



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/>.

Semester 1	Credits	Semester 2	Credits
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
CLS 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>	16	<i>Total credits</i>	17

Semester 3	Credits	Semester 4*	Credits
CHEM 248 – Quantitative Analysis	4	CHEM 325 – Organic Chemistry I	4
BIOL 385 – Human Physiology	4	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>	15	<i>Total credits</i>	16

Semester 5	Credits	Semester 6	Credits
HSW 360 – Research Design & Methods	3	CHEM 365 – Biochemistry	4
CHEM 326 – Organic Chemistry II	4	CLS 415 – Hematology - <i>Sp only</i>	4
CLS 405 – Clinical Chemistry - <i>Fa only</i>	5	CLS 414 – Hemostasis - <i>Sp only</i>	1
CLS 427 – Diagnostic Medical Parasitology - <i>Fa only</i>	1	CLS 425 – Diagnostic Medical Microbiology - <i>Sp only</i>	5
CLS 428 – Medical Mycology - <i>Fa only</i>	1	GEP Historical Perspective and Global Awareness	3
CLS 435 – Immunology - <i>Fa only</i>	3	<i>Total credits</i>	17
<i>Total credits</i>	17		

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

Senior Clinical Practicum

Semester 7	Credits	Semester 8	Credits
CLS 406 – Clinical Chemistry Practicum	4	CLS 416 – Clinical Hematology/Hemostasis Practicum	4
CLS 426 – Diagnostic Microbiology Practicum	5	CLS 446 – Clinical Immunohematology Practicum	3
CLS 436 – Clinical Immunology Practicum	2	CLS 486 – Management and Laboratory Information Systems	2
CLS 476 – Clinical Body Fluid Analysis	1	CLS 499 – Advanced Clinical Studies	3
<i>Total credits</i>	12	<i>Total credits</i>	12
		Total credits	126

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

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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. Diversity (USD), Wellness (WLN), Written Communication (WC).

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Semester 1	Credits	Semester 2	Credits
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
CLS 125 - Introduction to Clinical Laboratory Science	2	ENGL 202 - Sophomore English (WC)	3
SOC 101 - Introduction to Sociology (SS, USD)	3		
<i>Total credits</i>	16	<i>Total credits</i>	16

Semester 3	Credits	Semester 4*	Credits
CHEM 221/222 – Survey of Organic Chemistry and Lab	4	CHEM 260 – Survey of Biochemistry Chemistry	4
BIOL 385 - Human Physiology	4	BIOL 210 – Principles of Genetics	3
BIOL 333 – General Microbiology	4	HSW 301 - Fundamentals of Biostatistics (QL)	3
GEP Wellness (WLN)	1	GEP Humanities (HU)	3
		GEP Historical Perspective & Global Awareness (HP/GA)	3
<i>Total credits</i>	13	<i>Total credits</i>	16

Semester 5	Credits	Semester 6	Credits
GEP Environmental Responsibility (ER)	3	CLS 415 - Hematology - <i>Sp only</i>	4
HSW 360 - Research Design & Methods	3	CLS 414 - Hemostasis – <i>Sp only</i>	1
CLS 405 – Clinical Chemistry - <i>Fa only</i>	5	CLS 425 - Diagnostic Medical Microbiology - <i>Sp only</i>	5
CLS 427 - Diagnostic Medical Parasitology - <i>Fa only</i>	1	HSW 385 - Leadership Development	3
CLS 428 - Medical Mycology - <i>Fa only</i>	1	GEP Art (ART)	3
CLS 435 - Immunology - <i>Fa only</i>	3		
<i>Total credits</i>	16	<i>Total credits</i>	16

Summer	Credits
CLS 365 - Body Fluid Analysis – <i>Su only</i>	2
CLS 445 – Immunohematology – <i>Su only</i>	4
CLS 465 - Molecular Pathology – <i>Su only</i>	3
<i>Total credits</i>	9

Senior Clinical Practicum

Semester 7	Credits	Semester 8	Credits
CLS 406 - Clinical Chemistry Practicum	4	CLS 416 - Clinical Hematology/Hemostasis Practicum	4
CLS 426 - Diagnostic Microbiology Practicum	5	CLS 446 - Clinical Immunohematology Practicum	3
CLS 436 - Clinical Immunology Practicum	2	CLS 486 – Management/Laboratory Information Systems	2
CLS 476 - Clinical Body Fluid Analysis	1	CLS 499 - Advanced Clinical Studies	3
<i>Total credits</i>	12	<i>Total credits</i>	12
		<i>Total credits</i>	126

