

2019-20 Clinical Lab Science Checklist

Name _____
 Student ID _____
 Date _____

GENERAL EDUCATION

I. Foundational Intellectual Skills (12-13 hours)

- ___ FYS110 First Year Seminar
- ___ ENG112 Writing, Research, Genre & Context
- ___ COM101 Public Speaking
- ___ Mathematics

II. Knowledge Acquisition (19-20 hours)

- ___ Science 1XX with lab
- ___ HUM210 Humanities Survey Course
- ___ PHL130 Human Nature & Person
- ___ Foreign Language

One course from each group A and B:

Group A

- ___ ECN200 Introductory Economics
- ___ HIS102 History of the Modern World
- ___ POL102 Introduction to American Politics

Group B

- ___ PSY101 General Psychology
- ___ PSY220 Human Growth and Development
- ___ GST200 Introduction to Gender Studies
- ___ SOC101 Introduction to Sociology
- ___ SOC175 Introduction to Anthropology

III. Faith, Ethics, and Foundation (6 hours)

- ___ THL105 Introduction to Theology
- ___ Second Approved THL

IV. Greater Depth Cluster

- a. Completion of a minor or second major outside school (or department if College of Arts & Sciences)
- b. Completion of an interdisciplinary minor or concentration outside the first major. See catalog for approved programs.
- c. Focus on a specific theme (cluster) outside the major. See catalog for cluster course areas

Total Earned General Education Hours _____

CLINICAL LAB SCIENCE MAJOR REQUIREMENTS

Core Courses

___ BIO203 Molecular Genetics	4
___ BIO214 Microbiology	4
OR	4
___ BIO340 Advanced Microbiology	4
___ BIO225 Human Anatomy	4
___ BIO226 General Human Physiology	4
___ BIO345 Immunology	3
___ CHE151 General Chemistry I	4
___ CHE152 General Chemistry II	4
___ CHE305 Organic Chemistry I	4
___ CHE306 Organic Chemistry II	4
___ MAT140 (or higher)	3

Full year internship of at least 32 credits.

If not accepted to a one-year clinical internship, completion of the senior year allows the student to graduate with a B.S. degree in Biology:

___ BIO202 Evolution and Ecology	4
___ BIO204 Cell Biology	4
___ BIO205 Experimental Design & Statistical Analysis	4
___ BIO291 Biology Career Seminar	1
___ BIO490 Biology Seminar	1
___ BIO491 Biology Capstone	1
___ PHY110 General Physics I	4
___ PHY111 General Physics II	4
___ MAT215 Fundamentals of Calculus	3
OR	
___ MAT230 Calculus & Analytic Geometry I	4

6 hours of 300-400 level biology electives

Total Earned Major Hours _____

TOTAL OVERALL EARNED HOURS _____

MARIAN UNIVERSITY

Indianapolis®

2019-20 Clinical Lab Science Major Sample Four Year Plan

Freshman Year					
Fall Semester			Spring Semester		
Requirement Category	Course	Credit Hours	Requirement Category	Course	Credit Hours
General Education	FYS110	3	Major	CHE152	4
Major	CHE151	4	Major	BIO225	5
General Education	Mathematics	3	General Education	ENG112	3
General Education	Foreign Language	4	General Education	COM101	3
Minor/Elective/GDC		1	Minor/Elective/GDC		1
Semester Hours	15		Semester Hours	16	
Cumulative Hours	15		Cumulative Hours	31	
Sophomore Year					
Fall Semester			Spring Semester		
Requirement Category	Course	Credit Hours	Requirement Category	Course	Credit Hours
Major	CHE305	4	Major	CHE306	4
Major	BIO226	5	Major	BIO203	4
Major	BIO291	1	Major	BIO elective	4
General Education	GST/PSY/SOC	3	General Education	THL105	3
General Education	PHL130	3	General Education	ECN/HIS/POL	3
Semester Hours	16		Semester Hours	18	
Cumulative Hours	47		Cumulative Hours	65	
Junior Year					
Fall Semester			Spring Semester		
Requirement Category	Course	Credit Hours	Requirement Category	Course	Credit Hours
Major	BIO214 or 340	4	Major	BIO345	3
Major	BIO elective	4	Major	BIO elective	4
General Education	HUM210	3	General Education	Second THL	3
Minor/Elective/GDC		3	Minor/Elective/GDC		3
Minor/Elective/GDC		1	Minor/Elective/GDC		2
Semester Hours	16		Semester Hours	16	
Cumulative Hours	81		Cumulative Hours	96	
Senior Year					
Fall Semester (if not accepted to clinical internship)			Spring Semester (if not accepted to clinical internship)		
Requirement Category	Course	Credit Hours	Requirement Category	Course	Credit Hours
Major	PHY110	4	Major	PHY111	4
Major	MAT215 or 230	4	Major	BIO205 (if needed)	4
Major	BIO202 (if needed)	4	Major	BIO204 (if needed)	4
Major	BIO490	1	Major	BIO491	1
Minor/Elective/GDC		3	Minor/Elective/GDC		3
Semester Hours	16		Semester Hours	16	
Cumulative Hours	112		Cumulative Hours	128	

A minimum 2.0 cumulative GPA and a minimum 2.0 major GPA are required for graduation, so monitor your GPA closely. To meet degree requirements, some disciplines require higher grades in each course or a higher cumulative GPA. This four-year plan is only a sample and will vary by student and course availability.