

Introducing the Center for Public Health (CPH)

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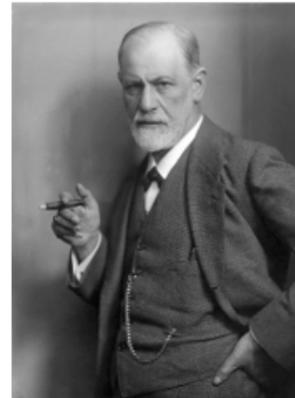
Professor for Health Economics/Deputy Head of Center

Center for Public Health

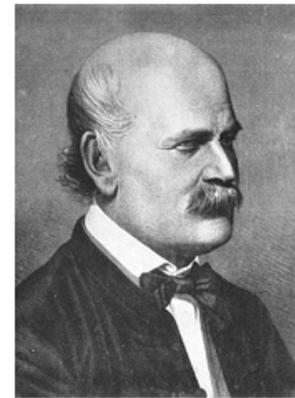
Medical University of Vienna

Vienna

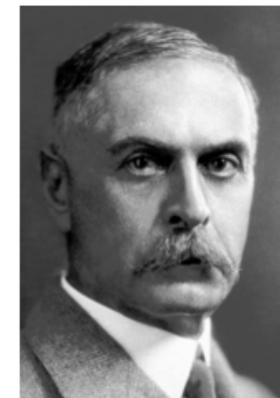
- ~1.9 million inhabitants
- 12th largest European city
- Voted best city to live for last 10 years
- Rich history, art and music
 - *W.A. Mozart, L. van Beethoven, G. Klimt, E. Schiele, F. Hundertwasser*
- Rich medical history
 - *S. Freud, I. Semmelweis, K. Landsteiner*



Freud



Semmelweis



Landsteiner

Medical University of Vienna

- medical research and education facility with a tradition spanning over almost 650 years
- autonomous since 2004 (formerly the “Medical School of the University of Vienna”)
- Europe’s largest school of medicine (8000 students enrolled) located in close vicinity to Europe’s largest hospital (Vienna General Hospital)



As of 2019

A long tradition

- 1365 University of Vienna is founded
- 1399 First documented mention of the Vienna Faculty of Medicine
- 1537 The University becomes the „Imperial“ (=national) University
- 1770 The scope of duty of the Faculty changes from health care administration to the training of medical students
- 1784 Vienna General Hospital opens to the public
- 1785 Medical Surgical Academy is founded
- 1900 Women admitted as regular students to the Vienna Faculty of Medicine
- 1994 Official opening of the new Vienna General Hospital
- 2004 Medical University of Vienna becomes independent and autonomous
- 2016 Joint Management of Vienna General Hospital

Key facts

- 28 clinical departments and clinical institutes
- 12 non-clinical centres and departments
- 5,900 total employees (incl. 3,900 scientific staff)
- Total federal funds: 464 Mio EUR/year
- External funds: 113.3 Mio EUR/year

MEDIZINISCHER UNIVERSITÄTSCAMPUS

MEDIZINISCHE UNIVERSITÄT WIEN



Allgemeines Krankenhaus der Stadt Wien

MEDIZINISCHE UNIVERSITÄT WIEN

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As of 2019

Center for Public Health (CPH)

