

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 six additional Cmp Sci electives 3000 and above – at most two of those can be in InfSys and must be preapproved. 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.

O **E** Online/Evening availability minimum once a year.

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

Math required **MATH**

Cmp Sci required **CMP SCI**

Engl required **ENGL**

InfSys required **INFSYS**

Required in all computing majors

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).

Available evening **E**

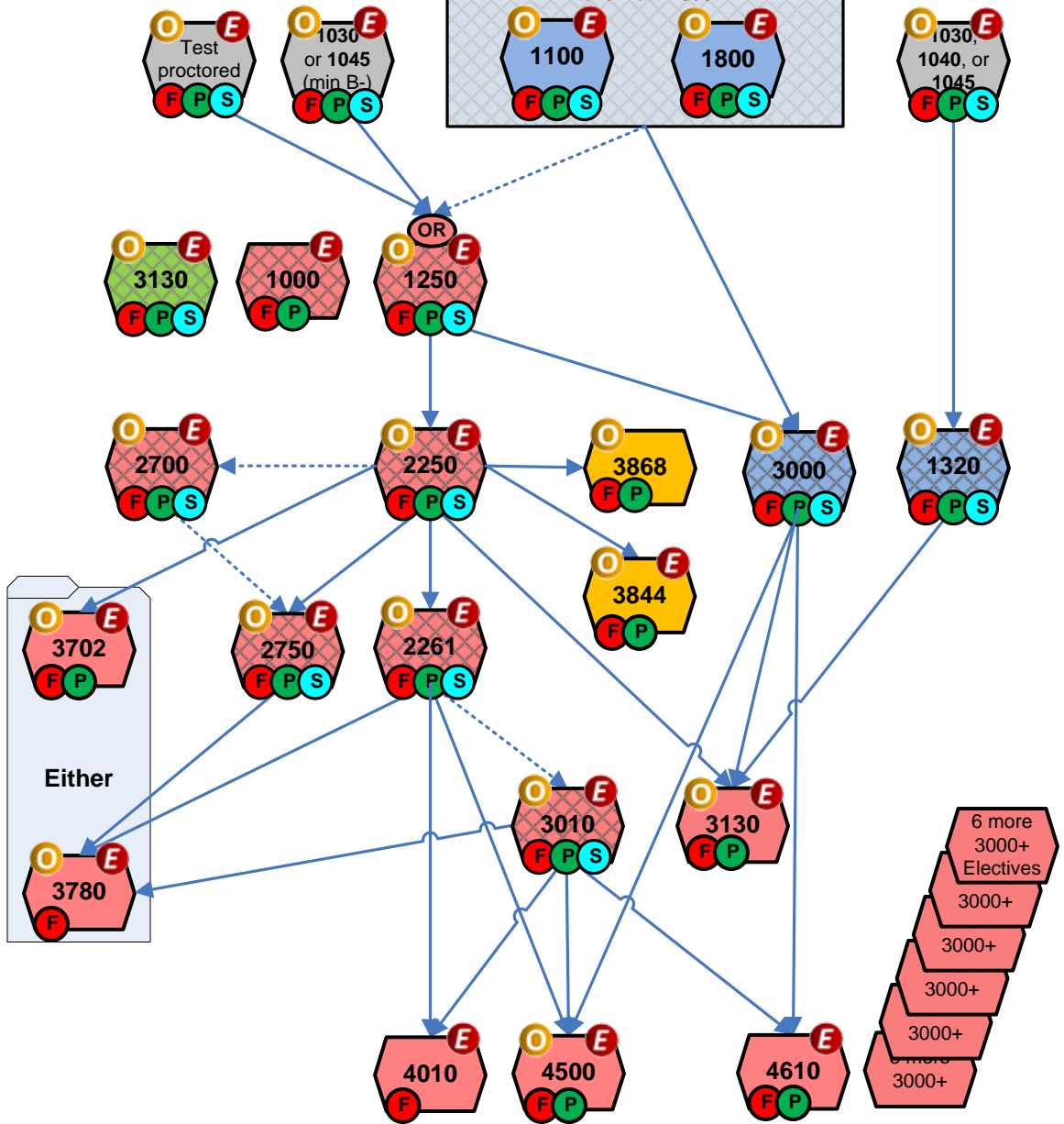
Available online **O**

Available Fall **F**

Available Spring **P**

Available Summer **S**

Computing Technology and Cybersecurity require **either** Math 1100 or 1800 but Computer Science requires Math 1800. Students unsure of degree are advised to take Math 1800



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).

Electives can be grouped into a certificate following a specific interest.