

Module Handbook

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| Module Name : | Pharmacotherapy |
| Module Level : | Bachelor |
| Abbreviation, if applicable : | FAT401 |
| Sub-heading, if applicable : | |
| Courses included in the module, if applicable : | |
| Semester / term : | 1 / Fourth year |
| Module coordinator(s) : | Dr. Suharjono, Apt., MS |
| Lecturer(s) : | Dr. Budi Suprapti, M.Si. |
| | Dr. Suharjono, Apt., MS |
| | Bambang S.Z, S.Si, Apt, M.Clin.Pharm |
| | Drs Didik Hasmono, Apt, MS |
| | Dr. Yulistiani, Apt, M.Si. |
| | Junaidi Khotib, SSi, Apt., MKes.,PhD. |
| | Drs. Sumarno, Apt., Sp.FRS. |
| | Wenny Putri N., SFarm., Apt., Sp.FRS |
| | Mahardian R., S.Si, Apt., MSc.PhD |
| | Dra. Toetik Ariani, Apt, M.Si.. |
| | Dra. Aniek Setiya Budiatin, M.Si., Apt. |
| | Samirah, SSi,Apt.Sp.FRS.. |
| | Zamrotul Izzah, S.Farm, Apt., MSc. |
| | Khoirotin Nisak, S.Farm, M.Farm., Apt. |
| | Pharmasinta Putri H, S.Farm., Apt. |
| | Chrimawan Ardianto., S.Farm., M.Sc., Ph.D., Apt |
| | Dewi Wara Shinta, S.Farm, M.Farm-Klin., Apt. |
| | Mareta Rindang A, S.Farm., Apt. |
| | Arina Dery Puspitasari, S.Farm., M.Farm.Klin., Apt. |
| | Dinda Monika Nusantara Ratri, S.Farm., M.Farm.Klin., Apt. |
| Language : | Bahasa Indonesia |
| Classification within the curriculum : | Compulsory Course / Elective Studies |
| Teaching format / class hours per week during the semester : | 100 minutes lectures, 50 minutes tutorial, 13 lecture classes/semester |
| Workload | Total 32 hours a semester |
| Credit Points : | 3 |
| Requirements : | Biopharmaceutics (FAF 301) |
| Learning goals/competencies : | <p>Knowledge</p> <ul style="list-style-type: none"> - To understand and be able to explain the definition. <p>Skills</p> <ul style="list-style-type: none"> - Discipline/Attendance, teamwork,critical thinking and communication. <p>Competence</p> <ul style="list-style-type: none"> - To understand classification of the disease, etiology/pathophysiologi, clinical-laboratory manifestations, complications of the disease. - To be able to manage drug therapy and pharmaceutical care for related diseases. |

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| Content : | Therapy algorithm of related diseases and pharmaceutical care such as Endocrine (Diabetes Mellitus), Bone, and Joint disease (Gout, OA, OP, RA), Infections (respiratory tract, HIV AIDS, Surgery, Urinary Tract Infection (UTI), Cerebral), Gastrointestinal tract (Diarrhea), Constipation, Peptic ulcer, GERD, Dyspepsia, Cardiovascular (Hypertension, Coronary heart disease (CHD)) |
| Study/exam achievements : | <p>Student are considered to be competent and pass if at least get 50% of maximum mark of the exams based learning.</p> <p>Final score is calculated as follow : 50% Exam I + 50% Exam II</p> <p>Final index is defined as follow : A : ≥ 75 AB : 70 – 74,9 B : 65 – 69,9 BC : 60 – 64,9 C : 55 – 59,9 D : 40 – 54,9 E : <40</p> |
| Forms of Media : | LCD, whiteboard, internet |
| Literature : | <ol style="list-style-type: none"> 1. Neal MJ., 2015, <i>Medical Pharmacology at Glance</i>, 9th ed, Blackwell Publishing Comp, Oxford UK. 2. Walmsley RN, Watkinson LR, Cain HJ., 1999, <i>Cases in Chemical Pathology a Diagnostic Approach</i>, 4th ed, World Scientific, USA 3. Dipiro JT et al., 2017, <i>Pharmacotherapy, A Pathophysiologic Approach</i>, 10th ed, McGraw Hill Companies Inc., USA 4. Wells, Barbara et al, 2014, <i>Pharmacotherapy Handbook</i>, 9th ed., Mc Grow Hill Education 5. Luellmann, Heins, 2005, <i>Color Atlas of Pharmacology</i>, 3rd ed. Thieme 6. Reese, R.E, 2000, <i>Handbook of Antibiotics</i>, 3rd ed, Lippincot Williansand Wilkins |
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