1870: „Learning Department of Hygiene“ is founded

1908: „Institute of Hygiene“ is founded

1970-1983: modernized as various departments

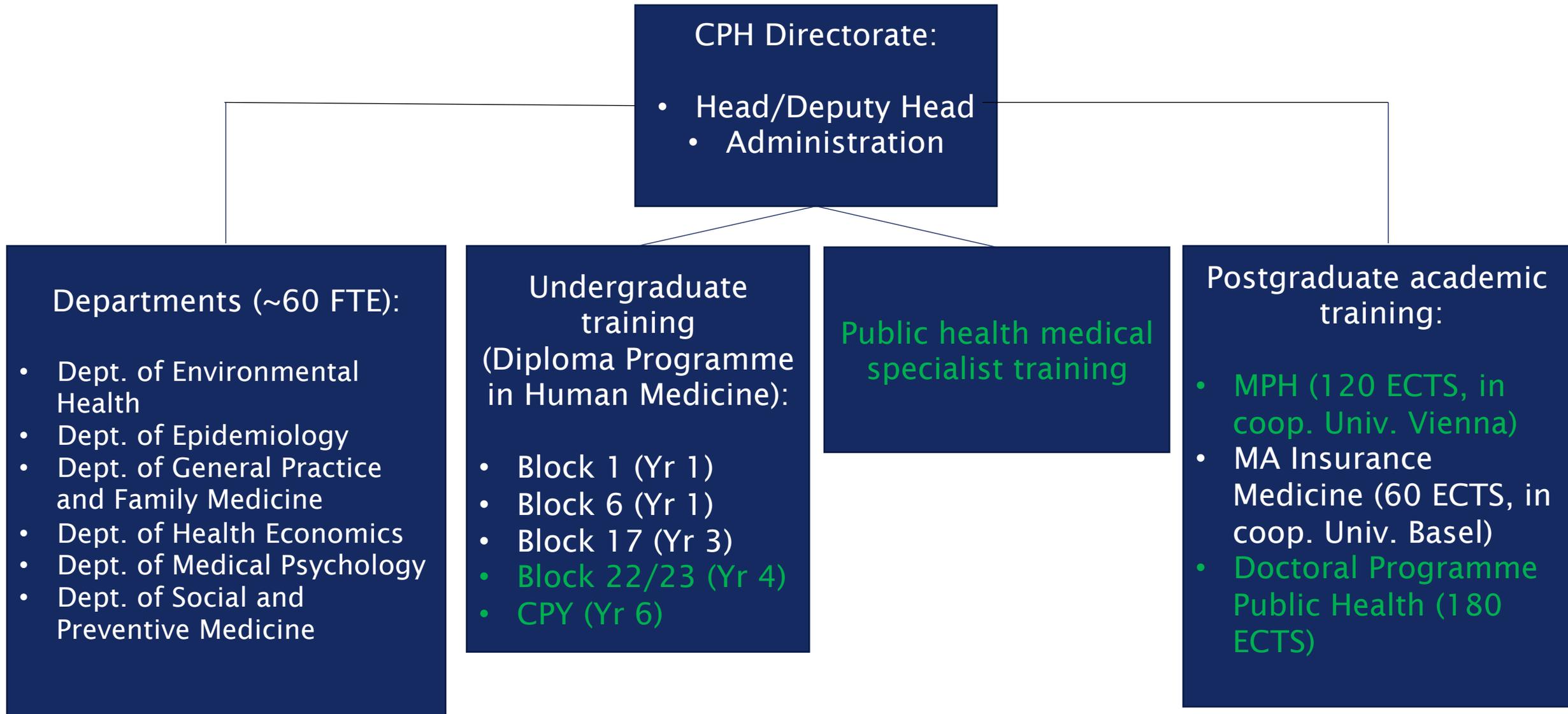
2004: Center for Public Health is founded

2015: CPH becomes the only officially accredited training site for ‘public health residency’ in Austria

<https://zph.meduniwien.ac.at/en/>



Organisational structure



Block 22/23 – PH

Block Co-ordinator: Dr Igor Grabovac

<https://www.meduniwien.ac.at/hp/sozialmedizin/studium-lehre/block-2223/>

Key facts

- Compulsory element of the undergraduate medical curriculum (Yr 4, semester 7)
- WS 2020/21: 704 students
- One of the largest undergraduate curriculum elements
 - 6 weeks with 100 academic hours (79 academic hours of lectures, 21 academic hours of practical work and seminars in small groups)
- Over 50 lecturers of various disciplines and areas of expertise
- 5 general thematic elements

Thematic Elements

- Part 1: The Health Care System
 - Covers elements of general public health work and definitions, comparisons of various health care systems, health economics, epidemiology and evidence based decision making
- Part 2: Medical Law
 - Covers legal aspects of working as a physician, presents the students with basic concepts of their role, rights and responsibilities in their career
- Part 3: Medical Ethics
 - Covers general issues of bioethics and medical ethics with a special focus on bioethics in Public Health as well as diversity in medicine
- Part 4: Preventive Medicine
 - Covers issues of general preventive work, hygiene, infection control, vaccination policies, chronic illness prevention, occupational health and safety and environmental health
- Part 5: Geriatrics
 - Covers topics of health aging, gerontology and the importance of maintaining functional ability in patients as means of tertiary prevention

Evaluation

- Following successful completion of all the thematic parts the students may take the exam which entails:
 - Successful completion of all practical seminars (active participation)
 - Year 4 Standardised Exam at the end of the year (MCQs)
 - Students who fail the exam repeatedly are examined orally in front of a committee of experts of the given subject area

CPY PH Elective

CPY PH Elective Co-ordinator: Professor Gerald Haidinger

<https://kpj.meduniwien.ac.at/allgemeine-informationen/>

The clinical practical year (CPY) is a continuous practical training of 48 weeks in year 6 of the undergraduate medical studies. It is divided into three tertials of 16 weeks each. Medical students can choose between the following subjects within the CPY tertials:

