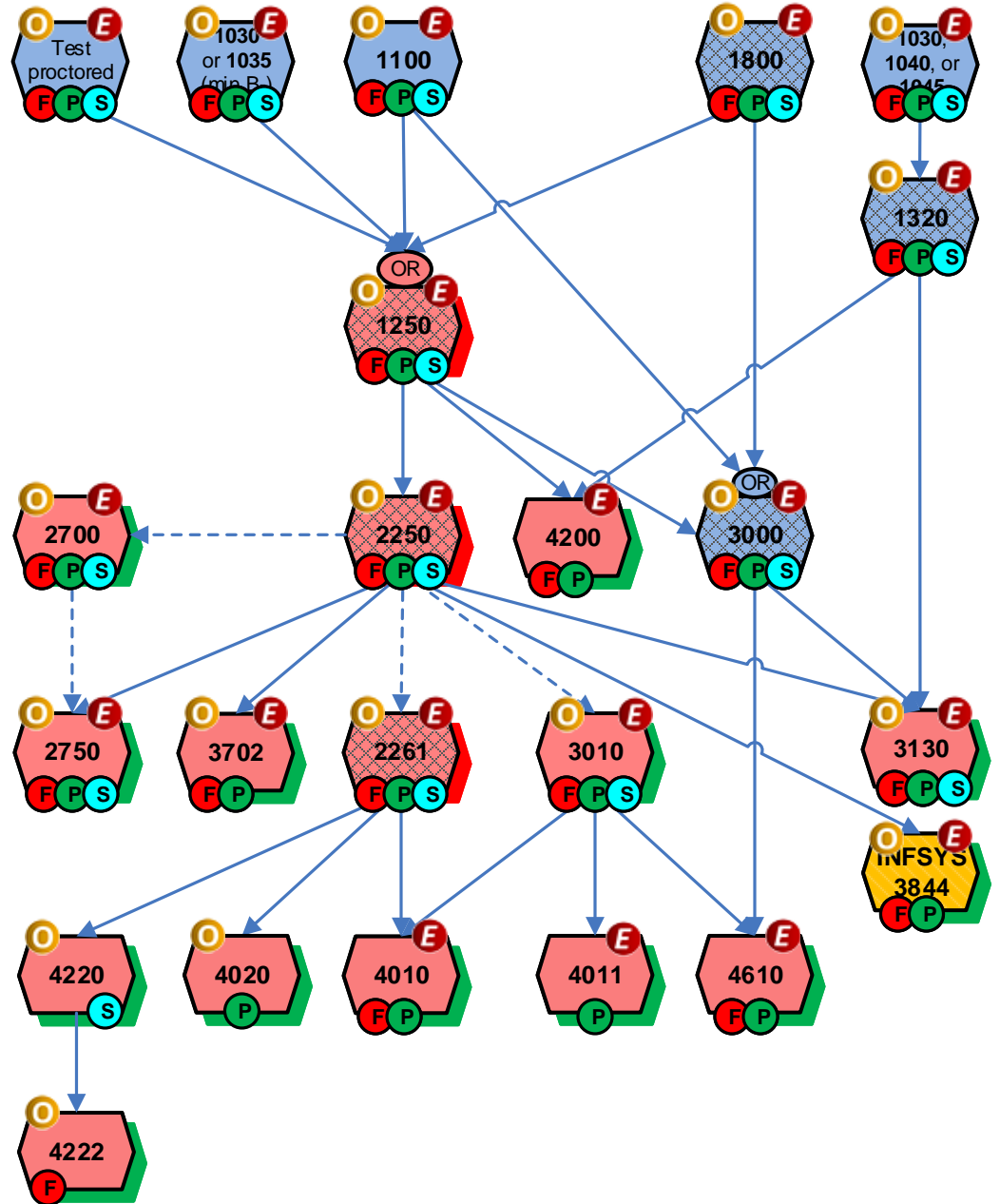
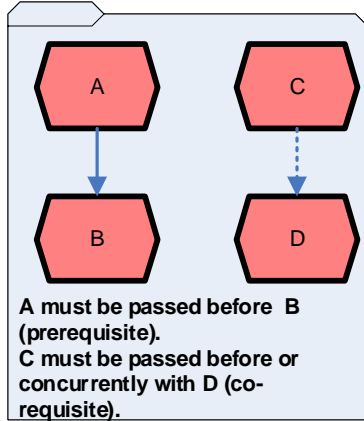
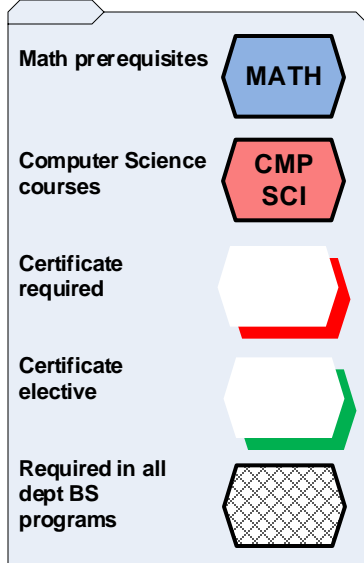


UMSL is a NSA/DHS National Center of Excellence in Cyber Defense Education



The undergraduate certificate in Computer Programming is a five-course (15 credit hours) program. It is designed to provide a quick yet broad training in technologies leading to secure and interesting careers in technology. A minimum GPA of 2.5 is required for admission. A minimum of three courses must be taken from UMSL. Courses may be substituted with the permission of the certificate coordinator. For more information, can contact the department chair or email info@arch.umsl.edu.



- 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.

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

Choosing specific electives can lead to specialization with a specialization certificate.

Choosing specific electives can also be used to prepare for MS in Computer Science for holders of other BS degrees.