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| **PROGRAMME OF COURSES**  **2021/22** | | | | | | | |  |
| **Complete name of the course:**Introduction to Pharmacoeconomics (practice) | | | | | | | |  |
| **Name of the Programme:**Pharmacy Basic Education | | | | | | | |  |
| **Abbreviated name of the course:** | | | | | | | |  |
| **English name of the course:**Indtroduction to Pharmacoeconomics (practice) | | | | | | | |  |
| **Neptun-Code:**GYETEFOAG1A | | | | | | | |  |
| **Type of registration:**obligatory | | | | | | | |  |
| **Institute: Center for Health Technology Assessment** | | | | | | | |  |
| **Name of the tutor/lecturer**: Assoc. Prof. András Inotai  **E-Mail:**inotai.andras@semmelweis-univ.hu | | | | **Academic degree**: PhD, DrHabil | | | | |
| **Further tutors:**  Prof. Zoltán Kaló  Assoc. Prof. Balázs Nagy  Zsuzsanna Petykó | | | | **Academic degree:**  PhD, DrHabil  PhD, DrHabil  PhD candidate | | | | |
| **Number of classes / week: 1x45 min (2x45 mins bi-weekly)** | | | | **Credit points: 1** | | | | |
| **Course principles:**Practice-oriented teaching of basic health- and pharmacoeconomic knowledge for pharmacy students to enable them interpreting and determining the cost-effectiveness of pharmaceuticals, and understanding the principles of pharmaceutical pricing and reimbursement. | | | | | | | | |
| **Brief course summary:**See semester program | | | | | | | |  |
| ***Course data*** | | | | | | | |  |
| Recommended semester of completing the course | Lecture  (contact hrs/ week) | Practice  (contact hrs/ week) | Seminar  (contact hrs/week) | Individual lecture | Total number of contact hours/semester | Semester | Consultation |  |
| from 7th semester | 0 | 14 | 0 | 0 | 14 | I (Autumn) | 7 |  |
| ***Semester program*** | | | | | | | |  |
| **I. Lecture topics/week**no lecture applicable | | | | | | | |  |
| **II. Practice topics/week**   |  |  |  | | --- | --- | --- | | Class | Topic | Lecturer | | Week 1  90 min | Health care market and market failures  Elements of health care system  Financing health care | Zoltán Kaló | | Week 3  90 min | Pharmacoeconomics, Health Technology Assessment, Classification of economic evaluations | Zoltán Kaló | | Week 5  90 min | Steps of health economic evaluation I - Evidence synthesis, health outcome measurement (quality of life, utility, quality adjusted life years) | Zsuzsanna Petykó, András Inotai | | Week 7  90 min | Steps of health economic evaluation II – Measuring costs, decision rule (threshold, multicriteria decision analysis) | Balázs Nagy | | Week 9  90 min | Health economic modelling (classification, applicability) | Balázs Nagy | | Week 11  90 min | Pricing of original and generic medicines | András Inotai | | Week 13  90 min | Pharmaceutical reimbursement system, cost control techniques | András Inotai | | Evaluation  Week 14 | Test type exam |  | | | | | | | | |  |
| ***Course requirements*** | | | | | | | |  |
| **Order of consultations:**  90 mins bi-weekly (contact hours) | | | | | | | |  |
| **Prerequisites:**  Pharmacology and Toxicology I.  Statistics for Pharmacists  Basics of Economics | | | | | | | |  |
| **Semester acceptation conditions: (***successful course attendance, mid-term tests, absence, etc*.):  1 absence is permitted | | | | | | | |  |
| **Knowledge testing during the semester:** NA | | | | | | | |  |
| **Requirements of the signature at the end of the semester:**  successful test (classroom exam, at week 14) | | | | | | | |  |
| **Individual activity of the student during the semester *(****protocol, etc*.) NA | | | | | | | |  |
| **Performance control in the examination period**(*final, semi-final***):**  practical course mark | | | | | | | |  |
| **Performance control in the examination period (***written, oral, written and oral***)**  classroom exam of the entire semester curricula at week 14, opportunity for correction: week 1 of exam period | | | | | | | |  |
| **Prescribed external practice:**NA | | | | | | | |  |
| **List of teaching materials: (List of textbooks, hand-outs, scripts, etc.)** slide deck, compulsory and recommended reading materials | | | | | | | |  |
| **List of course materials:**  NA, personal laptop (with Excel) is recommended for interactive health economic modeling | | | | | | | |  |
| **Scientific, course related researches, publications/essays:**N/A | | | | | | | |  |
| **The course description was prepared by:** András Inotai | | | | | | | |  |