- CPJ-Tertial A "Internal Medicine"
- CPJ-Tertial B "Surgical and Perioperative Subjects"
- CPJ-Tertial C "Electives"

The aim of the CPY is to acquire:

- Skills, knowledge and attitudes according to the Austrian catalogue of competencies and according to European requirements
- Competence in clinical problem-oriented scientific thinking and evidence-based medical action

- “Public Health” is one of the Electives in Tertial C.
- Students can spend 8 weeks of their CPY at the Centre of Public Health.
- They are supervised by a Mentor, who has postgraduate education in Public Health.
- Since the introduction of the CPY in 2016, 33 students have completed their CPY at the CPH.

Evaluation

- Students performance is evaluated in personal talks with their mentors at regular intervals
- Mini-CEX/DOPS are used for objectifying their performance/achievements
- Final presentation of CPY project work

PH medical specialist training

Co-ordinators: Professor Gerald Haidinger, Professor Bernhard Schwarz

Public Health specialisation in Austria

- Possibilities for specialisation in „Social Medicine“ started in 1983 at the Institute of Social Medicine at the Faculty of Medicine of the University of Vienna
- In 2015, with the modernization of all residency programs, a „Public Health“ specialisation program was formed
- The “residency” can only be done at the CPH of the Medical University of Vienna as the single recognized training institution in Austria
- Specialist training lasts for 6 years (72 months) and is divided into 3 parts:
 1. Basic Medical Training
 2. Core Training
 3. Modules

1. Basic Medical Training

- 9 months
- Clinical work in one internal medicine department and one surgical department
- More than 2 rotations are allowed
- Residents are included in the day to day clinical work of the department and need to accomplish night and weekend shifts during the rotations

2. Core Training

- 36 months
- Basic Public Health Training at the Center for Public Health
- Day to day public health work: health monitoring and epidemiological surveillance, preventive medical work

3. Modules:

- 27 months in total
- Modules are elective rotations lasting 9 months each
- They are to provide in-depth training in a subject of the residents interest
- Currently on offer:
 1. *Quality control in health care*
 2. *Epidemiology and health reporting*
 3. *Health promotion and prevention of diseases*
 4. *Protection from infection*
 5. *Crisis management*
 6. *Environmental health*
 7. *Scientific module* – designed to allow residents to focus on scientific work if they choose

Evaluation

- After successful completion of the program the trainee may approach the Specialist Exam
- The exam is done orally in front of a committee of experts which comprises of at least 2 Specialists of Public Health and 1 Specialist of Microbiology and Hygiene
- Following a positive outcome of the exam the Trainee receives the title of “Specialist in Public Health” (Facharzt/Fachärztin für Public Health)

MPH (120 ECTS)

Scientific directors: Professor Anita Rieder (MUV), Professor Norbert Bachl (UV)

www.mph-vienna.at

Key facts

- Cooperation between Medical University of Vienna and University of Vienna
- Ongoing annually since 2005
- Part-time, 4 semesters plus master thesis
- Teaching language: German/English
- Max. 20 students per year
- International: students from Austria, Australia, China, Colombia, Germany, Italy, South Korea, Switzerland, Ukraine, UAE, UK, USA, etc.

Structure and evaluation

2 basic modules: 18.5 ECTS

6 advanced modules: 47.5 ECTS

Practical seminars: 13 ECTS

Internship with multi-media presentation: 12 ECTS

Congresses/courses: 9 ECTS

Scientific work & Master thesis: 20 ECTS

Oral exam in front of commission

Total: 120 ECTS

Doctoral Programme Public Health (180 ECTS)

