INFORMATION TECHNOLOGY

Designed to prepare individuals for careers in research and/or industry, the program focuses on the use of information systems, cyber security and/or data analytics research methods to address challenging research problems in information systems, cyber security and/or data analytics.

PROGRAM HIGHLIGHTS

- Designed for highly-motivated individuals who want to work closely with world-class information systems and cyber security faculty.
- The focus is on strong research and analytical skills/competencies for conducting the highest-quality research.
- Annual stipend is $25,000 with opportunities for additional scholarships and fellowships. Grant funded Ph.D. student stipends may be higher, depending on qualifications, type of work and funding source. For example, for U.S. citizens only:
  - NSF CyberCorps(R) stipends ($34K/year plus tuition, books, fees and healthcare covered)
  - DoD Information Assurance Scholarship ($32k/year plus tuition, book allowance $625/semester, fees, healthcare covered, trip to a conference and laptop)
  - NSF CREST Center for Security and Privacy Enabled Cloud Computing (stipend and benefits vary, but are competitive with other scholarship opportunities)

PROGRAM REQUIREMENTS

The degree requires a minimum of 66 semester credit hours beyond the master’s degree. For those students who have not obtained a master’s degree, the degree requires a minimum of 84 semester credit hours.

If a student does not have the appropriate graduate degree, additional coursework may be required as determined by the Ph.D. Program Committee.

- Doctoral students are required to enroll in 21 credit hours each academic year with a minimum of 9 hours each fall and spring semester and 3 hours each summer.
- Full-time students should expect to complete the program in four to five years (not including any leveling coursework that may be required).
PROGRAM ACCOLADES

Ranked #1 nationally, according to a survey of certified information technology security professionals conducted by the Ponemon Institute for Hewlett-Packard and ranked as the #2 cyber security graduate program by universities.com.

Department has strong relationships with national research labs such as PNNL and ORNL and U.S. federal government agencies. Placements include Ph.D. granting institutions such as Louisiana Tech University.

Opportunity to gain valuable teaching experience and conduct high-quality research with faculty and their collaborators worldwide.

Our faculty consistently publishes in premier information systems journals such as MIS Quarterly, Information Systems Research and Journal of Management Information Systems and premier cyber security and data analytics journals such as IEEE Transactions on Dependable and Secure Computing, IEEE Transactions on Information Forensics and Security and IEEE Transactions on Big Data. Faculty publications are also listed as highly cited (top 1% in discipline) and hot (top 0.1% in discipline) on the Thomson Reuters (now known as Clarivate Analytics) Web of Science database.

SCHOLARSHIPS & ASSISTANTSHIPS

Early application is strongly recommended to be considered for additional scholarships. Assistantships are generally available to doctoral students in good academic standing for a period of four years.

- Assistantships pay $25,000 per year for half-time service (20 hours a week).
- Assistantship awards allow the student to be classified as “in-state”.
- In addition to the financial assistantship, tuition and fees are fully paid and waived for full-time students.

Travel Stipends/Research Grants

The College of Business provides support for Ph.D. student academic travel and generous grants to support research.

Contact

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