

Medicine Four Year Plan

FIRST YEAR	
Pre-Medicine courses	Major courses
Fall	
FTS 100 (Writing Intensive course – WRIT1) <i>BIO 101 Principles of Biology (MCAT)</i> <i>CHE 107 Principles of Chemistry (MCAT)</i> PSY 100 General Psychology or S/A 112 Principles of Sociology (MCAT)	 <i>BIO 101 Principles of Biology (MCAT)</i> <i>CHE 107 Principles of Chemistry (MCAT)</i>
Spring	
<i>BIO 102 Organismal Biology (MCAT)</i> <i>CHE 141 Organic Chemistry I (MCAT)</i> S/A 112 Principles of Sociology or PSY 100 General Psychology (MCAT)	<i>BIO 102 Organismal Biology (MCAT)</i> <i>CHE 141 Organic Chemistry I (MCAT)</i>

*Minimum grade requirements exist for courses in the Biology major. See <https://gustavus.edu/biology/>

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SECOND YEAR	
Pre-Medicine courses	Major courses
Fall	
<i>BIO 201 Cell and Molecular Biology (recommended) (MCAT recommended) (serve as a pre-requisite for BIO 374 and BIO 380)</i> CHE 251 Organic Chemistry II (MCAT) English – literature	<i>BIO 201 Cell and Molecular Biology (recommended) (MCAT recommended) (serve as a pre-requisite for BIO 374 and BIO 380)</i>
January Interim	
NDL 068 Career Exploration (strongly recommended)	
Spring	
<i>BIO 202 Evolution, Ecology, and Behavior (recommended) (MCAT recommended)(serve as a pre-requisite for BIO 374 and BIO 380)</i> CHE 258 Inorganic Chemistry I (MCAT recommended) <i>MCS 121 or 118/119 Calculus</i>	<i>BIO 202 Evolution, Ecology, and Behavior (recommended) (MCAT recommended)(serve as a pre-requisite for BIO 374 and BIO 380)</i> <i>MCS 121 or 118/119 Calculus</i>

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THIRD YEAR	
Pre-Medicine courses	Major courses
Fall	
PHY 120/121 General Physics I or PHY 122/121 General Physics I w/ calculus (MCAT) <i>CHE 255 Biochemistry (MCAT) (or Spring)</i>	<i>CHE 255 Biochemistry (MCAT) (or 300-level BIO course, if taking CHE 255 in Spring)</i>
Spring	
PHY 170/171 General Physics II or PHY 172/171 General Physics II w/ calculus (MCAT)	300- level BIO course (<i>or CHE 255</i>)

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FOURTH YEAR	
Pre-Medicine courses	Major courses
Fall	
<p>Elective – Humanities or Social Science upper level course, with an intensive writing requirement, WRITD. (U of M requirement – “upper level courses are typically those with a course number of 300 or higher. Writing intensive courses are ones in which writing is an integral part of the course. Typically, you’re required to complete at least one, 10 page paper.”) U of M accepts a Gustavus 200 or 300 level Humanities or Social Science with the writing component for this requirement.</p> <p>MCS 142 Introduction to Statistics (or equivalent recommended, Fall 2016 Creighton requirement)</p> <p>HES 234 Human Anatomy and Physiology I or HES 235 Human Anatomy and Physiology II (Fall 2016 Creighton requirement)</p>	<p>300- level BIO course</p>
Spring	
<p>HES 234 Human Anatomy and Physiology I or HES 235 Human Anatomy and Physiology II (Fall 2016 Creighton requirement)</p>	<p>300- level BIO course</p>

This is a general plan of study including only the requirements for Medicine and the Biology Major. Please speak with your faculty advisor about if this is the best layout of classes for you and about fitting in your general liberal arts education courses.