BSE4100 Software Engineering project I (5CU)

Course Objectives; Upon successful completion of this course the student will have ability to: (i) Demonstrate independent skills in collecting requirements, documenting user requirements and technical requirements for non-travails of software engineering/research projects by pursuing a lengthy Software engineering project; and (ii) Demonstrate skills of specifying, designing and implementing a project,with assistance of one of the Professors/Lecturers as adviser/supervisor.

Course Content; The student develops a framework within which research will be conducted and offers evidence of qualifications to pursue the research. Concepts and theories underlying the student’s Project research are articulated, the problem is clearly stated, and specific, measurable goals are specified, a literature review is presented, the methods of conducting research are delineated, and strategy to achieve the goal is given.

The specific deliverables are (i) a requirements document clearly specified in well-known and acceptable notation (ii) technical Specification Document (iii) Detailed design document.

References No particular reference will be used for this course unit, except whatever is recommended by the student supervisors.