

MS in Cybersecurity and Information Assurance

(30 credit hours)

Name: _____ Student Number: _____

Graduate Business School Policies:

- A grade of “C” or higher is passing and required for all coursework. Cumulative GPA must be 3.0 or higher to graduate.
- Prerequisite (“prereq”) = must be completed prior to boldface course.
Corequisite (“coreq”) = must be completed prior to or during same semester as boldface course.
- CMDT/ENTP/GEMM/RISK courses may charge different tuition rates. These courses are not eligible for the CU Employee Tuition Assistance Benefit (TAB).
- Track your progress with the online Degree Audit tool. For questions about your degree plan or for other program assistance, please call 303-315-8110 or email grad.advising@ucdenver.edu.

Cybersecurity and Information Assurance Core (24 credit hours)

1. **ISMG 6020** Python for Data-Driven Applications _____
2. **ISMG 6120** Network Design and Analysis _____
3. **ISMG 6340** Cloud Computing Concepts, Tools, and Security _____
4. **ISMG 6430** Information Systems Security and Privacy _____
5. **ISMG 6860** Ethical Hacking Concepts and Methodologies _____
6. **ISMG 6865** Digital Forensics Analysis _____
7. **ISMG 6890** IT Risk Management _____
8. **ISMG 6910** Design Science Practicum or approved **ISMG 5939** Internship _____
This capstone should be completed during the final 12 credit hours of the program.

Cybersecurity and Information Assurance Electives (6 credit hours)

- Any **ISMG** course numbered 5000 or higher, or any other Business School course numbered 6000 or higher with a prefix of **ACCT, BANA, CMDT, ENTP, FNCE, GEMM, INTB, ISMG, MGMT, MKTG, RISK** or **SUSB**.
 - o Many ISMG 5000 courses are 1 credit. Three of these may substitute for one 3-credit ISMG course.
- Electives can also be fulfilled with any graduate-level **CSCI** or **CVEN** course in the College of Engineering, Design and Computing. Contact computerscience@ucdenver.edu or civilengineering@ucdenver.edu for information about course offerings.

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