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Semester 1	Credits	Semester 2	Credits
GEP Critical Thinking (CT)	3	BIOL 101 - General Biology	5
CHEM 105 - Fundamental Chemistry	5	CHEM 106 - Fundamental Chemistry	5
CLS 125 - Introduction to Clinical Laboratory Science	2	ENGL 101 - Freshman English (WC)	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		
Total credits	15	Total credits	16
Semester 3	Credits	Semester 4*	Credits
BIOL 333 - Principles of Genetics 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
Total credits	14	Total credits	13
Semester 5	Credits	Semester 6	Credits
BIOL 314 - Cell Biology	4	CLS 425 - Diagnostic Medical Microbiology <i>-Sp only</i>	5
HSW 385 - Leadership Development	3	CLS 399 - Special Work <i>-Sp only</i>	2
CLS 415 - Hematology <i>-Fa only</i>	4	GEP Environmental Responsibility (ER)	3
CLS 427 - Diagnostic Medical Parasitology <i>-Fa only</i>	1	HSW 360 - Research Design & Methods	3
CLS 428 - Medical Mycology <i>-Fa only</i>	1	GEP Humanities (HU)	3
CLS 435 - Immunology <i>-Fa only</i>	3		
Total credits	16	Total credits	16
Senior Clinical Practicum		Summer	Credits
Semester 7	Credits	CLS 365 - Body Fluid Analysis <i>-Su only</i>	2
CLS 400 - Cytologic Techniques I	3	CLS 465 - Molecular Pathology <i>-Su only</i>	3
CLS 468 - Gynecologic Cytology	6	Total credits	5
CLS 469 - Pulmonary Cytology	3	Semester 8	Credits
CLS 489 - Methodologies in Cytology Education	1	CLS 401 - Cytologic Techniques II	3
Total credits	13	CLS 470 - GI Tract Cytology	3
		CLS 471 - Urinary Tract Cytology	2
		CLS 479 - Body Fluid Cytology	2
		CLS 480 - Aspiration Cytology	2
		CLS 490 - Management in Cytology	1
		Total credits	13
		Total credits	121

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Semester 1	Credits	Semester 2	Credits
GEP Critical Thinking (CT)	3	BIOL 101 - General Biology	5
CHEM 105 - Fundamental Chemistry	5	CHEM 106 - Fundamental Chemistry	5
CLS 125 - Introduction to Clinical Laboratory Science	2	ENGL 101 - Freshman English (WC)	3
SOC 101 - Introduction to Sociology (SS, USD)	3	GEP Historical Perspective and Global Awareness (HP/GA)	3
HSW 100 Student Success in Health Professions	1		
GEP Wellness (WLN)	1		
	Total credits	Total credits	16
	15		
Semester 3	Credits	Semester 4*	Credits
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
	Total credits	Total credits	16
	14		
Semester 5	Credits	Semester 6	Credits
BIOL 314 - Cell Biology	4	CLS 425 - Diagnostic Medical Microbiology - <i>Sp only</i>	5
CLS 415 – Hematology - <i>Fa only</i>	4	HSW 385 - Leadership Development	3
CLS 427 - Diagnostic Medical Parasitology - <i>Fa only</i>	1	GEP Environmental Responsibility (ER)	3
CLS 428 - Medical Mycology - <i>Fa only</i>	1	HSW 360 - Research Design & Methods	3
CLS 435 – Immunology - <i>Fa only</i>	3	GEP Humanities (HU)	3
CLS 499 – Advanced Clinical Studies	3		
	Total credits	Total credits	17
	16		
		Summer	Credits
		CLS 365 - Body Fluid Analysis – <i>Su only</i>	2
		CLS 465 - Molecular Pathology – <i>Su only</i>	3
		Total credits	5
Senior Clinical Practicum			
Semester 7	Credits	Semester 8	Credits
CLS 409 – Immunohistochemistry	3	CLS 402 – Microscopy	1
CLS 410 - Histology Techniques I	3	CLS 411 - Histology Techniques II	3
CLS 412 - Histology Instrumentation	3	CLS 420 - Special Stains	6
CLS 421 - Frozen Sections and Cytology Preparation	3	CLS 488 - Methodologies in Histology Education	1
		CLS 491 - Management in Histology	1
	Total credits	Total credits	12
	12		
		Total credits	122

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