

PRE-MEDICAL/PRE-DENTAL OPTION – X052
A.A. in Arts and Science

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E-Institute: <http://webtide.hccdl.org> Courses in red are not available online.

Includes courses commonly taken in the first two years of a pre-medical or pre-dental curriculum. Students should also be aware that medical schools look for community service in the form of volunteer work at health care facilities. Consider including this along with formal coursework while attending HCC.

Term/Grade	Course Number	Course Name	Course Credits
GENERAL EDUCATION REQUIREMENTS			35/36
_____	ENG 101	Language and Literature I	3
_____	ENG 102	Language and Literature II	3
_____	CHM 121	Inorganic Chemistry I (Fall) <u>or</u>	
_____	CHM 113	Principles of Chemistry I (Spring)	4
_____	CHM 124	Inorganic Chemistry II (Spring) <u>or</u>	
_____	CHM 114	Principles of Chemistry II (Fall)	4
_____	_____	Humanities Electives (C) _____	3
_____	_____	Humanities Electives (C) _____	3
_____	_____	Humanities Electives (C) _____	3
_____	_____	Social Science Electives (B) _____	3
_____	_____	Social Science Electives (B) _____	3
_____	_____	Social Science Electives (B) _____	3
_____	MTH 111	Analytic Geometry and Calculus I <u>or</u>	4
_____	MTH 162	Applied Calculus	3
SUGGESTED ELECTIVES			24/25
_____	CHM 221	Organic Chemistry I1 (Fall)	4
_____	CHM 222	Organic Chemistry II1 (Spring)	4
_____	BIO 103	Biology Today I <u>and</u>	4
_____	BIO 104	Biology Today II ¹ <u>or</u>	4
_____	BIO 110	General Botany <u>and</u>	4
_____	BIO 120	General Zoology	4
_____	BIO 243	Genetics	4
_____	MTH 142	Statistics	3
_____	CSI 111	Computer Concepts and Applications	4
_____	PHS 111	Physics for Engineering and Science Majors I (Spring) <u>and</u>	4
_____	PHS 112	Physics for Engineering and Science Majors II (Fall) ² <u>or</u>	4
_____	PHS 101	General Physics I (Fall) <u>and</u>	4
_____	PHS 102	General Physics II (Spring) ²	4
Total Credits			60

NOTES:

¹ Two years of college chemistry (including a year of organic chemistry and a year of college biology) are required by all medical schools.

² A year of college physics is also required by all medical schools. Students may elect to complete this requirement while at HCC.