**Ankara Üniversitesi  
Kütüphane ve Dokümantasyon Daire Başkanlığı**

**Açık Ders Malzemeleri**

Syllabus Pharmaceutical Chemistry I Practice

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| Dersin Kodu ve İsmi | PHA385- PHARMACEUTICAL CHEMISTRY PRACTICE I |
| Dersin Sorumlusu | Prof. Dr. Tunca Gül Altuntaş |
| Dersin Düzeyi | Bachelor's Degree |
| Dersin Kredisi | 2 |
| Dersin Türü | Compulsory |
| Dersin İçeriği | In this course formula, nomenclature, general physicochemical properties, general synthetic pathways, metabolism, stability, general chemical analysis, structure-activity relationships of pharmaceutical active ingredients used in diagnosis and treatment of some diseases are given. Within this general topic introduction to medicinal chemistry, metabolism, structure-activity relationships, transport systems, chemical bonding, narcotic analgesics, non steroidal antiinflammatory drugs, sedative and hypnotic drugs, tranquilizing drugs, neuroleptics, anticancer drugs, general anesthetics, local anesthetics, antidepressants, myorelaxant drugs, anticonvulsants, antiepileptics, antihistamines are taught. |
| Dersin Amacı | * Aim of this course is to teach, design and synthesis of natural and synthetic origin pharmaceutical active ingredients used in diagnosis and treatment of Central nervous system disorders, and generally have an educational concept of to teach the basic concepts of medicinal chemistry and drug groups. |
| Dersin Süresi | 4hours/week |
| Eğitim Dili | English |
| Ön Koşul | - |
| Önerilen Kaynaklar | Ankara Üniversitesi Eczacılık Fakültesi Farmasötik Kimya Pratikleri 1-2 ISBN: 975-482-649-8 Ankara Üniversitesi Basımevi, 2004  Organik Kimya, Graham Solomon, Craig Fryhle, Literatür Yayıncılık  Denel Organik Kimya, Ender Erdik, Ankara Üniversitesi Yayınları  Synthesis of Essential Drugs, Ruben Vardanyan, Victor Hruby, Elsevier  İlaçların Tanınması ve Kantitatif Tayini Prof. Dr. Nedime Ergenç, Prof. Dr. Aysel Gürsoy, Prof. Dr. Öznur Ateş İstanbul Üniversitesi Yayınları (No: 3566) 4. Baskı, 1989 ISBN: 975-404-124-5 |
| Laboratuvar | Laboratory practice |
| Diğer-1 | - |