

| Course Description | | | | | |
|-------------------------------------|---|---|-------------------------|---------------------------|------|
| Name | Code | Semester | T+A Hour | Credit | ECTS |
| DRUG USAGE in CLINICAL PHARMACY | ECFY1246340 | Spring Semester | 3+0 | 3 | 6 |
| Prerequisites Courses | | | | | |
| Recommended Elective Courses | | | | | |
| Language of Instruction | Turkish | | | | |
| Course Level | Second Cycle (Master's Degree) | | | | |
| Course Type | Elective | | | | |
| Course Coordinator | Assist.Prof. Çağlar MACİT | | | | |
| Name of Lecturer(s) | Assist.Prof. Neda TANER, Assist.Prof. Rashida Muhammad UMAR, Assist.Prof. Büşra Nur ÇATTIK, Assist.Prof. Çağlar MACİT | | | | |
| Assistant(s) | | | | | |
| Aim | Individualized drug use and use of drugs in special patient population | | | | |
| Course Content | This course contains; Introduction ,Use of drugs in pediatrics ,Use of drugs in geriatrics ,Use of drugs in pregnancy ,Use of drugs in lactating mothers ,Use of drugs in renal insufficiency,Use of drugs in hepatic insufficiency/dysfunction,Infectious diseases and rational antibiotic use ,Drug use in oncology patients ,Patient assessment and drug use in Critical care patients,Drug use evaluation ,Hospital formulas,Pharmacoeconomics,Preventive pharmacy. | | | | |
| Course Learning Outcomes | | | Teaching Methods | Assessment Methods | |
| | | | 10, 14, 16, 9 | A | |
| Teaching Methods | 10: Discussion Method, 14: Self Study Method, 16: Question - Answer Technique, 9: Lecture Method | | | | |
| Assessment Methods | A: Traditional Written Exam | | | | |
| Lecture Schedule | | | | | |
| Sequence | Topics | Preliminary Preparation | | | |
| 1 | Introduction | | | | |
| 2 | Use of drugs in pediatrics | References | | | |
| 3 | Use of drugs in geriatrics | References | | | |
| 4 | Use of drugs in pregnancy | Christof_Schaefer,_Paul_W.J._Peters,_Richard_K_Mi(BookFi.org) | | | |
| 5 | Use of drugs in lactating mothers | Christof_Schaefer,_Paul_W.J._Peters,_Richard_K_Mi(BookFi.org) | | | |
| 6 | Use of drugs in renal insufficiency | References | | | |
| 7 | Use of drugs in hepatic insufficiency/dysfunction | References | | | |
| 8 | Infectious diseases and rational antibiotic use | References | | | |
| 9 | Drug use in oncology patients | References | | | |
| 10 | Patient assessment and drug use in Critical care patients | References | | | |
| 11 | Drug use evaluation | References | | | |
| 12 | Hospital formulas | References | | | |
| 13 | Pharmacoeconomics | References | | | |
| 14 | Preventive pharmacy | References | | | |
| Evaluation Methods | | Weight(%) | | | |
| Midterm Exam | | 50 | | | |
| General Exam | | 50 | | | |

Resources

Pharmacotherapy text book,
 Clinical pharmacy and therapeutics.
 Patient Assessment in Clinical Pharmacy. A Comprehensive Guide. Ed: Sherif Hanafy Mahmoud.
 Micromedex, medscape, Lexicomp, Rx media drug information systems