

## CYBER SECURITY, POST BACCALAUREATE OF SCIENCE

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### BACHELOR DEGREE REQUIREMENTS:

- Baccalaureate degree from a regionally accredited institution in a different discipline
  - Minimum 45 Credit Hours
  - Minimum Cumulative G.P.A.: 2.00
  - 30 Credit Hours of Residency Courses
  - 9 Credits of Major Residency Courses
  - Minimum G.P.A. in the Major: 2.00
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### PROGRAM MAJOR REQUIREMENTS:

The following courses are prerequisites to the Post Baccalaureate of Science, Cyber Security. If you do not have any of these courses then you will need to complete these in addition to the degree requirements.

- CIS 101 Introduction to Computer Science (3)
  - CIS 110 Programming fundamentals (3)
  - Complete one of the following (3):
    - CIS 214 Applications Programming: Java*
    - CIS 215 Applications Programming: C++*
  - CIS 240 Networking Concepts (3)
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### PROGRAM MAJOR REQUIREMENTS (45 CREDIT HOURS):

- CIS 330 Systems Analysis (3)
  - CIS 350 Database Design and Management (3)
  - CIS 380 Internship (3)
  - CIS 440 Network Security (3)
  - CIS 460 Computers & Culture (3)
  - ISS 210 Introduction to Information Security (3)
  - ISS 340 Computer Security (3)
  - ISS 410 Cyber Security I (3)
  - ISS 412 Cyber Security II (3)
  - Complete any three ISS electives (9)
  - Complete any three upper-level (300-400) ISS electives (9)
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### ADVISING NOTES:

In order to receive a Post Baccalaureate degree at UMA, students must take 30 credit hours beyond their bachelor's degree. Students who have taken or received credit for more than 5 of the classes listed above in their bachelor's degree will need to take additional elective courses. Please see your advisor to discuss options.

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Students are encouraged to contact their faculty advisor and the Advising Center for academic advising and support services throughout their stay at UMA.

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