Information Technology Program
Catalog 2015/2016 – 120 Hours

NOTE: This flow chart is provided as a guide; the catalog is the only definitive source of requirements.

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
- FKL Natural Sciences Elective (3 hrs)
- PHY 2020 Conceptual Physics (3 hrs)

Science – 6 hours
- English – 6 Hours
  - ENC 1101 (3 hrs) Composition I
  - ENC 1102 (3 hrs) Composition II
- EGN 3000/3000L (1 hr) Foundations of Engineering
- CGS 1540 (3 hrs) IT Concepts
- CDA 3101 (3 hrs) Computer Org for IT

Breadth courses – 9 hours
- INR 3033 (3 hrs) International Issues
- PSY 2012 (3 hrs) Intro to Psych Sci (FKL Soc/Beh)
- ECO 2013 (3 hrs) Macroeconomics (FKL Soc/Beh)

General Education requirements
- FKL Humanities – 6 hrs
- FKL Fine Arts – 3 hrs
- FKL Human Cultural Diversity and GC – 3 hrs
- Foreign Lang – 8 hrs (or 2 years high school)

General Electives (6 hrs)
- EGN 3000/3000L
- CGS 1540
- COP 2930
- MAC 1147
- PHY 2020
- MAD 2104
- COP 2931

Senior standing and IT majors only
- COP 4703 (3 hrs) Database Systems for IT
- CEN 4031 (3 hrs) Software Engineering for IT
- COP 4610 (3 hrs) Operating Systems for IT
- COP 4930 (1 hrs) IT Seminar
- CIS 4935 (5 hrs) IT Senior Project (FKL capstone)

Exit requirements
- CIS 4253 IT Ethics (3 hrs) – Prereq is Junior or Senior standing and IT majors only
- ENC 3246 Communications for Engineers (3 hrs)

Industry internship
An industry internship is recommended for the third summer. Credit can be earned as CIS 4940 Industry Internship. See the Department Advisor for more information.

Notes
1) MAC 1147 may require MAC 1105 College Algebra as a pre-req. Consult with the Department advisor.
2) Either COP 2510 or COP 2930 is acceptable as the pre-req for COP 3515, CNT 4104/4104L, and COP 2931 (Objected Oriented Programming for IT).
3) ETG 4931 in catalog semester 6 is covered with an IT Approved Elective.
4) Approved General Electives come from a Department list and include both Departmental and non-Departmental courses.

Note: Department website lists IT Approved electives.