

INFORMATION ASSURANCE CERTIFICATE

Department of Information Systems and Quantitative Analysis,
College of Information Science & Technology

Vision Statement

The goal of the ISQA graduate certificate program is to allow post-baccalaureate students and working professionals to expand their educational background and complete work that could count towards a graduate degree. Earning the graduate certificate will enhance skill sets; provide exposure to new information technologies, theories and practices; allow individuals to work toward various professional certifications; increase growth potential with employers; and increase prospects of obtaining a graduate degree. The graduate certificate program offers existing technical and managerial professionals the chance to improve and hone their communication skills to aide in their professional development.

The information assurance (IA) certificate will provide students with the technical, organizational and managerial background to assist in planning, deploying, and managing security technologies to achieve information assurance.

Program Contact Information

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Program Website (<https://www.unomaha.edu/college-of-information-science-and-technology/information-systems-and-quantitative-analysis/graduate/graduate-certificates.php>)

Other Program-Related Information

The certificate in information assurance can be obtained online, but students will need to consult with the GPC on course offerings.

Admissions

Application Deadlines

- Fall: July 1
- Spring: December 1
- Summer: April 1

Program-Specific Requirements

- Applicants are required to have a command of oral and written English. Those who do not hold a baccalaureate or other advanced degree from the U.S., **OR** a baccalaureate or other advanced degree from a pre-determined country on the waiver list, must meet the minimum language proficiency score requirement in order to be considered for admission. The minimum score required for this program is 563 on the

Paper-Based TOEFL; 85 on the Internet-Based TOEFL; 6.5 on the IELTS, or 53 on the PTE.

- The minimum undergraduate grade point average requirement for the Information Assurance Certificate program is 3.00 or equivalent score on a 4.00 scale. Applicants should have the equivalent of a four-year undergraduate degree.

Degree Requirements

Prerequisite Courses

The following courses are prerequisite courses for the required courses. Elective courses may have additional prerequisites. All prerequisites must be completed with grades of "B" or better.

Code	Title	Credits
Select one of the following:		3
ISQA 8030	INFORMATION SYSTEMS AND ETHICS	3
or equivalent		
Select one of the following:		3-6
ISQA 8040	AN OVERVIEW OF SYSTEMS DEVELOPMENT	
ISQA 4110 & ISQA 4120	INFORMATION SYSTEMS ANALYSIS and SYSTEM DESIGN AND IMPLEMENTATION	
Select one of the following:		3
ISQA 8050	DATA ORGANIZATION AND STORAGE	
ISQA 3310	MANAGING THE DATABASE ENVIRONMENT	

Requirements

Code	Title	Credits
Required Courses		
ISQA 8546	COMPUTER SECURITY MANAGEMENT	3
ISQA/CYBR 8570	INFORMATION SECURITY POLICY AND ETHICS	3
ISQA 8580	SECURITY RISK MANAGEMENT AND ASSESSMENT	3
Electives		
Select one of the following:		3
ISQA 8530	E-COMMERCE SECURITY	
ISQA 8560	INFORMATION WARFARE AND SECURITY	
ISQA 8080	SEMINAR IN MANAGEMENT INFORMATION SYSTEMS ¹	
ISQA 8900	INDEPENDENT RESEARCH IN MANAGEMENT INFORMATION SYSTEMS ¹	
Total Credits		12

¹ ISQA 8080, and ISQA 8900: must be related to information assurance. Prior approval from the GPC is required to use these courses.

Completion of the Certificate

During what is expected to be the semester the certificate is completed and prior to the posted deadline, students should apply for the certificate through **MavLINK** on or before the deadline. If you complete the application form and do not complete all of the requirements for the certificate, contact the Office of Graduate Studies as soon as possible. You must **reapply** during the next semester in which you expect to complete the certificate; no additional fee is charged to reactivate your application.

The following requirements are due 12 working days prior to commencement:

- “Incomplete” and “NR” grades from previous terms must be removed so that the grade will be in the Office of Graduate Studies.
- All fees, fines, and other obligations due the university must be settled.

For students currently enrolled in courses that are a part of their plan of study, enrollment must be maintained in order to complete the certificate. A grade for any current enrollment must be received by the Registrar's Office no later than the close of business on the fifteenth working day following the end of a semester.

Awarding of Graduate Certificates

The Office of Graduate Studies will mail the certificate to students when all requirements are completed and all obligations to the university are satisfied. The Graduate College will not approve any changes in the student's permanent record once the certificate is awarded.