

Graduate Certificate in Network and Information Security



UNIVERSITY OF
LOUISVILLE[®]

Earn a Graduate Certificate in Network and Information Security from UofL!

Advance your career and increase your earning potential with a **100% online** Graduate Certificate in Network and Information Security from the University of Louisville. Our innovative curriculum and award-winning faculty provide an educational experience you won't find anywhere else.

Why choose UofL? You will...

- **Earn** your certificate in as little as 12 months
- **Interact** with other online learners across the globe
- **Increase** your earning potential and career opportunities
- **Learn** from faculty with distinguished academic credentials, industry experience and a strong commitment to applied research

Overview

As networking technology continues to rapidly advance, so do new and sophisticated threats and attacks to the nation's information infrastructure. This certificate will prepare you to respond to these challenges, training you to monitor and identify cyber criminals.

The graduate certificate in Network and Information Security is designed for advanced computer professionals who wish to strengthen their knowledge and skills in the fast-changing field of information security, as well as students majoring in disciplines other than Computer Engineering and Computer Science who want gain knowledge and skills in network and information security.

J.B. Speed School of Engineering

The University of Louisville's J.B. Speed School of Engineering has been educating technical professionals since 1924 and features classes and research taught by internationally recognized faculty as well as state-of-the-art computer and networking laboratories. The Department of Computer Engineering and Computer Science (CECS) is the only department in Kentucky with both computer science and computer engineering accreditations.

Faculty

Faculty at the University of Louisville are leaders in the field of information assurance, computer forensics, multimedia, data mining, data warehousing, and data analysis. Their expertise spans the use of text, web, numerical, and image databases. They have worked in application areas such as medical, e-commerce, security, military, institutional, and financial research. Faculty have authored textbooks, chapters and professional publications and received research awards from NSF, NASA, NIH, DoD, FAA and assisted in business development.

Students may complete the program entirely online, or combine online classes with on-campus classes.

For More Information

If you have any questions about this program and/or online learning, please contact:

online@louisville.edu or
1-800-334-8635 ext. 852.6456
www.louisville.edu/online

Area/Category	Online Course	Credit Hours
Required	CECS 564 – Introduction to Cryptology CECS 566 - Information Security	6
Two electives from the following	CECS 617 - Mobile Computing CECS 632 - Data Mining CECS 694 - Special Topic: Computer Forensics CECS 694 - Special Topic: Network Security CECS 694 - Special Topic: Information Assurance CECS 694 – Special Topic: Database Security	6
Total Credits (minimum required)		12

Note: some classes may apply towards the Master of Science in Computer Science.