

Bachelor of Science in Clinical Research Curriculum Map

Semester 1 HRS

General Chemistry I	CHEM 111	4
Basic Biology	BIOL 111	4
Academic Writing	ENGL 101	3
Intro to Christianity	CHRS 125	3
*Pre-Professional Sem.	CPHS 100	<u>1</u>
		15

Semester 2 HRS

General Chemistry II	CHEM 113	4
Anatomy & Physiology	BIOL 221	4
Calculus	MATH 122	4
Academic Writing & Lit.	ENGL 102	3
Lifetime Wellness	PE 185	2
CU Connections	CUC 100	<u>0.5</u>
		17.5

Semester 3 HRS

Organic Chemistry I	CHEM 227	4
^Biology Elective	BIOL ____	3/4
Western Civ. I or II	HIST 1XX	3
Foreign Language	LANG 20_	3
Intro to A/M/T	A/M/T 131	3
CU Connections	CUC 200	<u>0.5</u>
		16.5 - 17.5

Semester 4 HRS

Organic Chemistry II	CHEM 228	4
^Biology Elective	BIOL ____	3/4
Literature I or II	ENGL 20_	3
Social Science Elective	(see listing)	3
Humanities Elective	(see listing)	<u>3</u>
		16-17

Semester 5 HRS

Biochemistry	PHSC 323	3
Biochemistry Lab	PHSC 325/L	1
Reg Affairs	CLNR 340	3
Medical Terminology	CLNR 341	2
Prin Of CLNR	CLNR 364	2
Interp Skills & Crit Thin	CLNR 442	2
Sci. & Tech. Writing	CLNR 451	<u>2</u>
		15

Semester 6 HRS

Intro. to Pharmacology	PHSC 328	4
Sci. Lit. Seminar	CLNR 338	2
Clin. Study Operations	CLNR 345	2
Research Site Ops	CLNR 445	2
Data Management	CLNR 450	3
>Elective(s)		<u>2-3</u>
		15-16

Semester 7 HRS

Intro to Biostatistics	CLNR 324	3
Pre-Intern Seminar	CLNR 412	1
New Product Dev.	CLNR 415	2
Med Ethics/Clin Res	CLNR 425	2
Man/Mon Clin. Trials	CLNR 455	2
Hum/Social Elective	(see listing)	3
>Elective(s)		<u>2-3</u>
		15-16

Semester 8 HRS

+Senior Internship	CLNR 420	12
Senior Seminar	CLNR 416	<u>3</u>
		15

TOTAL Hours= 125 – 129

6.15.22 AED

> AS NEEDED TO REACH REQUIRED 125 TOTAL CREDIT HOURS

*ALL FRESHMEN WILL TAKE A FRESHMAN SEMINAR WITHIN THEIR ACADEMIC PROGRAM.

^ BIOLOGY ELECTIVES MUST BE BIO-MEDICAL ELECTIVES. (EXAMPLES INCLUDE, BUT ARE NOT LIMITED TO, ADVANCED PHYSIOLOGY, BIOMEDICAL ETHICS, DEVELOPMENTAL ANATOMY, CELLULAR & MOLECULAR BIOLOGY (PRE-REQUISITE FOR MICROBIOLOGY & IMMUNOLOGY (PRE-REQUISITE FOR MEDICAL MICROBIOLOGY), CYTOLOGY/HISTOLOGY, BIOINFORMATICS, GENETICS, IMMUNOLOGY, ADVANCED CELL & MOLECULAR BIOLOGY, AND BIOCHEMISTRY).

HUMANITIES ELECTIVES: CHRS: 202, 212, 224, 236, 251, 322 OR HIGHER; PHIL 121; ENGL 201 – 206; HIST 1XX – 4XX; LANG 221, 222, 241, 242

SOCIAL SCIENCE ELECTIVES: CRIM, ECON, GEOG, POLS, PSYC, SOCI, COMM 240

† STUDENTS ARE REQUIRED TO SUBMIT AND PASS A CRIMINAL BACKGROUND CHECK AND DRUG SCREEN PRIOR TO THE START OF INTERNSHIP