

## Medicinal Chemistry - MDCH (B.S.)

The following program of study is recommended for students who plan to transfer to the College of Science to earn a *Bachelor of Science degree* as a Chemistry (CHEM) major.

Prospective Chemistry majors may take foundation chemistry courses for non-majors (CHM 111, 112, etc.), but a minimum grade of “B” is required in each of those courses to count them towards the BS in Medicinal Chemistry. Students should plan to spend three to four years at Virginia Tech to earn a Bachelor of Science degree in chemistry.

Recommended VCCS Courses	VT Credits 1st. Sem	VT Credits 2nd. Sem	Virginia Tech Course Application
<b>First Year</b>			
ENG 111, 112	3	3	ENGL 1105, 1106
MTH 263	4		MATH 1225
MTH 264		4	MATH 1226
CHM 111 or 126,	4		CHEM 1035+1045,
CHM 112		4	CHEM 1036+1046
BIO 101	4		BIO 1105+1115
BIO 102		4	BIO 1106+1116
<b>TOTAL</b>	<b>15</b>	<b>15</b>	
<b>Second Year</b>			
<a href="#">Reasoning in the Social Sciences</a> <sup>1</sup> (PSY 200 is recommended for health science careers)	3		PSYC 1004 or See Pathways List
<a href="#">Reasoning in the Social Sciences</a> <sup>1</sup> (SOC 200 is recommended for health science careers)		3	SOC 1004 or See Pathways List
PHY 121 or 201	4		PHYS 2205+2215
PHY 122 or 202		4	PHYS 2206+2216
<a href="#">Advanced/Applied Discourse</a> <sup>1</sup>		3	See Pathways List
<a href="#">Critique and Practice in Design and the Arts</a> <sup>1</sup>	3	3	See Pathways List
<a href="#">Critical Thinking in the Humanities</a> <sup>1</sup>	3	3	See Pathways List
<a href="#">Critical Analysis of Identity and Equity in the United States</a> <sup>1</sup>	3		See Pathways List
<b>TOTAL</b>	<b>16</b>	<b>16</b>	

### Footnotes

<sup>1</sup> See VCCS General Education.

<sup>2</sup> See VCCS Transferable courses.

<sup>3</sup> Students must take PHY 241 and PHY 242 to receive credit for PHYS 2305 and PHYS 2306.

See Foreign Language Requirement