WHAT IS THE MS-ISA?

The Master of Science in Information Systems & Assurance is a 33-hour program that combines the interdisciplinary fields of Information Systems (IS) and Information Assurance (IA).

The demand for IS and IA skills is strong due to organizations’ dependence on information technology and the need to secure information systems and data. The program is targeted for students with a degree in: Business, Accounting, Computer Science (CS) or computer-related Engineering, Information Systems (IS), or Information Technology (IT).

MS-ISA Facts

- Custom curriculum based on background and career goals
- 11 courses
- 6 focus areas, including Big Data Cybersecurity
- STEM designation
- $102,100 average salary at graduation
- Scholarship for Service program places graduates with federal agencies

ALUMNI PERSPECTIVE

SURESH KUMAR
MS-ISA Graduate
Class of 2017

“I found the MS-ISA degree interesting as it was a blend of management and technology. After researching many universities, I came to find that UNM has one of the best business schools in the United States, with good funding, job opportunities, and an engaging curriculum.”
ANDERSON ADVANTAGES

Expert Faculty will provide you with the technical depth and real world experience through outcome-focused, team-based, and practical approaches to solving current business problems.

Experiential Learning is integrated in every course, including cyber security competitions, risk assessments for local companies, and student organizations.

Employer & Government Connections bring strong ties to community projects and employment opportunities directly to students and graduates. With over 100 career-related events at Anderson and faculty connections, students can swiftly move into their field of expertise.

Custom Plans of Study are developed for every student in the MS-ISA program. With faculty advisement, each student follows a curriculum tailored to career goals that combines soft skills in management and technical skills.
Anderson provides the opportunity for students to work with faculty on real-world projects. The Information Assurance Lab and outreach to promote cyber security helps contribute to the Albuquerque economy and inspires future leaders of Information Systems and Assurance.

UNM Anderson faculty have a wide range of experience and expertise. Areas of expertise include:

- Cyber Security
- Information Assurance
- Data Analytics
- Database Management
- Digital & Financial Forensics
- Information Systems
- Acquisition
- System & Network Administration & Security

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**FACULTY PERSPECTIVE**

**AARON FRENCH, PHD**
Professor of Management Information Systems

“My favorite part about Anderson is working with the students and watching them grow as future business leaders. Our students are very creative with a high level of capability, they just need the right guidance and opportunities to realize their potential.”

**EUGENE ROONEY, MBA**
Professor of Management Information Systems

“I enjoy working with students who are interested in cybersecurity, programming and problem solving. Some of my latest assignments combine developing student’s Python programming skills by implementing some features of malware and ransomware found out in the wild.”
TOP EMPLOYERS

The Anderson School Career Services Office provides expert coaching, career-focused workshops, and industry-specific recruiting events that will help leverage your degree and cultivate connections with over 200 employers.

Air Force Weapons Lab (AFWL)
Central Intelligence Agency (CIA)
Department of Homeland Security (DHS)
Defense Intelligence Agency (DIA)
Department of Defense (DOD)
Department of Justice (DOJ)
Executive Office of the President (EOP)
Environmental Protection Agency (EPA)
Federal Reserve Board (FRB)
Health and Human Services Administration (HHS)
Los Alamos National Laboratory (LANL)
Presbyterian Healthcare Services (PHS)
Sandia National Laboratories (SNL)
Treasury Inspector General for Tax Administration (TIGTA)
U.S. Forest Service (USFS)

SCHOLARSHIP FOR SERVICE

Anderson offers a scholarship for students interested in pursuing a career in Cybersecurity or Information Assurance that helps place you after graduation.

Scholarship pays all costs for three semesters: $2,800 per month stipend, all tuition & fees, book allowance, travel allowance, and health insurance reimbursement.

Customize the degree program to your background and career goals: computer & network security, computer forensics, white collar crime, auditing, and compliance.

Complete a summer internship with a federal agency in Washington, D.C.
The Anderson School has 14 student organizations that provide an opportunity for growth, leadership, and networking in a student-driven environment.

**NETWORK EXPLOITATION SECURITY TEAM (NEST)**

NEST is a campus-wide student organization consisting of graduate and undergraduate students with various backgrounds and majors. It provides academic, social, and training resources for those interested in the information systems field.

**ASSOCIATION OF CERTIFIED FRAUD EXAMINERS (ACFE)**

ACFE is the world’s premier provider of anti-fraud training and education. Together with nearly 80,000 members, the ACFE is reducing business fraud world-wide, and inspiring public confidence in the integrity and objectivity within the profession.

**STUDENT PERSPECTIVE**

GABRIEL BADUQUI  
ALPFA President  
Senior Graduate Student  
MS-ISA  
Class of 2019

“Being a student at Anderson provided me with the tools I needed to succeed in my career. I would have not gained all of the skills I have if I was not surrounded by the level of talent and professionalism here. Anderson has presented many opportunities for me to grow and continues to play an important role in my career development.”
MS-ISA CURRICULUM

The Anderson MS-ISA custom curriculum provides the flexibility to meet your professional ambitions. The curriculum offers six areas of study to select from to shape a customized plan for every student.

Students with a BBA or MBA degree will take the three required courses plus eight technical courses. Students with a computer science or computer-related engineering degree will take courses from each section, including management.

Curriculum

Information System Project Management 12 credits in Management group
Information Systems Security 12 credits in Technology group
Database Management Systems

Areas of Study

Cybersecurity and Information Assurance
Data Analytics (Big Data)
Database Management and Warehousing

Fraud, White Collar Crime and Digital & Financial Forensics
Information System Acquisition, Development and Management
System & Network Administration and Security

Special Topics Courses

Cybersecurity Competitions
Linux Scripting and Automation
Secure Web Application Development

Multivariate Analysis Methods
Security Risk Management
Text Mining & Sentiment Analysis

Information Assurance Policy
Advanced System and Network Administration
APPLICATION REQUIREMENTS

Application Fee
GMAT or GRE Scores
Online Application
Official Transcripts (Non-UNM Grads)
Plan of Study
Resume
TOEFL or IELTS (for International Applicants)

This program is looking for individuals with 30 credits or more in Business, Accounting, Computer Science (CS) or computer-related Engineering, Information Systems (IS) or Information Technology (IT) degree.

APPLICATION DEADLINES

Anderson offers three admission cycles: Spring, Summer, and Fall.

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<th>Priority Deadline</th>
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<th>Late Deadline</th>
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<tr>
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SCHOLARSHIPS & FUNDING

Anderson offers over $300,000 in scholarships, as well as over 80 graduate assistantships, project assistantships and student employment for both incoming and returning students.

For more information, please visit: msisa.mgt.unm.edu