

**Mathematics and Statistics  
Curriculum Map: Outcomes and Placement  
Math Core**

**Course numbers and other areas of outcome placement**

<b>Learning Outcomes (from Previous chart)</b>	<b>M 151</b>	<b>M 152</b>	<b>M 251</b>	<b>M 252</b>	<b>M 301</b>	<b>M 332</b>	<b>M 401</b>	<b>M 411</b>	<b>M 491</b>	<b>ST 232</b>
<b>1A.</b> Students will read mathematics in appropriate-level books and/or journals.	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>1B.</b> Students will communicate mathematics clearly in writing.	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>1C.</b> Students will communicate mathematics clearly orally.					<b>X</b>		<b>X</b>	<b>X</b>	<b>X</b>	
<b>2A.</b> Students will demonstrate a variety of problem solving techniques including, but not limited to,  -Algebraic manipulation -Deductive logic -Graphical and data analysis	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>3A.</b> Students will develop and analyze mathematical models of real world situations.	<b>X</b>	<b>X</b>	<b>X</b>			<b>X</b>				<b>X</b>

**Mathematics and Statistics  
Curriculum Map: Outcomes and Placement  
Math Electives**

**Course numbers and other areas of outcome placement**

<b>Learning Outcomes (from Previous chart)</b>	<b>M 201</b>	<b>M 310</b>	<b>M 321</b>	<b>M 341</b>	<b>M 342</b>	<b>M 344</b>	<b>M 350</b>	<b>M 355</b>	<b>M 357</b>	<b>M 361</b>	<b>ST 371</b>	<b>ST 431</b>
<b>1A.</b> Students will read mathematics in appropriate-level books and/or journals.		X	X	X	X	X	X	X	X	X	X	X
<b>1B.</b> Students will communicate mathematics clearly in writing.	X	X	X	X	X	X	X	X	X	X	X	X
<b>1C.</b> Students will communicate mathematics clearly orally.		X	X				X					
<b>2A.</b> Students will demonstrate a variety of problem solving techniques including, but not limited to,  -Algebraic manipulation -Deductive logic -Graphical and data analysis	X	X	X	X	X	X	X	X	X	X	X	X
<b>3A.</b> Students will develop and analyze mathematical models of real world situations.		X		X	X	X					X	