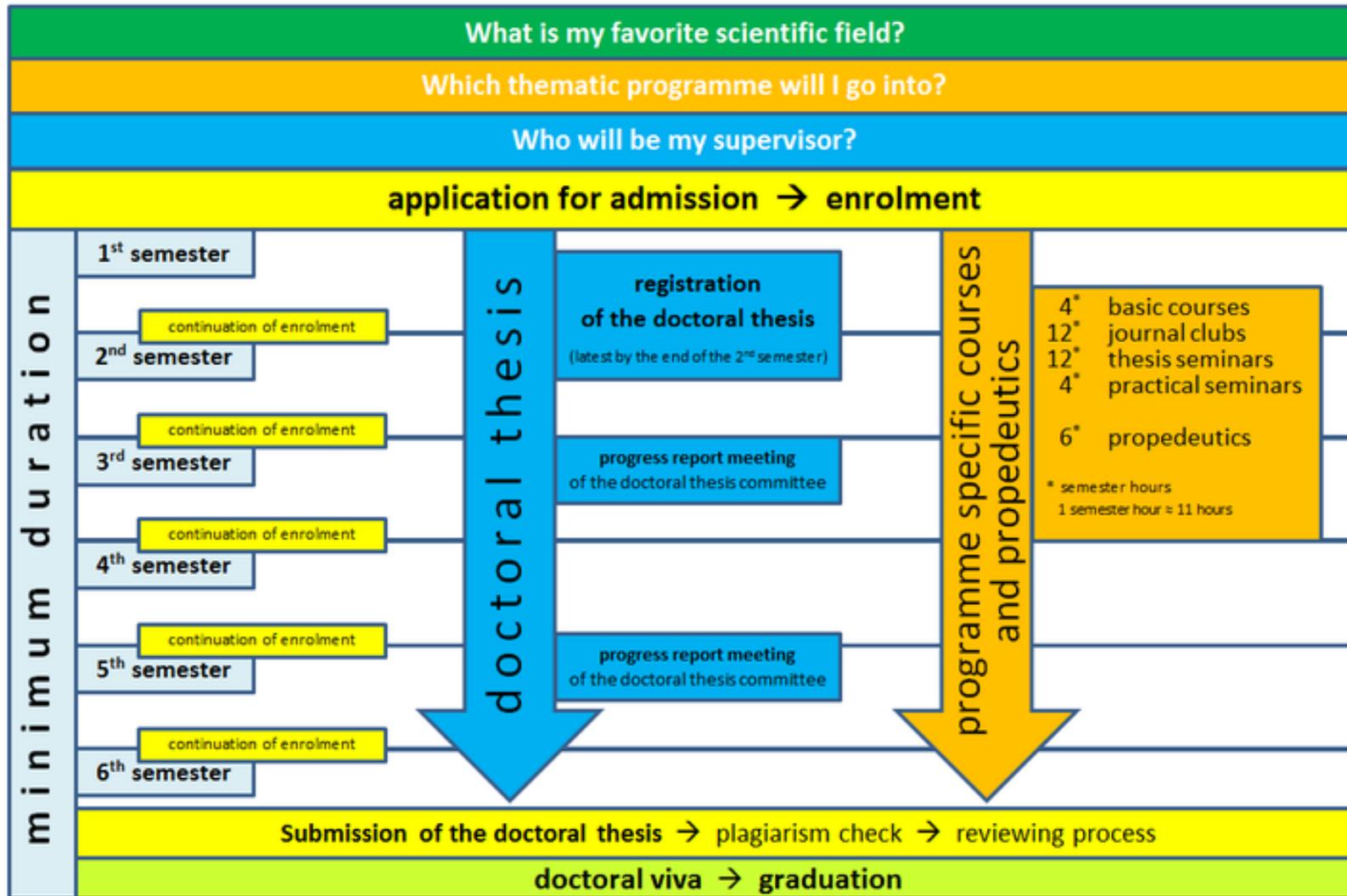
Programme Co-ordinator: Professor Judit Simon

<https://www.meduniwien.ac.at/hp/n790-publichealth/>

Key Facts

- Degree: Dr.scient.med (equivalent to PhD)
- 2nd largest doctoral programme at the MUV
- ~90 students enrolled
- ~ 40 supervisors
- Teaching language: English
- Minimum duration of studies: 6 semesters
- Full- or part-time
- Total 180 ECTS: 46 ECTS taught elements, 134 ECTS doctoral research and thesis

