

# MECHANICAL ENGINEERING

Students who choose to study Mechanical Engineering will graduate with two bachelor's degrees: a B.A. in Liberal Arts and a B.S. in Mechanical Engineering.



B.A. in Liberal Arts



B.S. in Mechanical Engineering

TERM 1	TERM 2	TERM 3	TERM 4	TERM 5
<p>Life &amp; Career Dynamics Writing &amp; Rhetoric I Calculus I or Pre-Calculus</p>	<p>Foundational Economic Concepts Writing &amp; Rhetoric II Probability &amp; Statistics</p>	<p>Philosophy of Being Human Western Civilization I Logic Internship (<i>non-credit</i>)</p>	<p>Ethics Western Civilization II Internship (<i>non-credit</i>)</p>	<p>Ancient Masters Philosophy of Economics Internship (<i>non-credit</i>)</p>
<p>Mindset of the Entrepreneurial Masters Physics I</p>	<p>Calculus II Physics II</p>	<p>Calculus III Computer Programming</p>	<p>Linear Algebra &amp; Differential Equations Statics Technical Drawing (<i>AutoCAD &amp; SolidWorks</i>)</p>	<p>Mechanics of Materials Material Properties and Processing Product Design</p>
TERM 6	TERM 7	TERM 8	TERM 9	TERM 10
<p>Medieval Masters Contemporary Economic Systems Microeconomics &amp; Economic Decision Making Internship (<i>non-credit</i>)</p>	<p>Renaissance Masters Politics &amp; Culture of a Free Society American History I Internship (<i>non-credit</i>)</p>	<p>Modern Masters Virtuous Leadership in a Free Society American History II Internship (<i>non-credit</i>)</p>	<p>Mechatronics Heat Transfer Product Development I Signals &amp; Controls Advanced Computer Programming Internship (<i>non credit</i>)</p>	<p>Advanced Manufacturing Advanced Thermal Sciences Product Development II Advanced Measurements Persuasive Speaking &amp; Debate Internship (<i>non credit</i>) FE Exam Review</p>
<p>Dynamics, Kinematics, &amp; Vibrations Marketing or Business Law &amp; Ethics I</p>	<p>Mechanical Design &amp; Analysis Thermodynamics</p>	<p>Fluid Mechanics Entrepreneurial Ventures</p>		

