

**Biological Sciences - BIOL (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, Major - Biological Sciences (BIOL).

Recommended VCCS Courses	VT Credits 1st. Sem	VT Credits 2nd. Sem	Virginia Tech Course Application
<b>First Year</b>			
BIO 101 <sup>2</sup>	4		BIOL 1105+1115
BIO 102 <sup>2</sup>		4	BIOL 1106+1116
CHM 111 <sup>3</sup> or 126	4		CHEM 1035+1045
CHM 112 <sup>3</sup>		4	CHEM 1036+1046
ENG 111, 112	3	3	ENGL 1105, 1106
MTH 261	3		MATH 1025
MTH 262		3	MATH 1026
<a href="#">Critical Thinking in the Humanities</a> <sup>1</sup>	3	3	See Pathways List
<b>TOTAL</b>	<b>17</b>	<b>17</b>	
<b>Second Year</b>			
CHM 241 and (243 or 245)	4		CHEM 2535+2545
CHM 242 and (244 or 246)		4	CHEM 2536+2546
PHY 121 or 201	4		PHYS 2205+2215
PHY 122 or 202		4	PHYS 2206+2216
BIO (150 or 205) <sup>4</sup> or BIO 110 <sup>4</sup> or BIO 120 <sup>4</sup>	4	4	BIOL 2604+2614 or BIOL 2304+1XXX or BIOL 2504+1XXX
<a href="#">Critique and Practice in Design and Arts</a> <sup>1</sup>	3	3	See Pathways List
<a href="#">Reasoning in the Social Sciences</a> <sup>1</sup>	3	3	See Pathways List
<b>TOTAL</b>	<b>18</b>	<b>18</b>	

**Footnotes**

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

<sup>2</sup> It is strongly recommended that students complete BIO 101 and 102 prior to transferring.

<sup>3</sup> It is strongly recommended that students complete CHM 111 or 126 and CHM 112 prior to transferring.

<sup>4</sup> Students are strongly recommended to complete one of the following biology courses depending on their career path: General Micro, Zoology, or Plant Biology.

See Foreign Language Requirement