UMSL
Computer Science

Cmp Sci: Dependency for electives 4300-4500

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.

UMSL is a NSA/DHS National Center of Excellence in Cyber Defense Education
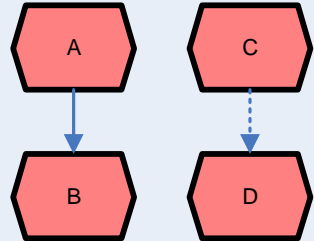
Math — **MATH**
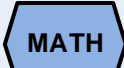
Cmp Sci — **CMP SCI**

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**
4420 every 2 years

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.

Course nodes

- Test proctored (F P S)
- 1030 or 1045 (min B-) (F P S)
- 1100 (F P S)
- 1800 (F P S)
- 1250 (OR) (F P S)
- 2700 (F P S)
- 2250 (F P S)
- 3000 (F P S)
- 1320 (F P S)
- 2750 (F P S)
- 2450 (F P S)
- 2261 (F P S)
- 3010 (F P S)
- 3130 (F P)
- 4200 (F)
- 4410 (F)
- 4500 (F P)
- 1900 (F P S)
- 4342 (OR) (P)
- 4390 (P)
- 4370 (P)
- 4420 (F)
- 4320 (P)
- 4340 (OR) (F)
- 4300 (F P)