Information Technology Program
Catalog 2014/2015 – 120 Hours

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

For admission a GPA of 2.5 is recommended in PSY 2012, STA 2023, ECO 2013, CGS 2935, COP 2930, MAC 1147, PHY 2020, MAD 2104, and COP 2931 (or equivalent). Admission may be made based on academic performance in the five key courses as highlighted above. The remaining courses may be taken as an IT major.

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)
- CGS 2935 (3 hrs) Intro to Databases
- COP 2930 (3 hrs) IT Programming Concepts
- COP 3515 (3 hrs) IT Program Design
- EEL 4854 (3 hrs) Data Struc and Algorithms for IT

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

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)

Exit requirements
- CIS 4253 IT Ethics (3 hrs) – Prereq is “Basic computer skills”
- ENC 3246 Communications for Engineers (3 hrs)

Notes
1) MAC 1147 may require MAC 1105 College Algebra as a prereq. Consult with Department advisor.
2) COP 1930 is accepted as a CGS XXXX database course.
3) Advanced Written and Oral Communication for IT may be offered as ETG 4931 or CIS 4931.
4) Courses with a *930 or *931 number are “special topics” by designation. These courses are being put forward to the UG Council for a formal course number.
5) COP 3515 lists COP 2510 as the pre-req. Either COP 2510 or COP 2930 (IT Programming Concepts) is accepted.
6) There is no FKL capstone in the IT offered courses.
7) Internship or co-op is recommended for summer semester in the third year.

Departmental IT Electives
(15 hrs)

General Electives
(9 hrs)

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

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)
- CGS 2935 (3 hrs) Intro to Databases
- COP 2930 (3 hrs) IT Programming Concepts
- COP 3515 (3 hrs) IT Program Design
- EEL 4854 (3 hrs) Data Struc and Algorithms for IT

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

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)

Exit requirements
- CIS 4253 IT Ethics (3 hrs) – Prereq is “Basic computer skills”
- ENC 3246 Communications for Engineers (3 hrs)

Notes
1) MAC 1147 may require MAC 1105 College Algebra as a prereq. Consult with Department advisor.
2) COP 1930 is accepted as a CGS XXXX database course.
3) Advanced Written and Oral Communication for IT may be offered as ETG 4931 or CIS 4931.
4) Courses with a *930 or *931 number are “special topics” by designation. These courses are being put forward to the UG Council for a formal course number.
5) COP 3515 lists COP 2510 as the pre-req. Either COP 2510 or COP 2930 (IT Programming Concepts) is accepted.
6) There is no FKL capstone in the IT offered courses.
7) Internship or co-op is recommended for summer semester in the third year.