**COURSE OUTLINE**

1. **GENERAL**

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| **SCHOOL** | HEALTH OF SCIENCES |
| **ACADEMIC UNIT** | FACULTY OF MEDICINE |
| **LEVEL OF STUDIES** | UNDERGADUATE (Elective) |
| **COURSE CODE** | **ΙΑΕ928** | **SEMESTER** | **9th** |
| **COURSE TITLE** | Approach of differential diagnosis in Internal Medicine |
| **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 and Training  | 2 | 2 |
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| *Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).* |  |  |
| **COURSE TYPE***general background, special background, specialised general knowledge, skills development* | general background, special background, specialised general knowledge, skills development |
| **PREREQUISITE COURSES:** |  |
| **LANGUAGE OF INSTRUCTION and EXAMINATIONS:** | Greek |
| **IS THE COURSE OFFERED TO ERASMUS STUDENTS** | No |
| COURSE WEBSITE (URL) | <https://ecourse.uoi.gr/enrol/index.php?id=3579> |

1. **LEARNING OUTCOMES**

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| **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*
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| The aim of the course is to ‘equip’ students with skills, knowledge, and way of thinking to approach clinical problems starting from the presenting symptoms, the clinical signs, and the laboratory data and imaging findings and to enable them to develop an inductive/deductive way of thinking towards the final diagnosis. Furthermore, the course will provide the basic knowledge regarding the underlying etiology/pathophysiology and the classification of clinical disorders as well as brief discussions of treatment options and specialized interventions.Upon successful completion of the course the student will be able to:* Diligently collect relevant information from the patient’s history and physical examination and create a list of symptoms.
* List the possible causes (common or/and rare) associated with patients complaints/symptoms and clinical findings.
* Prioritize the list by balancing the potential risks and odds associated with the diagnosis
* Order relevant tests to determine the most likely diagnosis
* Reassess the overall clinical and laboratory picture
* Understand the correlation of patient's symptoms, signs and lab findings with the underlying pathophysiological mechanisms
* Select optimal therapeutic interventions
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| **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…**…….* |
| * *Decision-making*
* *Working independently*
* *Teamwork*
* *Working in an interdisciplinary environment*
* *Production of free, creative and inductive thinking*
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1. **SYLLABUS**

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| Analysis of patient’s cases with a focus on: * Symptoms
* Clinical signs
* Laboratory findings
* Tentative diagnosis
* Changes in clinical picture and laboratory evidence
* Treatment options / interventions
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1. **TEACHING and LEARNING METHODS - EVALUATION**

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| **DELIVERY***Face-to-face, Distance learning, etc.* | Face-to-face |
| **USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY** *Use of ICT in teaching, laboratory education, communication with students* |  |
| **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* |

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| ***Activity*** | ***Semester workload*** |
| Lectures | 26 |
| Students will be encouraged to present cases under guidance and thereafter develop their diagnostic thinking on common or/and rare clinical conditions and syndromes. | 10 |
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| Ιndependent study | 16 |
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| ***Course total*** | ***52*** |

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| **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.* | 1. Written examination (50%) using multiple choice questionnaires
2. Clinical case presentation (50%)
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1. **ATTACHED BIBLIOGRAPHY**

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| *- Suggested bibliography:**- Related academic journals:** Textbooks via “EVDOXOS” system:

Clinical diagnosis, history and physical examinationBook Code in “EVDOXOS”: 12813370Edition: Sixth/2011Authors: Swartz MarkISBAN: 978-960-7875-52-5 Type: TextbookProvider (Publisher): LAGOS DIMITRIOS Step-up: Internal MedicineBook Code in “EVDOXOS: 94646230Edition: First/2021Authors: Sreven AganbegiISBN: 9789606080609Type: TextbookProvider (Publisher): Ioannis Konstantaras * Selected bibliography
* Educational material from the lectures
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