



## Bachelor of Science (BS) in Medical Laboratory Science with AS in Biology - CWI Pathway

Fall - Semester One (CWI)		
Cred	CWI	ISU equivalent
3	MATH 153	MATH 1153 Stats
4	BIOL 111 & L	BIOL 1101/L
3	ENGL 101	ENGL 1101
3	GEM 5	GenEd Obj 4
<b>13</b>		

Spring - Semester Two (CWI)		
Cred	CWI	ISU equivalent
3	MATH 143	MATH 1143 Col Alg
4	BIOL 112 & L	BIOL 1101/L
4	CHEM 101 & L	CHEM 1101
3	ENGL 102	ENGL 1102
<b>14</b>		

Fall - Semester Three (CWI)		
Cred	CWI	ISU equivalent
4	CHEM 111 & L	CHEM 1111/L Gen Chem 1
4	BIOL 227 & L	BIOL 2227/L Anat & Phys 1
3	COMM 101	COMM 1101
3	PSYC 101	PSYC 1101
<b>14</b>		

Spring - Semester Four (CWI)		
Cred	CWI	ISU equivalent
5	CHEM 112 & L	CHEM 1112/L
4	BIOL 228 & L	BIOL 2228/L A & P 2
3	HLTH 280 Global Health	Gen Ed Obj 9
4	MMBS 111 & L	BIOL 2233/L Microbio
<b>16</b>		

Fall - Semester Five (CWI)		
Cred	CWI	ISU equivalent
5	CHEM 298 & L	CHEM 3301/L O-Chem I
4	MMBS 260 & L	BIOL 2206 Cell Bio
3	SCIE 102	GenEd Obj 6
3	MMBS 106	ISU GenEd Obj 7/8
<b>15</b>		

Spring - Semester Six (CWI)		
Cred	CWI	ISU equivalent
4	MMBS 280 & L	BIOL 3358 Genetics
4	BIOL 280 Pathophys	BIOL 2229 Pathobio
4	BIOL 113 & Lab	For AS BIOL degree
3	GEM 5	GenEd Obj 4
<b>15</b>	<b>Apply to ISU and MLS program by Feb 28</b>	

Summer Term Prior to Med Lab Science	
Cred	Course
3	MLS 4499 Immunology (for MLS majors)

**Advising Note:** The CWI courses outlined above would qualify for the Human Biology Emphasis and/or Cellular, Molecular, and Biomedical Sciences Emphasis

Fall - Start MLS (ISU)	
Cred	Course
1	MLS 4410 Phlebotomy Practicum
1	MLS 4412 Urinalysis and Body Fluids
3	MLS 4414 Hematology and Hemotasis
3	MLS 4416 Medical Microbio
3	MLS 4418 Medical Chem and Instruments
2	MLS 4420 Medical Immunology
2	MLS 4422 Basic Concepts in Transfusion
1	MLS 4424 Medical Lab Fundamentals
<b>16</b>	

Spring (ISU)	
Cred	Course
3	MLS 4431 Medical Microbio II
2	MLS 4433 MLS Management and Educ
3	MLS 4435 Molecular Diagnostics
3	MLS 4437 Critical Analysis of Lab Info
2	MLS 4439 Adv Concepts in Transfusion
1	MLS 4441 MLS Research
2	MLS 4455 MLS Student Lab Practices
<b>16</b>	

Summer (ISU)	
Cred	Course
<b>6</b>	General Site Practicum

Medical Laboratory Science students may participate in the ISU Commencement ceremony in May. MLS students complete the summer practicum and degrees are awarded in August.