Doctoral program UN790 Epidemiology

Information event, October 5th , 2026

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Ap. Prof.in DIin Susanne Strohmaier, MSc, PhD

Gudrun Stock, MBA

Department of Epidemiology

Today's agenda

- **Welcome to the Epidemiology program**
- The UN790 doctoral programs
  - Overview curriculum
    - Compulsory courses
    - **Epidemiology specific courses**
      - Basic Lecture
      - Journal Club
      - Thesis Seminars
      - Practical Seminars
    - Thesis proposal
    - Thesis submission
    - Thesis defense

Epidemiology program

Program coordination and administration



Univ.-Prof. Eva Schernhammer



Ap. Prof. Susanne Strohmaier



Gudrun Stock, MBA

Contact: phd-epidemiology@meduniwien.ac.at

www.meduniwien.ac.at/un790/epidemiology

Lecturers at the Department of Epidemiology



The UN790 doctoral program

Source (accessed September)

https://www.meduniwien.ac.at/web/studierende/mein-studium/doctoral-programme-of-applied-medical-science-un-790-202/rules/

UN 790 Main characteristics (from the curriculum)

§ 1. The doctoral programme in applied medical science at the Medical University of Vienna serves to further develop the ability for independent scientific work in medical and medicine-associated professions. It is designed to cultivate and enhance the University's performance in applied research through the symbiosis of research and practice. Furthermore, it aims to equip students with critical, analytical and argumentative skills.

The doctoral programme in applied medical science is intended for interested young researchers as well as practitioners who want to relate research to biomedical and clinical practice development and use science in the profession. Under guidance, dissertation students become highly qualified practitioners who want to explore and develop their own professional practice. The training and promotion of young scientists with a scientific attitude is carried out in accordance with the guidelines of the Medical University of Vienna (GOOD SCIENTIFIC PRACTICE - Ethics in Science and Research, Guidelines of the Medical University of Vienna).

With more than 21% of the total study duration, the emphasis is on guided teaching, which is an integral and key part of the programme to provide practice-oriented skills in the respective medical faculty. The research part is equivalent to the PhD and should result in an original dissertation with accompanying publications in reputable journals. Particular attention is to be placed on the interdisciplinary character of the subject matter. Thus, the doctorate in applied medical science serves the dissemination, development and management of professional medical practice.

Source (accessed September)
https://www.meduniwien.ac.at/web/studierende/mein-studium/doctoral-programme-of-applied-medical-science-un-790-202/rules/

UN 790 Main characteristics (from the curriculum)

After completion of the dissertation, the doctoral candidates have to meet the following profile for the practice of science in the profession. This provides the qualification to work in a specific field of medicine:

a. Seeking for the application of knowledge, as opposed to basic science oriented PhD doctoral students,

b. Cultivation of progress in theoretical and practical qualifications at a high standard,

c. Knowledge of a range of biomedical methods and their application in medical research and practice,

d. ongoing improvement of their practice through research,

e. Effectiveness as professional practitioners,

f. Ability to carry personal responsibility and autonomous initiative in complicated and unpredictable situations in the specific subject,

g. Ability to conceive, design, implement and adapt a research project with scientific integrity,

