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
Martina Greiner, PhD, Graduate Program Chair (GPC)
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402.554.2174
mgreiner@unomaha.edu

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
General Application Requirements and Admission Criteria (http://catalog.unomaha.edu/graduate/admission/)

Prerequisite Courses
No more than two courses (6 credit hours maximum) can be used on two MIS-related certificates (Data Analytics, Information Assurance, Project Management, and Systems Analysis and Design).

Requirements
No more than two courses (6 credit hours maximum) can be used on two MIS-related certificates (Data Analytics, Information Assurance, Project Management, and Systems Analysis and Design).

Degree Requirements
Program-Specific Requirements
Application Deadlines (Spring 2022, Summer 2022, and Fall 2022)
- Fall: July 1
- Spring: December 1
- Summer: April 1

Other Requirements
- The minimum undergraduate grade point average requirement for the Information Assurance certificate program is 3.0 or equivalent score on a 4.0 scale. Applicants should have the equivalent of a four-year undergraduate degree.
- English Language Proficiency: 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 United States, OR a baccalaureate or other advanced degree from a predetermined country on the waiver list (https://www.unomaha.edu/graduate-studies/prospective-students/Proof%20of%20English%20Proficiency-%20International.pdf), must meet the minimum language proficiency score requirement in order to be considered for admission.
- Resume: Submit a detailed resume indicating your work experience and background.
- Applicants with International Transcripts: Any applicant to this program who has completed undergraduate or graduate coursework at an international higher education institution outside of the United States may submit transcripts and degree certificates (with an English translation) in lieu of a course-by-course transcript evaluation from World Education Services (https://www.wes.org/), Educational Credential Evaluators (https://www.ece.org/) (ECE), or Educational Perspectives (https://www.edperspective.org/). This graduate program will conduct an in-house credential evaluation of your transcript(s).
  - UNO reserves the right to require a course-by-course evaluation from WES, ECE, or Educational Perspectives if the program is unable to complete an evaluation or should there be any questions or concerns about the documentation that is received. The applicant will be notified by the individual program if an external course-by-course evaluation is required.
  - *Note: If admitted, official transcripts and degree certificates (with an English translation)/official course-by-course transcript evaluation, and any applicable official exam scores are required.
- OPTIONAL Statement of Purpose:
  - Applicants may submit a statement of purpose with a maximum of 750 words that address:
    - motivations for pursuing graduate education
    - relevant qualifications or work experience that demonstrate potential for success in the graduate program
    - career goals
    - why you want to study at UNO

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ISQA 8030</td>
<td>INFORMATION SYSTEMS AND ETHICS</td>
<td>3</td>
</tr>
<tr>
<td>ISQA 8040</td>
<td>AN OVERVIEW OF SYSTEMS DEVELOPMENT</td>
<td>3-9</td>
</tr>
<tr>
<td>ISQA 4110 &amp; ISQA 4120 &amp; ISQA 3310</td>
<td>INFORMATION SYSTEMS ANALYSIS and SYSTEM DESIGN AND IMPLEMENTATION and MANAGING THE DATABASE ENVIRONMENT</td>
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<tr>
<td>ISQA 8546</td>
<td>COMPUTER SECURITY MANAGEMENT</td>
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### Information Assurance Certificate

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<tbody>
<tr>
<td>ISQA/CYBR 8570</td>
<td>INFORMATION SECURITY POLICY AND ETHICS</td>
<td>3</td>
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<tr>
<td>ISQA 8580</td>
<td>SECURITY RISK MANAGEMENT AND ASSESSMENT</td>
<td>3</td>
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**Electives**

Select one of the following: 3

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<tr>
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<tr>
<td>ISQA 8530</td>
<td>E-COMMERCE SECURITY</td>
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<tr>
<td>ISQA 8560</td>
<td>INFORMATION WARFARE AND SECURITY</td>
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<td>ISQA 8080</td>
<td>SEMINAR IN MANAGEMENT INFORMATION SYSTEMS 1</td>
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<tr>
<td>ISQA 8086</td>
<td>SPECIAL TOPICS: INFORMATION SYSTEMS &amp; QUANTITATIVE ANALYSIS 1</td>
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<td>ISQA 8900</td>
<td>INDEPENDENT RESEARCH IN MANAGEMENT INFORMATION SYSTEMS 1</td>
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**Total Credits** 12

1 Topic must be related to information assurance. Prior approval from the GPC is required to use this course.

### 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 students 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. Applicants 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.