Information Technology Major:
Advising Considerations for Georgetown College

Introduction

This is an interdisciplinary major, so the student is not required to complete a minor.

Detailed information about required courses that are offered through RIZE may be found here:

https://wandering-confidence-1a0.notion.site/Information-Technology-e561d03118804ffaa815caf3bb9b8b76

We provide here some possible four-year completion plans. There are two plans, one for entrance in an even Fall semester, another for entrance in an odd Fall semester.

Certain considerations that influenced the design of these sequences should be borne in mind when one designs any completion plan:

- It is helpful to take CSC 400 before ITMR 320, as CSC 400 includes an introduction to database queries with SQL.
- CSC 324 is offered in odd Falls only.
- CSC 215 is offered in odd Springs only.
- CSC 400 is offered in even Springs only.
- Currently the BUA 377 instructor agrees to waive the BUA 348 prerequisite, but this could change one day! (Students might consider doing BUA 348, but this course itself has many prerequisites.)

Typical Sequences

A typical four-year sequence (beginning in an EVEN-year Fall semester)

- Year 1, Fall
  - BUA 125 (F/S)
  - CSC 115 (F/S)
- Year 1, Spring
  - COMM 115 (F/S)
  - CSC 215 (odd S only)
  - CSCR 100 (F/S)
- Year 2, Fall
  - ITMR 100 (F/S)
  - CSC 324 (odd F only)
  - CSC 303 (F)
  - COMM 325 (Fall? Catalog does not specify.)

- Year 2, Spring
    - ITMR 200 (S)
    - CSC 400 (even S only)
- Year 3, Fall
    - ITMR 300 (F)
    - BUAR 105 (F/S)
    - CLDR 300 (F/S)
- Year 3, Spring
    - PHI 325 (F/S)
    - ITMR 320 (S)
- Year 4, Fall
    - BUA 377 (F, can get waiver of prereq BUA 348)
    - ITMR 400 (F)
- Year 4, Spring
    - ITMR 450 (S)

A typical four-year sequence (beginning in an ODD-year Fall semester)

- Year 1, Fall
    - BUA 125 (F/S)
    - CSC 115 (F/S)
- Year 1, Spring
    - COMM 115 (F/S)
    - CSCR 100 (F/S)
- Year 2, Fall
    - ITMR 100 (F/S)
    - COMM 325 (Fall? Catalog does not specify.)
    - BUAR 105 (F/S)
- Year 2, Spring
    - CSC 215 (odd S only)
    - ITMR 200 (S)
- Year 3, Fall
    - ITMR 300 (F)
    - CSC 303 (F)
    - CSC 324 (odd F only)
    - BUAR 105 (F/S)
- Year 3, Spring
    - PHI 325 (F/S)
    - CSC 400 (even S only)
    - ITMR 320 (S)
- Year 4, Fall
    - BUA 377 (F, can get waiver of prereq BUA 348)
    - ITMR 400 (F)

- o CLDR 300 (F)
- Year 4, Spring
    - o ITMR 450 (S)

Compressed Sequences

It *may* be possible to complete an IT major from scratch in just three academic years, without summer courses (which are seldom if ever available), special arrangements for transfer credit (very uncertain), and/or waivers (very limited).

Attempting to complete in three years, beginning in an odd Fall semester:

- Year 1, Fall
    - o BUA 125 (F/S)
    - o CSC 115 (F/S)
    - o ITMR 100 (F/S)
- Year 1, Spring
    - o COMM 115 (F/S)
    - o CSCR 100 (F/S)
    - o ITMR 200 (S)
- Year 2, Fall
    - o COMM 325 (Fall? Catalog does not specify.)
    - o ITMR 300 (F)
    - o BUA 377 (F, can get waiver of prereq BUA 348)
- Year 2, Spring
    - o BUAR 105 (F/S)
    - o CSC 215 (odd S only)
    - o ITMR 320 (S)
- Year 3, Fall
    - o CSC 324 (odd F only)
    - o CSC 303 (F)
    - o CLDR 300 (F)
    - o ITMR 400 (F)
- Year 3, Spring
    - o PHI 325 (F/S)
    - o ITMR 450 (S)
    - o CSC 400 (even S only)

Attempting to complete in three years, beginning in an even Fall semester:

- Year 1, Fall
    - o BUA 125 (F/S)

- o CSC 115 (F/S)
- o ITMR 100 (F/S)
- Year 1, Spring
    - o COMM 115 (F/S)
    - o CSC 215 (odd S only)
    - o CSCR 100 (F/S)
    - o ITMR 200 (S)
- Year 2, Fall
    - o COMM 325 (Fall? Catalog does not specify.)
    - o ITMR 300 (F)
    - o CSC 303 (F)
    - o CSC 324 (odd F only)
- Year 2, Spring
    - o ITMR 320 (S)
    - o BUAR 105 (F/S)
    - o CSC 400 (even S only)
- Year 3, Fall
    - o CLDR 300 (F)
    - o ITMR 400 (F)
    - o BUA 377 (F, can get waiver of prereq BUA 348)
- Year 3, Spring
    - o PHI 325 (F/S)
    - o ITMR 450 (S)

Certification Exams

It helpful to acquire certification in certain areas prior to graduation. Please visit the following page (see the Information Technology section) for up-to-date information on certification exams that you can attempt:

https://wandering-confidence-1a0.notion.site/Rize-Certification-Opportunities-bd0296ac5c814735ad8c6ebd2d4b2b1a

Note that the student is responsible for exam preparation, scheduling of exams, and payment of exam fees.