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| Course Title | Internal Medicine and Pathophysiology II | | | | |
| Course Code | NURS206 | | | | |
| Course Type | Compulsory | | | | |
| Level | BSc (Level 1) | | | | |
| Year / Semester | 2 nd / Spring | | | | |
| Instructor's Name | Dr. George Miltiadous | | | | |
| ECTS | 5 | Lectures / week | 3 | Laboratories/week | None |
| Course Purpose | <p>The purpose of this course is to enhance the knowledge gained with Internal Medicine and Pathophysiology I on the cellular mechanisms involved in the disease process. Special emphasis will be given to the common haematological diseases, the general principles of cancer therapy, the common neurological, renal gastrointestinal, liver, biliary tract and pancreatic diseases. At the end of the course students will be able to explain the pathogenesis of each disease.</p> | | | | |
| Learning Outcomes | <ul style="list-style-type: none"> - Describe the clinical features, how to investigate and the general principles of therapy of the common haematological diseases. - Demonstrate a knowledge of the biology of cancer, how to diagnose a malignancy, the clinical features and the general principles of cancer therapy. - Explain principles and basic mechanisms of infection and infectious disease, how to approach a patient with a suspected infection and the general principles of antimicrobial chemotherapy. - Describe the clinical features, how to investigate and the general principles of therapy of the common neurological diseases. - Apply the appropriate skills related to how to investigate and the general principles of therapy of the common renal diseases. - Describe the clinical features, how to investigate and the general principles of therapy of the common gastrointestinal, liver, biliary tract and pancreatic diseases. | | | | |
| Prerequisites | None | | Co-requisites | None | |
| Course Content | <ul style="list-style-type: none"> - Pathophysiological mechanisms, clinical features, clinical and laboratory investigation and general principles of treatment of the common haematological diseases. - Biology of cancer, diagnosis of a malignancy, Pathophysiological | | | | |

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| | <p>mechanisms, clinical features, clinical and laboratory investigation and general principles of treatment of cancer.</p> <ul style="list-style-type: none"> - Principles and basic mechanisms of infection and infectious disease, approach of a patient with a suspected infection and general principles of antimicrobial chemotherapy. - Pathophysiological mechanisms, clinical features, clinical and laboratory investigation and general principles of treatment of the common neurological diseases. - Pathophysiological mechanisms, clinical features, clinical and laboratory investigation and general principles of treatment of the common renal diseases. - Pathophysiological mechanisms, clinical features, clinical and laboratory investigation and general principles of treatment of common gastrointestinal, liver, biliary tract and pancreatic diseases. |
| <p>Teaching Methodology</p> | <p>The course is delivered to the students through lectures, using computer-based presentations programmes. Case Studies, Discussion, Questions / Answers are also used depending on the content of the lecture. Lecture notes and presentations are available online for use by students in combination with textbooks. Relevant material published in international scientific journals are also used to follow the latest developments related to the subject of the course.</p> |
| <p>Bibliography</p> | <p>a. <u>Textbooks:</u></p> <p>Kasper, D.L., Fauci, A. S., Hauser, S. L., Longo, D. L., Jameson, L. & Loscalzo, L. (2018). <i>Harrison's Principles of Internal Medicine</i> (Vol.1 & Vol.2), 20th ed. McGraw Hill.</p> <p>Kasper, D.L., Fauci, A. S., Hauser, S. L., Longo, D. L., Jameson, L. & Loscalzo, L. (2019). <i>Εσωτερική Παθολογία</i> (4 Τόμοι Set), 19^η Έκδοση. Εκδόσεις Παρισάνου. (In Greek)</p> <p>b. <u>References:</u></p> <p>Kumar, P. & Clark, M. (2007). <i>Παθολογία</i>. Ιατρικές εκδόσεις Λίτσας. (In Greek)</p> <p>Ράπτης, Σ. (2006). <i>Παθολογία</i>. Παρισιανός Ιατρικές Εκδόσεις. (In Greek)</p> <p>Braun, J. & Dormann, A. (2005). <i>Κλινικός Οδηγός - Παθολογία: Εξέταση-Διάγνωση-Θεραπεία-Επείγοντα</i>. Εκδ. Πασχαλιδης. (In Greek)</p> <p>Griffin, F. (2005). <i>Παθοφυσιολογία στην Κλινική Πράξη</i>. Εκδ. Πασχαλιδης (In Greek)</p> <p><i>Through the services of the university library, access is provided to electronic repositories of scientific journals and articles, indicatively ProQuest, Cambridge University Press and Science Direct with thousands of scientific journals in the fields of health sciences.</i></p> |

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| Assessment | <p>The assessment of this course consists of the coursework (midterm exam, class participation) and final exam.</p> <p>Mid-Term Exam: 40%. A written midterm exam will be comprised by open questions with subqueries (100 points).</p> <p>Student Participation: 10%. The class participation includes formative assessments with interactive problem solving questions.</p> <p>Written Final Exam: 50%. A written final exam will be comprised by open questions with subqueries (100 points).</p> |
| Language | Greek / English |