An acceptable course of study for the Master of Applied Computing will include completion of no fewer than two and as many as four of the following certificates:

- Artificial Intelligence for Military Use (128 or 129)
- Applied Cyber Operations (225)
- Cyber Operations Infrastructure (227)
- Cybersecurity Fundamentals (256)
- Cybersecurity Defense (258)
- Cybersecurity Adversarial Techniques (260)
- Data Science (268)

In addition, completion of no more than one of the following certificates may be used to satisfy curriculum requirements:

- Capability & Mission Engineering (131)
- Principles of Analytical Management (202)
- Innovation and Design (209)
- Implementing Technological Change (221)
- Robotics Engineering (223)
- Human Systems Integration (262)
- Space Systems Fundamentals (273)
- Systems Analysis (281)
- Cyber Warfare (288)
- High-Performance Computer Architecture (286)
- Network Engineering (295)
- Cyber Systems (296)