

CLINICAL LABORATORY SCIENCES

CLS_Pre-Health Professional_BS

2008-2009 Model Curriculum

A program of study for the exceptional student who wants a professional undergraduate degree and also has plans to attend a Medical/Dental/Veterinary school or other graduate program in clinical science.

FRESHMAN YEAR

FALL SEMESTER			SPRING SEMESTER		
AHP 101	Freshman Seminar	2	EH 102	Composition II	3
EH 101	Composition I	3	BLY 121	General Biology I	3
MA 120	Calculus & Applications	3	BLY 121L	General Biology I Lab	1
CH 131	General Chemistry I	3	CH 132	General Chemistry II	3
CH 131L	General Chemistry I Lab	1	CH 132L	General Chemistry II Lab	1
HY ____ ¹	History Sequence 1	<u>3</u>	ST 210	Statistical Reasoning	3
		15	HY ____ ¹	History Sequence 2	<u>3</u>
					17

SOPHOMORE YEAR

FALL SEMESTER			SPRING SEMESTER		
CLS 114	Human Anat & Phys I	4	CLS 115	Human Anat & Phys II	4
PH 114	Physics I	5	PH 115	Physics II	5
CH 201	Organic Chemistry I	4	CA 110	Public Speaking	3
_____ ²	Fine Arts Elective	<u>3</u>	CH 202	Organic Chemistry II	4
		16			16

JUNIOR YEAR

FALL SEMESTER			SPRING SEMESTER		
CIS 150	Intro Computer Applic	3	CLS 290	Clinical Biochemistry	3
BMD 401	Immunology	3	CLS 310	Clinical Genetics	3
CLS 350	Clin Parasit/Mycol/Virol	3	CLS 360	Diagnostic Micro I	4
CLS 436	Intro to Research (W)	2	_____ ⁴	Social Science Elective	3
_____ ³	Literature Elective	3	_____ ⁵	Humanities Elective	<u>3</u>
_____ ⁴	Social Science Elective	<u>3</u>			16
		17			

PROFESSIONAL COMPONENT

SENIOR YEAR

SUMMER SEMESTER			FALL SEMESTER		
CLS 320	Hematology I	4	CLS 350 ⁶	Clin Parasit/Mycol/Virol	3
CLS 325	Clinical Lab Methods	2	CLS 420	Hematology II	4
CLS 330	Serology	2	CLS 431	Clin Chemistry & Instr II	4
CLS 341	Clin Chemistry & Instr I	4	CLS 432	Immunoematology	5
CLS 410	Diagnostic Micro II	<u>5</u>	CLS 436 ⁶	Intro to Research (W)	<u>2</u>
		17			18
SPRING SEMESTER			SUMMER SEMESTER		
CLS 435	Lab Management (W)	2	CLS 495	Clin Correlation/Review	<u>3</u>
CLS 440	Hematology Practicum	3			3
CLS 445	Microbiology Practicum	3			
CLS 452	Immunoematology Prac	3			
CLS 453	Chemistry Practicum	<u>3</u>			
		14			

¹ See back for options
² See back for options
³ See back for options
⁴ See back for options
⁵ See back for options

**⁶ Can be taken Fall semester of junior year by
CLS majors that have completed prerequisites.**