

# UMSL

## Computer Science

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



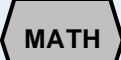
v2/9/2021

### BS in Cybersecurity, CS Emphasis

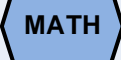
All these courses must be passed with at least C- (unless noted otherwise).  
 Before enrolling in a course, you must first complete each of its prerequisite courses.  
 Some waivers are possible based on experience. Please plan first courses that are required for other courses.  
 Low level prerequisites not required in any program are not shown

**Online/Evening availability minimum once a year. All required courses will be online for students starting FS2020 to complete fully online (some 4xxx-level start 2021)**

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



Math required



Cmp Sci required



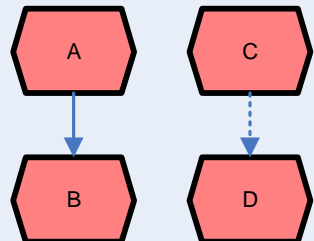
Engl required



InfSys required



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



Available online



Available Fall



Available Spring



Available Summer

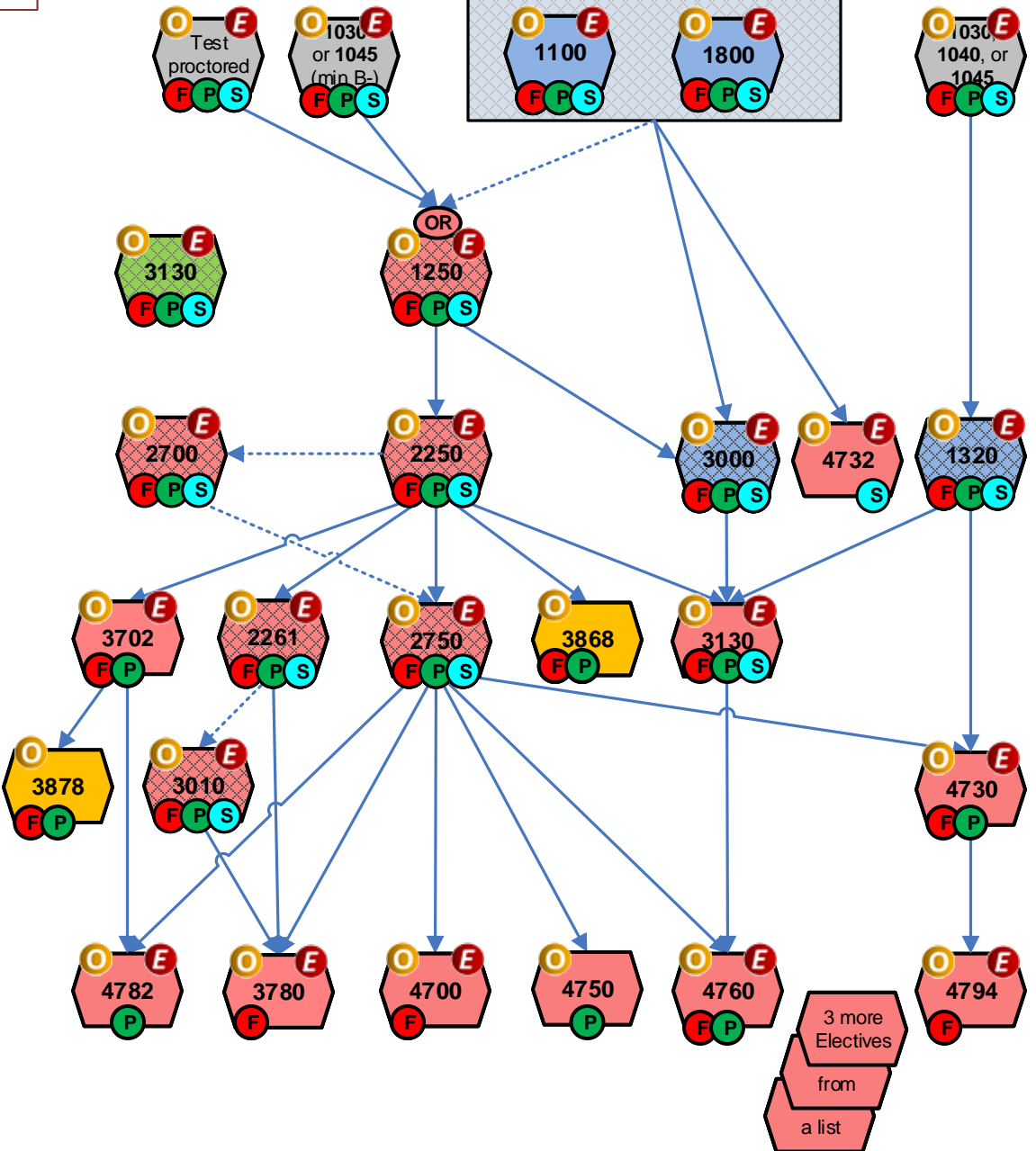


Students with an introductory programming background, but without 1250 transferred in, can request to start with 2250. They will have 1250 credited upon successful completion of 2250 and they can also request to register for 2700 concurrently with 2250.

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.

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



3 more Electives from a list