

UMSL is a NSA/DHS National Center of Excellence in Cyber Defense Education



Stated below are major requirements. In addition to stated required courses, students must also take five (Computer Science) or six (Computing Technology) additional electives 3000 and above. All these courses must be passed with at least C- (unless noted otherwise).

Students must also pass ENGL 3130. All students must also satisfy general UMSL requirements for a BS degree. Before enrolling in a course, you must first complete each of its prerequisite courses. Some waivers are possible based on experience. Please plan first courses that are required for other courses.

UMSL|NOW : Some courses available online; all courses available in the evening.

General electives credit only, not major credit, not required.

Math, major credit.

Cmp Sci

Inf Sys

Required for Computer Science

Required for Computing Technology

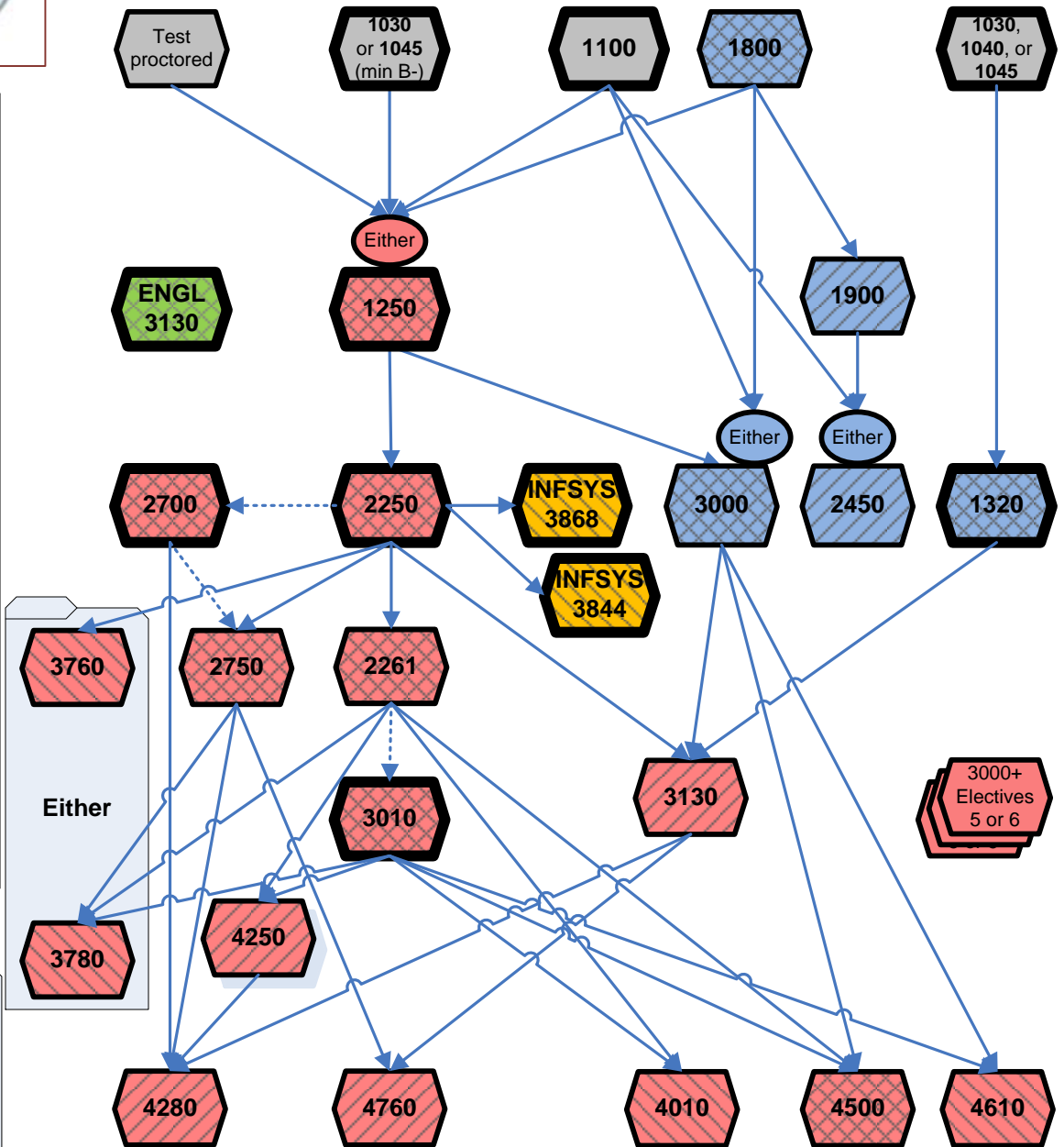
Required for both degrees

Available online starting 2019/20

A **C**

B **D**

A solid-line arrow, as shown on the left, means that A must be taken before B (prerequisite). A dashed-line arrow means that C must be taken before or concurrently with D (co-requisite).



Students with an introductory programming background, but without 1250 transferred in, can request to start with 2250. They will have 1250 credited upon successful completion of 2250 and they can also request to register for 2700 concurrently with 2250.

1250 and 2250 can be taken in one semester as a combo course (one after another in half semesters).

Unsure or undecided about your major?

BS in Computer Science, BS in Computing Technology and BS in Cybersecurity start with the same courses identified here so you can change majors easily into the first or second year. Switching majors between Computer Science and Computing Technology can place even later.