



Department of Clinical Laboratory Sciences

BS in Cytotechnology Curriculum

Fall Semester Year 1		Hours	Spring Semester Year 1		Hours
English 101, English Composition I**		3	Fine Arts Elective**		3
MTH 127 or 130**		3 or 4	BSC 121, Principles of Biology II		3
CHM 211, Principles of Chemistry I**		3	CHM 212, Principles of Chemistry II		3
CHM 217, Principles of Chemistry I Lab**		2	CHM 218, Principles of Chemistry II Lab		2
BSC 120, Principles of Biology		3	Freshmen Seminar or CMM 103 Speech**		3
Freshmen Seminar or CMM 103 Speech**		3			
<b>Total Hours</b>		<b>17-18</b>	<b>Total Hours</b>		<b>14</b>
Fall Semester Year 2		Hours	Spring Semester Year 2		Hours
English 201, English Composition II**		3	BSC Elective		3
CHM 327 Intro to Organ. or CHM 355/356/361		3-9	BSC 250 or BSC 302 Microbiology		4
IST 434 Molecular Diagnostics###		3	Writing Intensive Elective**		3
CLS 105 CT, Medical Laboratory Terminology**		3	Critical Thinking Elective**		3
<b>Total Hours</b>		<b>12-18</b>	<b>Total Hours</b>		<b>13</b>
Fall Semester Year 3		Hours	Spring Semester Year 3		Hours
BSC 227 Human Anatomy		4	BSC 228 Human Physiology		4
PSY 201 General Psychology		3	PSY 440 Physiological Psychology		3
ECN 200 Survey of Economics		3	BSC 322 Cell Biology		4
Humanities Elective**		3	HST 102 World & West 1300-1850 (MC,WI)**		3
			Elective		1
<b>Total Hours</b>		<b>13</b>	<b>Total Hours</b>		<b>15</b>
<b>School of Cytotechnology Admission – 4<sup>th</sup> Year is a 12 month rotation beginning in June of each year which includes the following courses, many of which are ongoing throughout the rotation period:</b>					
<b>Summer Semester</b>					
CYT 438 Cytology Methodology					4
CYT 439 Elementary Cytology					3
CYT 440 Genital Cytology					6
<b>Total Hours</b>					<b>13</b>
Fall Semester Year 4		Hours	Spring Semester Year 4		Hours
CYT 441 Respiratory Tract Cytology		3	CYT 442 Cytology Body Cavity		3
CYT 443 Cytology Urinary Tract		3	CYT 444 Cytology Breast		3
CLS 460 Clinical Laboratory Mgt. and Ed.+++		3	CYT 445 Cytology GI Tract		3
			CYT 446 Cytology Research (Capstone)**		1
			CYT 447 Advanced Methods		3
<b>Total Hours</b>		<b>9</b>	<b>Total Hours</b>		<b>13</b>
<b>Total Minimum Hours for BS in Cytotechnology - 121</b>					

\*\* Courses that meet the Core Curriculum requirements – NOTE if HST 102 is not taken, then another course(s) must be taken to fulfil the multicultural and additional writing intensive requirement

+++Online course offered through Marshall University CLS Department

###If IST 434 is unavailable, substitute another 3 hour BSC elective course