

Department of Computer Science and Engineering **Concentration in Mobile Computing** **(concentration code CMBL)**

This program is designed to offer a sequence of elective courses to CS/CPEG students who are interested in the field of mobile computing and communications.

The student must take the following two courses:

CSE30264	Computer Networks
CSE40814	Mobile Computing

In addition, the student must take **three** courses from the following list:

CSE 30246	Database Concepts
CSE 40333	Mobile Application Development
CSE 40416	System Interface Design
CSE 40424	Human Computer Interaction
CSE 40633	Advanced Mobile Application Development
CSE 40943	Autonomous Mobile Robots
CSE 48901	Undergraduate Research (can be taken twice)

Undergraduate Research (CSE48901) must focus on a topic in the area of mobile computing or wireless networks and must be taken for a minimum of three credit hours to count as a full course. Six credit hours of undergraduate research count as two of the three elective courses. Due to frequent changes in course offerings, students interested in this concentration are encouraged to contact one of the faculty members listed below to obtain approval to count a course not listed above towards the concentration requirements.

Note that CPEG students pursuing this concentration will have to take course load that exceeds their minimum credit requirements for their degree. Students who are interested in pursuing this program may contact one of the following:

Christian Poellabauer	CSE Associate Professor
Patrick Flynn	CSE Full Professor
Ramzi Bualuan	CSE Director of Undergraduate Studies
Kevin Bowyer	CSE Department Chair