

PHARMACEUTICAL SERVICES MANAGEMENT

Module designation	<i>Pharmaceutical Services Management</i>
Semester(s) in which the module is taught	1
Person responsible for the module	1. Hanni P.P , Ph.D (Course Coordinator) 2. Prof. Dr. Umi Athiyah, MS, Apt. 3. Dr. Wahyu Utami, MS, Apt.
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory / elective / specialisation</i>
Teaching methods	<i>lecture, discussion, assignment</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated) Total workload: Contact hours (structured activities.): 90,67 hours Private study including independent learning activities: 90,67 hours</i>
Credit points	<i>2 SCU / 6 ECTS</i>
Required and recommended prerequisites for joining the module	NA

<p>Module objectives/intended learning outcomes</p>	<p>Students are:</p> <p>LO1: Able to realize excellence based on religious morals (excellence with morality), able to work together, and show a responsible attitude to work in their field of expertise independently</p> <p>LO2: Able to internalize the spirit of independence, struggle, and entrepreneurship</p> <p>LO4: Able to develop a pharmaceutical professional performance with analytical acumen in solving pharmaceutical problems and managing research in the pharmaceutical field related to national and global systems and policies, both inter and inter-disciplinary approaches.</p> <p>LO5: Able to access and review information through an Information and Communication Technology (ICT) system, decide on a specific subject of study, maintain the feasibility of implementing research designs, conduct research, analyze data, conclude research results comprehensively, and create strategic issues based on the study that reflect the latest updates in the field of pharmaceutical sciences, and communicate them in the media and scientific forums at the national and international level through an interdisciplinary or multidisciplinary approach in the form of a thesis or other equivalent forms.</p> <p>LO6: Able to make decisions in the context of solving problems related to science and technology development based on analytical or experimental studies through collaboration with colleagues, colleagues in institutions and research communities at both national and international levels and utilizing research results for the benefit of the user and other communities.</p> <p>LO10: Able to develop pharmaceutical management systems and policies related to the referral health care system and the role and function of pharmacists as an integral part of the health care team in order to improve community welfare.</p> <p>LO14: Able to build drug management systems from active pharmaceutical ingredients to finished products that are ready for therapeutic uses.</p> <p>LO15: Able to plan and organize concepts and procedures for quality assurance and recommendations on pharmaceutical products, which include drugs, cosmetics, foods, and beverages as products and therapeutic goods</p>
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Content	<ol style="list-style-type: none"> 1. This course is delivered face-to-face in class, combined with literature studies and project-based learning methods that utilize e-learning facilities. Lecture material on pharmaceutical care as a philosophy of practice and pharmaceutical strategic management is presented as an introduction before students conduct a literature study on articles accessed through relevant databases in order to compile treatment service management designs in various service settings as well as design innovative pharmaceutical service development following the dynamics of community needs. 2. Present material containing: Health and health care in Indonesia, The health profession and Pharmacy Organization, Managed care pharmacy, The role of the pharmacist in disease management, The system of pharmaceutical care, Pharmaceutical care as a management movement, Pharmacist role in long-term care, The consumers of health care, Patient safety.
Exams and assessment formats	<i>Final exam (100 minutes), take-home written assignments</i>
Study and examination requirements	<i>the final grade in the module is composed of 50% performance on final exams and 50% take-home assignments. Students must have a final grade of 70% or higher to pass</i>
Reading list	<ol style="list-style-type: none"> 1. Managing Pharmacy Practice: Principles, Strategies and Systems. 2004. Peterson AM. Boca Raton: CRC Press LLC 2. Pharmacy Management: Essentials for All Practice Settings. 2009. Desselle SP, Zgarrick DP. New York: The McGraw-Hill Companies, Inc 3. Remington: An Introduction to Pharmacy. 2013. Allen LV. London: Pharmaceutical Press 4. Stone P, Curtis SJ, 2002, <i>Pharmacy practice</i> 3rd ed, London: Pharmaceutical Press. 5. Gennaro AR, 2005, <i>Remington's the science and practice of pharmacy</i> 21st ed, Philadelphia: Lippincott Williams & Wilkins. 6. Whalley BJ, Fletcher RE, Weston SE, Howard RL, Rawlinson CF, 2008, <i>Foundation in pharmacy practice</i>, London: Pharmaceutical Press. 7. Cipolle RJ, Strand L, Morley P, 2012, <i>Pharmaceutical care practice: the patient centered approach to medication management</i> 3rd ed, New York: McGraw Hill Companies, Inc. 8. Roberts A, Benrimoj C, Dunphy D, Palmer I, 2007, <i>Community pharmacy strategic change management</i>, Sydney: McGraw Hill Companies, Inc.