Fall semester	
Pharmaceutical Organic chemistry I	
Course code	PC 102
Programme(s) on which the course is given:	Bachelor of pharmacy - PharmD Program
Academic year:	Level 1 – First semester
Contact hours (credit hours):	Lecture: 2 (2), Practical: 2 (1), Total: 4(2+1)

Overall Aims of Course:

Upon successful completion of this course the students will be able to:

- Demonstrate knowledge of the basic concepts of organic chemistry effectively.
- Carry simple organic experiments safely and under the supervision of their instructors.

- The objective of this course is to provide students with the basic knowledge in Pharmaceutical Organic Chemistry, which will serve as fundamentals for other courses offered during subsequent semesters. This course involves electronic structure of atom, alkanes [nomenclature, synthesis and reactions (free radical reactions)], and cycloalkanes, alkenes, alkadienes, alkynes, alkyl halides (nomenclature, preparation and chemical reactions (SN1, SN2, E1, E2), alcohols, ethers and epoxides. In addition it covers stereochemistry (Optical isomerism, racemic modification and nomenclature of configurations).