Valparaiso University

PREMEDICAL ARTS CURRICULUM
FOR 27 HOUR CHEMISTRY/25 HOUR BIOLOGY MAJORS
(Leads to a BS Degree)

Freshman Year

Fall		Spring	
General Chemistry I, CHEM 121	4 cr	General Chemistry II, CHEM 122	4 cr
Unity of Life, BIO 171	4 cr	Diversity of Life, BIO 172	4 cr
Premedical Arts Colloquium	0 cr	Premedical Arts Colloquium	0 cr

Sophomore Year

Fall		Spring	
Organic Chemistry I, CHEM 221	4 cr	Organic Chemistry II, CHEM 222	4 cr
Genetics, BIO 270	4 cr	Quantitative Analysis, CHEM 230	4 cr
Premedical Arts Colloquium	0 cr	Premedical Arts Colloquium	0 cr

Summer

Medical Apprenticeship, GS 395	1 cr

Junior Year

Fall		Spring	
General Physics I, PHYS 111 or PHYS 141	4 cr	General Physics II, PHYS 111 or PHYS 141	4 cr
Biochemistry I, CHEM 315	3 cr	Biochemistry II, CHEM 316	3 cr
		Biochemistry Lab, CHEM 317	1 cr
Cell Biology, BIO 460	4 cr	Molecular Biology, BIO 450	4cr
Premedical Arts Colloquium	0 cr	Premedical Arts Colloquium	0 cr

Senior Year

Fall		Spring	
*Mathematics	4 cr	*Mathematics	4 cr
Principles of Physiology, BIO 380	3 cr	BIO 493/495	2 cr
Physical Chemistry, CHEM 311	3 cr		
Premedical Arts Colloquium	0 cr	Premedical Arts Colloquium	0 cr

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* Mathematics may be taken at any point in the curriculum.