Choosing an undergraduate degree related to Computer Science

All departmental degrees related to computer science start with the same common courses shown here. Anyone can switch between these majors at any time, but because all majors start with the common courses it is not important to make this decision before completing these courses.

All students completing this initial sequence are required to meet with a departmental adviser who will help choose the most desired major and assign corresponding adviser specific to the major and interests.

All of these lower level common courses can be finished in the first two semesters if desired, see the comments below.

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

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**General electives**
- Credit only, not major credit, not required.

**Math required in all computing majors**

**Cmp Sci required in all computing majors**

**Engl required in all computing majors**

**Available online starting 2019/20**

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**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).**

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**Fastest computer science curriculum for students with Cmp Sci 1250 transferred in or at least some C++ knowledge:**
- Semester 1: Cmp Sci 2250 + Cmp Sci 2700. Math 1100 or 1800 based on degree plan, Math 1320

**Fastest computer science curriculum for students having to start with Cmp Sci 1250:**
- Semester 1: Cmp Sci 1250+2250 combo. Math 1100 or 1800 based on degree plan, Math 1320