

Clinical Laboratory Science

2009 - 2010 Catalog Year

~ MATH 110 completed ~

First Year		
Fall	Winter	Spring/Summer
CHM 109 Introductory Chemistry 5	BIO 120 General Biology I 4	As Needed
WRT 150 Strategies in Writing 4	CLS 102 Introduction to CLS 1	
_____ (GE) 3	CHM 231 Intro. Organic Chemistry 4	
_____ (GE) 3	_____ (GE) 3	
Total 15	_____ (GE) 3	
	Total 15	

Second Year		
Fall	Winter	Spring/Summer
BIO 355 Human Genetics 3	BMS 301 Introduction to Research 3	As Needed
BMS 208 Human Anatomy 3	BMS 212/213 Intro Microbiology w/ lab 4	
CHM 232 Biological Chemistry 4	HPR 100 Medical Terminology 1	
STA 215 Statistics 3	PHY 200 Physics for Life Sciences 4	
_____ (GE) 3	_____ (GE) 3	
Total 16	Total 15	
Apply to program by: Feb. 1st		

Third Year		
Fall	Winter	Spring/Summer
BMS 290/291 Human Physiology w/lab 4	CLS 320 General Lab Practice 2	As Needed
BMS 410 Immunology 3	CLS 370 Diagnostic Microbiology I 5	
_____ (GE) 3	HPR 340 Health Care Management 2	
_____ (GE) 3	WRT 305 ¹ or _____ (GE) 3	
_____ (GE) 3	_____ (GE) 3	
Total 16	Total 15	
CLS Program Starts		

Fourth Year		
Fall	Winter	
BMS 416/417 Hematology w/ Lab 3	CLS 460/461 Advance Clinical Science w/ Lab 7	11 weeks of coursework followed by 5 weeks of clinical lab practicum
CLS 375 Diagnostic Microbiology II 3	CLS 490 Clinical Practicum II 3	
CLS 410 Clinical Immunoserology 3	CLS 495 Issues in Clinical Laboratory Science (SWS) 3	
CLS 422 Clinical Chemistry 6	Total 13	
CLS 450 Clinical Practicum I 1		
Total 16		5 weeks of coursework followed by 13 weeks of clinical lab practicum

NOTES:

¹ Students may test out of WRT 305 by taking the junior-level essay exam available through GVSU Testing Services. Those who are not able to pass this exam will need to take an additional course during the spring/summer session to complete the GVSU general education requirements.

^(GE) Refer to GVSU General Education Program (reverse side) for specific requirements

This curriculum guide is **not** applicable to every student. To determine your specific needs you should meet with your College of Health Professions advisor early in your academic career.

APPLICATION PROCESS FOR CLINICAL LABORATORY SCIENCE

The admission process for Clinical Laboratory Science consists of three phases. These phases are outlined below.

Phase I

Phase I consists of having the following prerequisites met or being currently enrolled at the time of application. The prerequisites are:

- Overall GPA and science GPA of 2.8 or above
- BMS 208
- BIO 120
- CHM 109
- Completion of 45 hours

Phase II

Phase II consists of the actual application process. Students must submit all application materials to the Director of the Clinical Laboratory Science program (see address below). The application consists of the following components all of which must be **completed and submitted by February 1, prior to the intended winter entry**. Late applications will be considered assuming requirements are met and space is available in the program.

- Completed application
- Resume
- Unofficial transcripts from all colleges/universities attended
- 1 – 2 page statement of professional philosophy (Why have you chosen CLS as a profession)
- Three completed CLS recommendation forms – one from a chemistry faculty, one from any science faculty, and the third source is the choice of the applying student. (these are to be returned directly to the CLS program officials by the respondents)
- When the application packet is complete, prospective students will be invited for an interview with CLS Program Director and/or faculty – this interview may include a handwritten essay.

Phase III

Upon completion of Phase I and II, students will be notified of admission into the program and will be asked to set up an advising appointment with a Clinical Laboratory Science faculty.

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