

# Certificate of Undergraduate Study (CUGS) Blockchain Technologies and Cryptocurrencies

## Program Information

The Certificate of Undergraduate Study (CUGS) in Blockchain Technologies and Cryptocurrencies is designed to offer students the opportunity of a specialized study to provide students with experience in key courses of this discipline at the undergraduate level.

Certificate of Undergraduate Study in Blockchain Technologies and Cryptocurrencies 12 s.h.

This CUGS is available to all majors except Computer Science and Computing and Informatics. No previous experience or knowledge of blockchain technologies is required.

Students seeking this CUGS are required to successfully complete (grade of D- or better) the four courses in the order listed below:

Course Number	Course Name	Pre-Reqs	S.H.
CS 01104	Introduction to Programming and Problem Solving	None; python language strongly recommended	3
INTR 01301	Blockchain Applications	Jr. standing	3
CS 10250	Cryptography and Blockchain Essentials	None	3
CS 04350	Blockchain Programming*	requires CS 10250 and CS 01104	3

\*The fourth class serves as a capstone class. It requires completion of two Computer Science courses – one in Cryptography and one in Programming. The interdisciplinary course INTR 01301 Blockchain Applications, while not required as a prerequisite, is strongly recommended to be completed before the Blockchain Programming class.