**COURSE OUTLINE**

1. **GENERAL**

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| **SCHOOL** | School of Health Sciences | | | | |
| **ACADEMIC UNIT** | Faculty of Medicine | | | | |
| **LEVEL OF STUDIES** | Undergraduate | | | | |
| **COURSE CODE** | ΙΑΥ802 | **SEMESTER** | | **8th** | |
| **COURSE TITLE** | **Principal of Surgery II** | | | | |
| **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** |
|  | | | 14 | | 5 |
|  | | |  | |  |
|  | | |  | |  |
| *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* | *specialised general knowledge, skills development* | | | | |
| **PREREQUISITE COURSES:** | No | | | | |
| **LANGUAGE OF INSTRUCTION and EXAMINATIONS:** | Greek | | | | |
| **IS THE COURSE OFFERED TO ERASMUS STUDENTS** |  | | | | |
| **COURSE WEBSITE (URL)** | https://ecourse.uoi.gr/course/view.php?id=351 | | | | |

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* | |
| At the end of the course the students should be able to take effectively medical history and to communicate with the patients in an efficient way. They should be also able to perform a complete physical examination and to make differential diagnosis for diseases in the spectrum of general surgery. | |
| **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…*  *…….* |
| *Criticism and self-criticism*  *Production of free, creative and inductive thinking* | |

1. **SYLLABUS**

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| **Objectives of the course**:The course offers knowledge on the surgical related diseases of the human organism. The students are also trained in taking medical history and performing physical examination in patients with problems in the spectrum of general surgery. The lectures are focused on the pathogenesis, pathophysiology, clinical picture, diagnosis and management of the diseases of the gastro-intestinal system, the hepato-pancreato-bilary system, the endoncrine glands and the vascular system.  **Contents of the course**: Acute abdomen. Peritonitis and intra-abdominal abscesses. Acute gastrointestinal hemorrhage. Diseases of stomach, duodenum and small intestine. The Appendix. Diseases of colon, rectum and anus. Diseases of liver, biliary system and exocrine pancreas. The spleen. Diseases of endocrine glands. General principles of laparoscopic surgery. Morbid obesity. Diseases of vascular system.  The students are trained in history taking, physical examination, preoperative assessment of a surgical patient and differential diagnosis. The students are also exposed in the basic principles of general surgery: a. infection control and rational use of antiseptic solutions b. wound and trauma management c. parenteral administration of medication, fluids and electrolytes.  . |

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* | *Use of ICT in teaching, laboratory education* |
| **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*** | ***Workload of each students group*** | | Lectures | 60 | | Clinical training | 50 | | Interactive teaching | 30 | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | | **Course Summary** | ***140*** | |
| **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.* | *multiple choice questionnaires and short-answer questions* t |

1. **ATTACHED BIBLIOGRAPHY**

*Teaching - study material*