

Module designation	Pharmacology in Nursing
Semester(s) in which the module is taught	2nd (Two)
Person responsible for the module	Dr. Desiyani Nani, S.Kep., Ns., M.Sc
Language	Bahasa Indonesia English
Relation to curriculum	Compulsory
Teaching methods	<ol style="list-style-type: none"> <li>1. Lecture and discussion</li> <li>2. Group Presentation</li> <li>3. Case based Learning</li> <li>4. Small group Discussion</li> <li>5. Project Based Learning</li> <li>6. Practicum</li> </ol>
Workload (incl. contact hours, self-study hours)	<p>Total contact hours of scheduled learning activities</p> <ol style="list-style-type: none"> <li>a. In class session: 100 minutes/weeks for 16 weeks or 26.67 /semester</li> <li>b. Laboratory session: 170 minutes/weeks for 16 weeks or 45,3 hours/semester</li> <li>c. Self-study hours: 120 minutes/weeks or 32 hours/semester</li> <li>d. Assignment: 120 minutes/week for 16 weeks or 32 hours/semester</li> </ol>
Credit points	3 credit points (2-1)/ 5,44 ECTS
Required and recommended prerequisites for joining the module	none
Module objectives/intended learning outcomes	<p>After completing this course, students are able to:</p> <ol style="list-style-type: none"> <li>1. ILO1 (A1): Show devotion to God Almighty, demonstrate a professional attitude, apply ethical principles, and have legal and cultural perspectives in nursing based on the values of honesty, caring, and persistence in performing duties in the field of nursing ; CLO1: Show professional, honest, and responsible attitudes in participating of Pharmacology in Nursing course.</li> <li>2. ILO2 (K1): Master the application of nursing science and general skills in nursing; ; CLO2: Re-explain Basic Concepts of Pharmacology,</li> </ol>

	<p>Classification of Drugs, Pharmacodynamics and Pharmacokinetics, Traditional Medicines, Herbs and Dietary Supplements, and Drug Toxicology</p> <p>3. ILO6 (C2): Provide professional nursing care based on Evidence Based Practice (EBP) to improve the quality of nursing care and client safety; CLO3: Re-demonstrate calculation of drug doses, drug dosage forms, enteral and parenteral drug administration routes.</p>
Content	<p>This course is part of the basic nursing biomedical science group which discusses the basic concepts of pharmacology, pharmacodynamics, pharmacokinetics, the role of nurses and patient rights in drug administration, principles of drug administration to patients, the collaborative role of nurses in drug administration, classification, side effects and toxicology administration of medicines, and herbal and traditional medicines</p>
Examination forms	<ol style="list-style-type: none"> <li>1. Written test (mid and Final Term)</li> <li>2. Group performance discussion</li> <li>3. Reports (CBL and SGD)</li> <li>4. Presentation performance</li> <li>5. Structured Assignment report</li> <li>6. PjBL report</li> <li>7. Practicum exam</li> </ol>
Study and examination requirements	<ul style="list-style-type: none"> <li>- Student must attend, at a minimum 75% of face-to-face or synchronous online class meetings</li> <li>- Student must submit all assignments before the deadline</li> <li>- Student must attend the exam</li> </ul>
Reading list	<ol style="list-style-type: none"> <li>1. Lestari, Siti. 2016. Modul Buku Ajar Farmakologi Dalam Keperawatan Kemenkes RI</li> <li>2. Kee, J.L &amp; Hayes, ER. 2019. Farmakologi Pendekatan Proses Keperawatan. EGC</li> <li>3. Tucker, R. G. (2021). <i>2022 Lippincott Pocket Drug Guide for Nurses</i>. Lippincott Williams &amp; Wilkins.</li> <li>4. Skidmore-Roth, L., &amp; NP, R. M. (2023). <i>Mosby's 2024 Nursing Drug Reference-E-Book</i>. Elsevier Health Sciences.</li> <li>5. Novieastari, E., Ibrahim, K., Ramdaniati, S., &amp; Deswani, D. (Eds.). (2019). <i>Fundamentals of Nursing Vol 1-9th Indonesian Edition</i>. Elsevier (Singapore) Pte Limited.</li> </ol>

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|  | <ol style="list-style-type: none"><li>6. Potter, P. A., Perry, A. G., Stockert, P. A., &amp; Hall, A. (2019). <i>Fundamentals of Nursing Vol 2-9th Indonesian edition</i>. Elsevier Health Sciences.</li><li>7. Tozer, T. N., &amp; Rowland, M. (2007). <i>Farmakokinetika &amp; Farmakodinamika Dasar Kuantitatif Terapi Obat. Edited by AH Hadinata. Jakarta: Penerbit Buku Kedokteran EGC.</i></li><li>8. Sutrisna, E. M. (2016). <i>Herbal medicine: suatu tujuan farmakologis</i>. Muhammadiyah University Press.</li></ol> |
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