b>Credits</b>
		MLS 365 - Body Fluid Analysis - <i>Su only</i>	2
		MLS 465 - Molecular Pathology - <i>Su only</i> (Suggested if credits needed)	3
		<b>Total credits</b>	<b>5</b>
<b>Senior Clinical Practicum at UW-Madison</b>		<b>Senior Clinical Practicum at UW-Madison Semester 8</b>	<b>Credits</b>
<b>Semester 7</b>	<b>Credits</b>	MLS 401 - Cytologic Techniques II	
MLS 400 - Cytologic Techniques I	3	MLS 470 - GI Tract Cytology	3
MLS 468 - Gynecologic Cytology	6	MLS 471 - Urinary Tract Cytology	3
MLS 469 - Pulmonary Cytology	3	MLS 479 - Body Fluid Cytology	2
MLS 489 - Methodologies in Cytology Education	1	MLS 480 - Aspiration Cytology	2
<b>Total credits</b>	<b>13</b>	MLS 490 - Management in Cytology	2
			1
		<b>Total credits</b>	<b>13</b>
		<b>Total credits</b>	<b>121</b>

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