Computer Information Systems major

- Students must have an overall 2.5 GPA in courses required for the major.
- In addition to the below, eight hours in a single foreign language are required.

**Required Computer Science Courses (do NOT run every semester):**

- CMPT 201 (Intro to Data Structures)
  - offered every Fall semester
  - co-requisite MATH 105
- CMPT 202 (Intro to Data Structures)
  - offered every Spring semester
  - prerequisite CMPT 201
- CMPT 251 (Computer Systems and Programming) *in lieu of CMPT 260*
  - offered every Fall semester
  - prerequisite CMPT 201
- CMPT 307 (Database Systems)
  - offered every Fall semester
  - prerequisite CMPT 202
- CMPT 322 (Software Engineering)
  - scheduled every other year
  - prerequisite CMPT 202
- CMPT 375 (E-Commerce)
  - scheduled every other year
  - co-requisite CMPT 307
- CMPT 300Y (Proposal Writing class) – 0 credit class
  - offered every Fall semester
- CMPT 390 (Senior Capstone class)
  - offered every Spring semester
  - prerequisite: taken in the last Spring semester of your course of study

**Required Courses from Other Programs (all run every semester):**

**classes without prerequisites:**

- PHIL 206 (Introduction to Ethics) – fulfills LE requirement
- ECON 253 (Elementary Macroeconomics) – fulfills LE requirement
- MATH 141 (College Algebra) – fulfills LE requirement
- MATH 150 (Elementary Statistics)
- ACCT 213 (Accounting Principles)
- MGMT 305 (Principles of Management)

**classes with prerequisites or co-requisites:**

- IRM 200 (Principles of IRM)
  - co-requisite Math 150
- MKTG 300 (Principles of Marketing)
  - prerequisite: MATH 141
- ECON 263 (Elementary Microeconomics)
  - prerequisites: MATH 141, ECON 253
- FIN 300 (Business Finance)
  - prerequisites: ACCT 213, ECON 263, IRM 200, MATH 141, MATH 150

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Majors must take four hours from the list below.

*CMPT 202 is a prerequisite for all these classes:*

- **CMPT 335 – Computer Security**  
  (4 hours)  
  scheduled for every other year  
  *prerequisite CMPT 251*

- **CMPT 352 – Computer Networks**  
  (4 hours)  
  scheduled for every other year  
  *prerequisite CMPT 202*

- **CMPT 440 – Internship**  
  (4 hours)  
  Requires junior or senior standing, 2.5 GPA or higher, completion of 
  Career Resource Center Internship Workshop, and consent of program director 
  and Career Center Internship Coordinator.