**COURSE OUTLINE**

1. **GENERAL**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SCHOOL** | HEALTH SCIENCES | | | | |
| **ACADEMIC UNIT** | MEDICINE | | | | |
| **LEVEL OF STUDIES** | *Undergraduate* | | | | |
| **COURSE CODE** | **IAY 808** | **SEMESTER OF STUDY** | | H | |
| **COURSE TITLE** | NOSOLOGY I | | | | |
| **INDEPENDENT TEACHING ACTIVITIES** *if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits* | | | **WEEKLY TEACHING HOURS** | | **CREDITS** |
| Lectures | | | 2 | | 5 |
| **CLINICAL (SKILLS AND PHYSICAL) EXAMINATION** | | | 10 HOURS / week, for 2 weeks / 20 hours for every STUDENT or GROUP | |  |
|  | | |  | |  |
| *Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (4).* | | |  | |  |
| **COURSE TYPE**  *general background,  special background, specialised general knowledge, skills development* | Teaching lessons for General knowledge for the scientific area of Internal Medicine  Bedside Skills Development in the wards of the Departments of Internal Medicine | | | | |
| **PREREQUISITE COURSES:** | NO | | | | |
| **LANGUAGE OF INSTRUCTION and EXAMINATIONS:** | Greek | | | | |
| **IS THE COURSE OFFERED TO ERASMUS STUDENTS** | YES | | | | |
| **COURSE WEBSITE (URL)** | <https://ecourse.uoi.gr/enrol/index.php?id=919> | | | | |

1. **LEARNING OUTCOMES**

|  |  |
| --- | --- |
| **Learning outcomes** | |
| *The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.*  *Consult Appendix A*   * *Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area* * *Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B* * *Guidelines for writing Learning Outcomes* | |
| The course Nosology II (Diseases I), taught at the 8th semester is a fundamental introductory course in clinical medicine. Τhe course encompasses the full spectrum of clinical diseases in Internal Medicine. Teaching involves lectures and clinical examination and clinical skills training.  The lectures aim at providing students with the theoretical background to understand the basic principles, the clinical course, main findings and diagnostic approach of each disease entity.  Clinical examination and clinical skills training is performed in groups of about 15 students, at the bedside at all the Internal Medicine and Subspecialty Departments, under the supervision of faculty members of the respective department.  During clinical training, faculty members discuss how to approach each patient and demonstrate the essentials of clinical examination. The aim for the students is to familiarize themselves with clinical examinations, to develop relevant clinical skills and to be able to recognize significant clinical findings.  Upon successful completion of the course and clinical placement, students should be able to:  ● Know and understand the theoretical background of the most common Internal Medicine diseases and its subspecialties  ● Have acquired basic skills in the clinical approach of patients with the most commonly encountered clinical entities in daily practice  ● To be able to cooperate with colleagues and departmental staff and to recognize clinical findings in the patients and the critically ill person as well. | |
| **General Competences** | |
| *Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?* | |
| *Search for, analysis and synthesis of data and information, with the use of the necessary technology*  *Adapting to new situations*  *Decision-making*  *Working independently*  *Team work*  *Working in an international environment*  *Working in an interdisciplinary environment*  *Production of new research ideas* | *Project planning and management*  *Respect for difference and multiculturalism*  *Respect for the natural environment*  *Showing social, professional and ethical responsibility and sensitivity to gender issues*  *Criticism and self-criticism*  *Production of free, creative and inductive thinking*  *……*  *Others…*  *…….* |
| * Search for, analysis and synthesis of data and information, with the use of the necessary technology * Autonomous Work (mainly) * Teamwork * Respect for diversity and multiculturalism * Promoting free, creative and inductive thinking | |

1. **COURSE CONTENT**

|  |
| --- |
| In-house teaching of the clinical picture of the laboratory findings of the differential diagnosis and therapeutic management of the various disease entities of Internal Medicine and its subspecialties, such as:   * Disorders of endocrine glands , metabolic diseases and osteoporosis * Hematologic diseases, leukemias, lymphomas, myeloproliferative and myelodysplastic diseases, thalassemias, sickle cell disease, thrombotic and hemorrhagic diseases * Neoplasmatic diseases (lung cancer, gastrc cancer, colorectal cancer, urogenital cancer) * Infectious diseases( pneumonia, urinary tract infections, brucellosis, leismaniasis leptospirosis, viral diseases, emerging viral diseases, parasitic diseases) * Intensive therapy diseases   The theoretical teaching (lectures) is carried out twice a week for two hours each time during the 8th semester (for at least 13 weeks).  The clinical training is carried out in groups of students under the supervision of the faculty members of the Department of Internal Medicine at all the Internal Medicine and Subspecialty Departments five times a week for two hours each time (10 hours per week for 2 weeks, total 20 hours/per group). |

1. **TEACHING and LEARNING METHODS - EVALUATION**

|  |  |
| --- | --- |
| **DELIVERY** *Face-to-face, Distance learning, etc.* | ● Theoretical lectures in the auditorium  ● Clinical examination at the bedside at all the Internal Medicine and Subspecialty Departments.  Observation of the clinical examination of patients by doctors and faculty membersof the Internal Medicine and Subspecialty Departmentsand performance of clinical examination and clinical skills by students. |
| **USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY** *Use of ICT in teaching, laboratory education, communication with students* | **Support for the learning process through the e-COURSE online platform** |
| **TEACHING METHODS**  *The manner and methods of teaching are described in detail.*  *Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.*  *The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS* | |  |  | | --- | --- | | ***Activity*** | ***Semester workload*** | | Face-to-face teaching in the auditorium two times per week for two hours | 52 | | **Clinical training, specifically in physical examination and clinical skills, is carried out at the Internal Medicine and Subspecialty Departments** in small groups of students in patient wards five times a week for 2 hours a day for 2 weeks (20 hours/per group) | 96 | | Independent Study | 15.5 | | ***Total Course***  ***(25 hours of workload per credit)*** | ***137.5*** | |
| **STUDENT PERFORMANCE EVALUATION**  *Description of the evaluation procedure*  *Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other*  *Specifically-defined evaluation criteria are given, and if and where they are accessible to students.* | At the end of the course students are examined in written examinations on 50 multiple choice questions |

1. **RECOMMENDED-BIBLIOGRAPHY**

|  |
| --- |
| *-Suggested Bibliography :*  Cecil Internal Medicine, Code Book: 50662966  Eddition : 6/2017 Contributors Benjamin Ivor, Griggs Robert, Wing Edward,Fitz J., Andreoli Thomas  ISBN: 9789963258703  Publisher: BROKEN HILL PUBLISHERS LTD |