

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>

Certification Exams

If you can pass some certification exams in Information Technology, then you will have quite a leg up getting your first IT job. The RIZE curriculum prepares you for two certification exams through an organization called CompTIA. For more information on these exams and the courses that you need in order to prepare for each one, consult the Information Technology section of this page:

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

Note: You prepare the exams, arrange to take them, and pay for them *on your own*. Georgetown College does not pay exam fees, nor does it provide coaching for the exams.

Completion Plans

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:

- CSC 324 is offered in odd Falls 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.)

Two important notes before we go to the plans:

- You should not follow them blindly. **You should draw up your own plan!** When you make your own plan, carefully check the College Catalog to verify the prerequisites and

the schedule of offering of the courses. Offering schedules are given below in parentheses after each course, but that information can easily get out of date.

Typical Sequences

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

- Year 1, Fall
 - CSC 115 (F/S)
- Year 1, Spring
 - COMM 115 (F/S)
 - CSC 215 (S)
 - CYBR 100 (F/S)
- Year 2, Fall
 - ITMR 100 (F/S)
 - CSC 324 (odd F only)
 - CSC 303 (F)
 - COMM 325 (F)
- Year 2, Spring
 - ITMR 200 (S)
 - BUAR 105 (F/S)
- Year 3, Fall
 - ITMR 300 (F)
 - BUAR 105 (F/S)
 - CLDR 300 (F)
- 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)
 - CYBR 100 (F/S)
- Year 2, Fall

- ITMR 100 (F/S)
- COMM 325 (F)
- BUAR 105 (F/S)
- Year 2, Spring
 - CSC 215 (S)
 - ITMR 200 (S)
 - BUAR 105 (F/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)
 - ITMR 320 (S)
- Year 4, Fall
 - BUA 377 (F, can get waiver of prereq BUA 348)
 - ITMR 400 (F)
 - CLDR 300 (F)
- Year 4, Spring
 - 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
 - BUA 125 (F/S)
 - CSC 115 (F/S)
 - ITMR 100 (F/S)
 - BUAR 105 (F/S)
- Year 1, Spring
 - COMM 115 (F/S)
 - CYBR 100 (F/S)
 - ITMR 200 (S)
- Year 2, Fall
 - COMM 325 (F)
 - ITMR 300 (F)

- BUA 377 (F, can get waiver of prereq BUA 348)
- Year 2, Spring
 - BUAR 105 (F/S)
 - CSC 215 (S)
 - ITMR 320 (S)
- Year 3, Fall
 - CSC 324 (odd F only)
 - CSC 303 (F)
 - CLDR 300 (F)
- Year 3, Spring
 - PHI 325 (F/S)
 - ITMR 450 (S)
 - CSC 400 (even S only)

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

- Year 1, Fall
 - BUA 125 (F/S)
 - CSC 115 (F/S)
 - ITMR 100 (F/S)
 - BUAR 105 (F/S)
- Year 1, Spring
 - COMM 115 (F/S)
 - CSC 215 (S)
 - CYBR 100 (F/S)
 - ITMR 200 (S)
- Year 2, Fall
 - COMM 325 (F)
 - ITMR 300 (F)
 - CSC 303 (F)
 - CSC 324 (odd F only)
- Year 2, Spring
 - ITMR 320 (S)
 - BUAR 105 (F/S)
- Year 3, Fall
 - CLDR 300 (F)
 - ITMR 400 (F)
 - BUA 377 (F, can get waiver of prereq BUA 348)
- Year 3, Spring
 - PHI 325 (F/S)
 - ITMR 450 (S)