CYBER SECURITY (CYBR)

CYBR 5930 Cyber Security Seminar
[0 credit hours]
All graduate students in the Master of Science in Cyber Security program are expected to attend the seminar each semester and to keep a journal of ideas, questions, and other items that may benefit their research. Students will also present their thesis and project results in the seminar.
Term Offered: Spring, Fall

CYBR 6800 Experiential Learning in Cyber Security
[3 credit hours]
This course will discuss advanced topics in computer and network security. It will revisit the foundation of cyber security, and then discuss recent attacks, analyze attack trends, and on-going activities in a number of emerging areas in cyber security. Students will also have the opportunities to learn real-world attacks and defenses through the UT Cyber Range infrastructure with the guidance from IT security team at UT.
Prerequisites: EECS 5640 with a minimum grade of D- and EECS 5720 with a minimum grade of D- and EECS 5790 with a minimum grade of D-
Term Offered: Fall

CYBR 6920 Cyber Security Project
[1-6 credit hours]
Intensive discipline specific study in cyber security for the project option, may include theoretical and experimental work. This course may be repeated for credit for up to 6 credit hours. The exact topic will be agreed upon mutually after discussion between the instructor and the student.
Term Offered: Spring, Summer, Fall

CYBR 6960 Cyber Security Research and Thesis
[1-9 credit hours]
Intensive discipline specific study in cyber security, including theoretical and experimental work. This course may be repeated for credit with minimum 9 cr hr required for the MS thesis. The exact topic will be agreed upon mutually after discussion between the instructor and the student.
Term Offered: Spring, Summer, Fall

CYBR 6970 Graduate Engineering Internship
[1 credit hour]
Faculty advisor approved industry, government, or agency internship to provide an experiential learning component to the Master's degree program.
Prerequisites: GNEN 5000 with a minimum grade of S
Term Offered: Spring, Summer, Fall

CYBR 6990 Independent Study in Cyber Security
[1-3 credit hours]
Intensive discipline specific study in cyber security up to 3 hours, may include theoretical and experimental work. This course may be repeated for credit. The exact topic will be agreed upon mutually after discussion between the instructor and the student.
Term Offered: Spring, Summer, Fall