Information Technology Program
Catalog 2019/2020 – 120 Hours

Mathematics – 10 hours
- STA 2023 (3 hrs) Intro to Statistics
- MAC 1147 (4 hrs) PreCalc Alg/Trig
- MAD 2104 (3 hrs) Discrete Math

Science – 6 hours
- PHY 2020 Conceptual Physics (3 hrs)
- COP 2512 (3 hrs) Programming Fund for IT
- CGS 1540 (3 hrs) Intro to Databases
- CGS 3303 (3 hrs) IT Concepts

English – 6 Hours
- ENC 1101 (3 hrs) Composition I
- ENC 1102 (3 hrs) Composition II

Science – 6 hours
- COP 2513 (3 hrs) Obj Oriented Program for IT
- CIS 3213 (3 hrs) Foundations of Cyber Security
- CIS 3433 (3 hrs) Sys Architecture and Integration for IT

IT Departmental Electives (18 hrs)

Additional requirements
- Gen Ed Humanities (3 hrs)
- Gen Ed Human and Cultural Diversity in GC (3 hrs)
- Gen Ed Information and Data Literacy (3 hrs)
- ENC 3246 Communication for Engineers (3 hrs)
- Foreign Lang (8 hrs or 2 years high school)

Industry internship
An industry internship is recommended for the third summer. Credit can be earned as CIS 4947 Industry Internship for IT (3 hrs – Approved IT Departmental elective). See Department Advisor for information.

Notes
1) MAC 1147 may require MAC 1105 College Algebra as a pre-req. Consult with the Department Advisor.
2) Allowed substitutions for INR 3033 include EGS 3720 Globalization and Technology and EGN 3615 Engineering Economics with Global and Social Implications.
3) IT Departmental Electives have varying pre-reqs – see the Department website for more information.
4) Approved General Electives are listed on the Department website and include courses in business and other areas of relevance to IT.