REQUIREMENTS

Semmelweis University, Faculty of General Medicine – single, long-cycle medical training programme

Name of the host institution (and any contributing institutions):
Department of Pharmacology and Pharmacotherapy (Central Library)

Name of the subject:

in English: Library Informatics

in German: Medizinische Literatursuche

Credit value: 3 credit-points

Semester:
(as defined in the curriculum)

Total number of classes per week: 10x3	**lectures:** 10x3	**practical lessons:**	**seminars:**

Type of subject: **compulsory** **optional** **elective**

Academic year: 2023/24/1

Language of instruction, for optional or elective subjects: English

Course code: AOVKPK088_1A

Course coordinator: Dr. Lívia Vasas, PhD

Place of work, phone number: Central Library, 06-20/825-9960

Position: Specialist adviser, responsible for education

Date and number of habilitation: 2nd June, 2001., number: 26/2001. (Prof. Peter Ferdinandy)

Objectives of the course and its place in the medical curriculum:
Teaching students how to use/search in literature sources of medicine, analyse the result of their work supporting the proper competencies

Place of instruction (address of lecture hall or seminar room etc.):
digital e-learning

Competencies acquired through the completion of the course:
Interdisciplinary thinking, insight, critical thinking, commitment, professionalism, self-improvement, ingenuity, openness

Prerequisites for course registration and completion:
Medical Physiology II. / Medizinische Physiologie II. /
(Introduction to Health Informatics (theory) II. / Einführung in pharmazeutische Informatik (Vorlesung) II. only available for the Faculty of Pharmacy)
(Medical and Dental Physiology II. / Medizinische und zahnmedizinische Physiologie II. – only available for the Faculty of Dentistry)

Conditions for concurrent course registration and permission thereof in the case of a multi-semester subject: -

Student headcount conditions for starting the course (minimum, maximum) and method of student selection:
min. 10 students, max. 150 students

Detailed course description:
(Theoretical and practical instruction must be broken down into lessons (weeks), numbered separately. Please provide the names of lecturers in both types of lessons, indicating guest lecturers. This information is not to be attached separately. CVs of guest lecturers, however, must be attached.)

1st module – Péter Szluka
Introduction, VPN access, technical details, about the history the Central Library
Homepage: https://lib.semmelweis.hu/ and its facilities, mobile devices

2nd module - Péter Szluka
Open Science, Open Access
Semmelweis Knowledgebase,
Useful internet resources, plagiarism managers, scientific social networks

3rd module - Lívia Vasas
Hungarian and foreign catalogs, online book catalog
Semmelweis University journals catalogue: https://lib.semmelweis.hu/journals_catalogue

Criteria for a scientific journal; types of publications, structure of the scientific publication, compliance with the content, probability of acceptance of the publication, author's instructions
Characterization of journals: printed versus electronic edition, video journal

4th module – Lívia Vasas
Scientometrics: Clarivate Analytics InCites JCR, Scopus Sources

Basics of literature search
National Library Medicine, Entrez- databases, PubMed, PMC, MeSH, PubChem
Bibliographic item analysis

5th module - Edit Csajbók
International literature sources: DOSS, ProQuest, WHO, Eurostat
Hungarian literature sources: EISZ, COMPASS, KSH, MTMT
Dissertation databases

6th module - Edit Csajbók
Evidence Based Medicine – Cochrane Library
Specific database: PsycINFO - OVID resources, value added services
Visible Body – Interactive Anatomy Tool

7th module - Anna Berhidi
Reference Managers: EndNote Online, Mendeley, Zotero

8th module - Anna Berhidi
Bibliographic and citation databases: Web of Science (Core Collection), Scopus; Google Scholar, general searching in the databases, value added services

9th module
Consultation

10th module
Consultation
Take the final test (to get better grade)

Related subjects due to interdisciplinary fields (both compulsory and elective) and potential overlaps between subjects:

Attendance requirements; conditions under which students can make up for absences and the method of absence justification:
Participation in the program is not compulsory, but highly recommended in order to master the practice. The completion of post-module tests is recommended.

Form of assessment in the study period:
(including the number, topics and scheduling of oral and written tests, their share in the overall evaluation, make-up tests and improvement tests)

After the completion of the eight post-module tests, the student receives a grade.
There is a possibility to write the final test from the entire course material must reach a minimum 36 points in order to pass the exam.

The scoring system indicates both the module tests and the final test:
0-35: insufficient (1),
36-49: sufficient (2),
50-57: medium (3),
58-64: good (4),
65-72: excellent (5)

The eight post-module tests (written exams) are based on the material of the given module on the day of the lecture.
The final written exam takes place on the same day as the 10^{th} module. Topic: covers all the material studied in the entire course.

Number and type of assignments for individual work and the deadline for submission: -

Requirements to obtain the teacher's signature:
Writing the post-module tests OR
Successful completion of a test (36 points or more) on all the material at the end of the course.

Type of assessment: *(comprehensive examination, end-term examination, term-grade, term-grade on a three-grade rating scale, coursework project, no examination)*
Term-grade (grade based on the post-modul test/ grade of the final test)

Examination requirements:
(*list of examination topics, subject areas of tests / examinations, lists of mandatory parameters, figures, concepts and calculations, practical skills and the optional topics for exam-equivalent coursework projects, their criteria of completion and assessment)*

1. Website of Central Library, VPN
2. Open Access
3. Catalogs, journals, DOI
4. Scientometrics, PubMed
5. Embase, EBM, WHO, statistics
6. EBSCO, ProQuest Central; dissertation databases
7. Reference managers
8. Multidisciplinary bibliographic databases

Method and type of grading:
(*Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results of the end-of-term assessment. Possibilities of and conditions for offered grades.)*

After the completion of the eight post-module tests, the student receives a grade.
The scoring system indicates both the module tests and the final test:
0-35: insufficient (1),
36-49: sufficient (2),
50-57: medium (3),
58-64: good (4),
65-72: excellent (5)

List of course books, textbooks, study aids and literature facilitating the acquisition of knowledge to complete the course and included in the assessment, precisely indicating which requirement each item is related to (e.g., topic by topic) as well as a list of important technical and other applicable study aids:

The up-to-date PowerPoint presentations and consultation materials for each module, can be downloaded from Moodle and/or the Knowledge Base.
Recordings of the lectures can be viewed on the Moodle interface of the course or on the Kaltura platform (https://kaltura.semmelweis.hu/) on the Central Library channel (SeKA login required).
Zoom application, Internet (VPN/university IP address)

Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission: