Information & Control Assurance (ICA) Certificate

The ICA certificate will prepare students for careers where they are evaluating some type of information or controls and then issuing an assurance report. Examples of assurance on information is ESG, MD&A, and compliance assurance. Examples of assurance on controls are internal controls over financial reporting, SOC, and cybersecurity controls assurance.   In recent years, both student and employer interest in assurance has increased. The ICA certificate includes courses in business processes and controls, assurance, analytics, professional services, and an area of expertise.[1] [2]

To obtain an ICA certificate, a student must:
- Complete the requirements for one of the business majors;
- Meet with an ICA certificate advisor (David Firth or Alexa Rauser);
- Complete the certificate application with the graduation application (w/fee); and
- Complete 18 credits as listed below, with a GPA of 3.0 or better in the 18 credits.

Business Process and Control Domain (6 cr)
_____ ACTG 305   Corporate Reporting I (3 cr)
_____ ACTG 321   Actg Information Systems (3 cr)

Assurance and Analytics Domain (6 cr)
_____ ACTG 411   Auditing I (3 cr)
_____ BMIS 326   Intro to Data Analytics (3 cr)

Professional Services Domain (3 cr)
Select one course:
_____ BMIS 476   Integrated Project Management (3 cr)
_____ BMIS 479   Intro to Consulting (3 cr)
_____ BMIS 482   Big Data Project (3 cr)
_____ ACTG 498   Internship (in information/control assurance – advisor approval required)
          or BMIS 498

Expertise Domain (3 cr)
Select one course:
_____ BGEN 445   Sustainability Reporting
_____ BMIS 365   Business Application Development
_____ BMIS 372   Information Infrastructures
_____ BMIS 373   Business Systems Analysis & Design
_____ BMIS 471   Fundamentals of Network & Security Mgmt
_____ BMIS 472   Advanced Network & Security Mgmt

	GPA in 18 credits for certificate	st be at least 3.0.

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[1] Consult with the GSSC advisors or department chairs regarding timing of course offerings.

[2] Some courses have prerequisites or corequisites; see the UM Catalog.