### An Example on Student's Pathway (as of July 22, 2022)

#### BEng in Aerospace Engineering

##### Major Requirements

**Engineering Fundamentals Courses**
- COMP 1021: Introduction to Computer Science
- COMP 1022P: Programming for CS-I
- COMP 1023H: Advanced Object-Oriented Design and Data Structures
- MATH 2010: Technical Communication I

**MECH Courses**
- MECH 3660: Gas Turbines and Jet Propulsion
- MECH 3650: Aircraft Structural Analysis
- MECH 3620: Aircraft Design
- MECH 3610: Control Principles
- MECH 3400: Introduction to Composite Materials
- MECH 2410: Engineering Materials I
- MECH 2210: Fluid Mechanics
- MECH 2020: Statics and Dynamics
- MECH 1990: Industrial Training
- MECH 1907: Introduction to Aerospace Engineering
- MECH 3640: Aerodynamics

**MATH Courses**
- MATH 2011: Introduction to Multivariable Calculus

**FINA Courses**
- FINA 2303: Financial Management

**ECON Courses**
- ECON 2103: Principles of Accounting I

**LANG Courses**
- LANG 4034: Technical Communication II for Mechanical and Aerospace Engineering

**ISOM Courses**
- ISOM 2010: Coding for Business

**MGMT Courses**
- MGMT 2130: Business Ethics and Social Responsibility

**MARK Courses**
- MARK 2120: Marketing Management
- MARK 3220: Marketing Research
- MARK 4210: Strategic Marketing

#### BBA in Marketing

**School Requirements**
- ECON 2123: Principles of Microeconomics
- ECON 3123: Principles of Macroeconomics
- ISOM 2600: Introduction to Business Analytics
- ISOM 2500: Business Statistics

**Required Courses**
- ISOM 2700: Operations Management
- ISOM 2910: Information Systems Management
- ISOM 3010: Marketing Management

**Additional Requirements**
- MARK 3220: Marketing Research
- MARK 4210: Strategic Marketing

#### Sub-total for University CORE

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<th>Honors Calculus I</th>
<th>Accelerated Calculus</th>
<th>Honors Calculus II</th>
<th>Honors General Physics</th>
<th>Honors General Physics I with Calculus</th>
<th>Principles of Microeconomics</th>
<th>Principles of Macroeconomics</th>
<th>Theory of Computation</th>
<th>Principles of Accounting I</th>
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