Flow Chart Doctoral Programme of Applied Medical Science N790



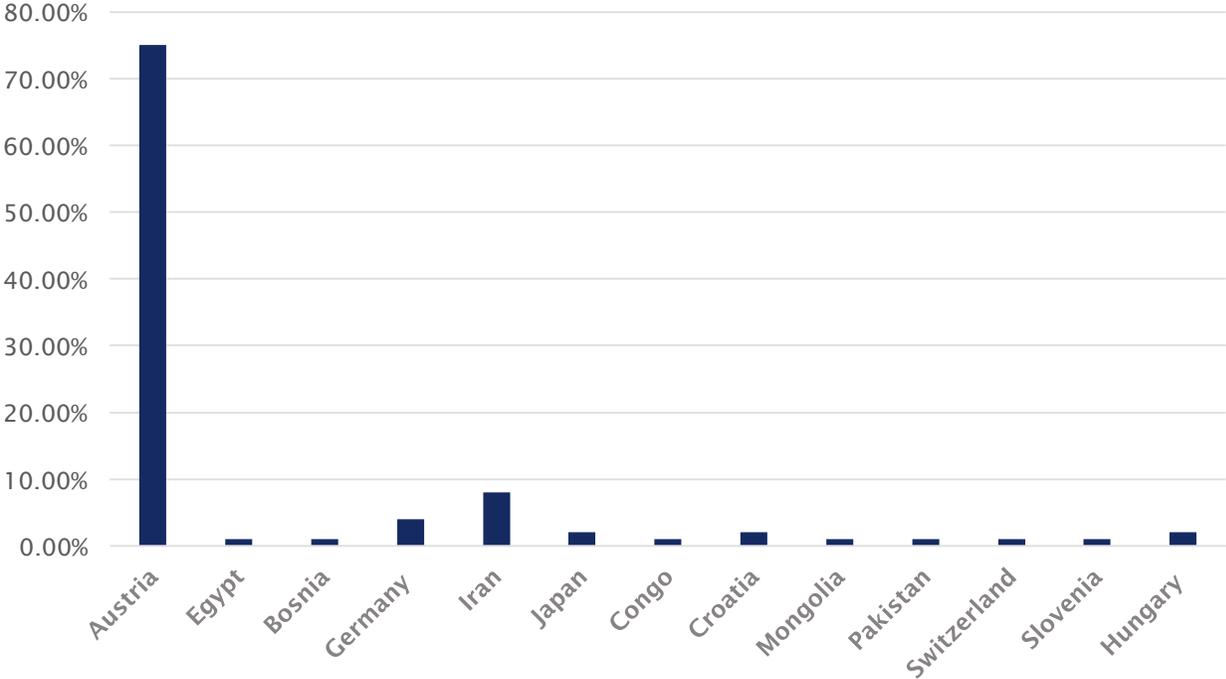
Source: <https://www.meduniwien.ac.at/web/studierende/mein-studium/doctoral-programme-of-applied-medical-science-un-790-202/flow-chart-at-a-glance/>, 31/08/2020

Thematic courses

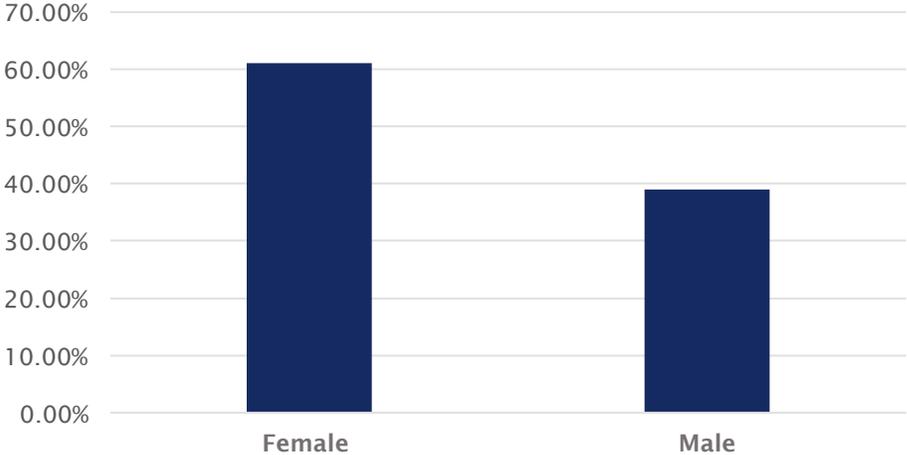
- PH Basic Lecture Series 1 + 2
- 4 Journal Clubs
 - Epidemiology of Juvenile and Adolescent Diseases
 - Advanced Epidemiology
 - Outcomes Research
 - Health Economics and Health Services Research
- 4 Practical Seminars
 - Evidence-based Healthcare Evaluation and Decision Making
 - Statistical Problem Solving
 - International Health and Humanitarian Work
 - Epidemiological Methods
- 4 Thesis Seminars
 - Health Economics and Health Services Research
 - Medical Genetics
 - Public Health - Environmental Health
 - Public Health - Individual
- Propedeutics

Students

Country of Origin



Sex



Source: Department for Student Affairs, 31/08/2020

Evaluation

Three step evaluation:

- 1) Successful completion of all courses
- 2) Successful completion and peer-review of doctoral thesis
- 3) Successful viva (oral examination in front of 3 experts)

Thank you!
We look forward to working
together with ASPHER.

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