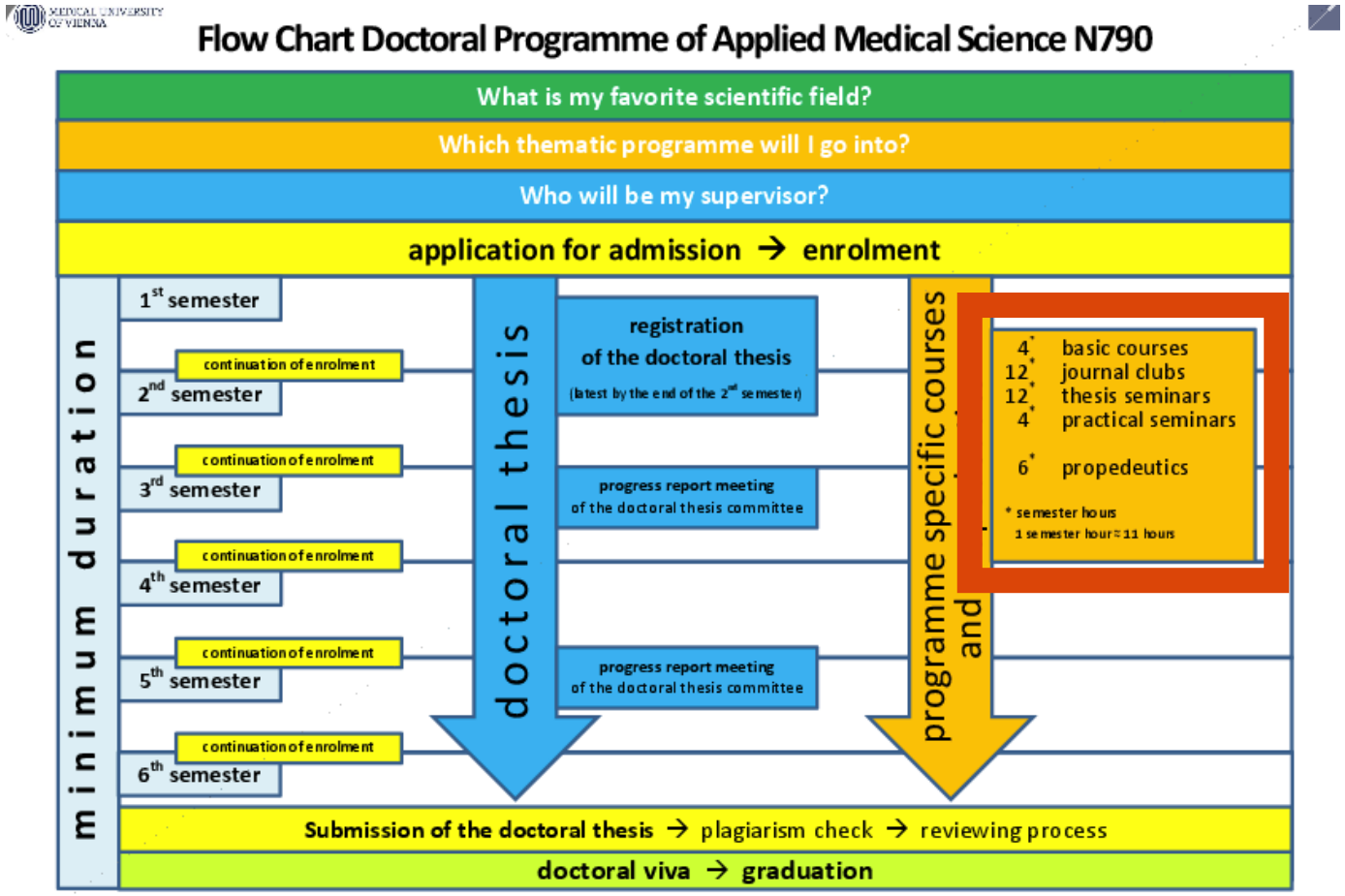
h. Ability to make judgments relevant to medicine in the field and be able to communicate these effectively to both specialist and non-specialist audiences,

i. Ability to drive technological, social or cultural advances in a scientific society in an applied manner within academic and professional contexts.

Source (accessed September)
https://www.meduniwien.ac.at/web/studierende/mein-studium/doctoral-programme-of-applied-medical-science-un-790-202/rules/

Program structure

Flow chart N790 general



https://www.meduniwien.ac.at/web/studierende/mein-studium/doctoral-programme-of-applied-medical-science-un-790-202/flow-chart-at-a-glance/

Successful completion

Based on

- Passing **all relevant courses**
- Submitted and **approved thesis**
- **Thesis defense**
- Conferred degree: **Doctor scientiae medicae (Dr.scient.med.)**

Compulsory courses

(2) COMPULSORY COURSES: This refers to courses and academic achievements that are compulsory for all students of the degree programme.

a) Preparatory course: Introductory lectures and seminars totalling 6 semester hours are to be set aside for this purpose, whereby the focus for medical students is to be on natural science courses, and for non-medical students on medical courses. The general teachings of the preparatory course serve to acquire general skills and abilities for a professional life as a scientist.

b) BASIC COURSE: An interdisciplinary interactive course cycle covering the respective programme topic in its entirety shall be established with a total of 4 semester hours.

c) PHD-SYMPOSIUM: Students actively participate in at least one PhD symposium of the Medical University of Vienna and give a presentation on their dissertation project. The participation and presentation activity is to be confirmed by the responsible chairperson(s) of the session/workshop in which the lecture is given/the poster is presented and is assessed with 6 ECTS.

d) Drafting and defending the WORK PLAN (DISSERTATION PLAN): The students have to draft a work plan (dissertation plan) together with the supervisor and defend it in front of the dissertation committee. The writing and defence of the work plan (dissertation plan) is assessed with 10 ECTS.

https://www.meduniwien.ac.at/web/studierende/mein-studium/doctoral-programme-of-applied-medical-science-un-790-202/rules/

Compulsory elective subjects

(3) COMPULSORY ELECTIVE SUBJECTS: Within the scope of the compulsory elective part of the courses, students are required to complete dissertation seminars and practical seminars totalling 16 semester hours and JOURNAL CLUBS totalling 12 semester hours.

8 semester hours

a) SEMINARS FOR DOCTORAL CANDIDATES are courses to be completed for a total of ~~12~~ semester hours, dealing with special aspects of the programme topics and specific methods.

b) PRACTICAL SEMINARS to learn skills are to be scheduled for a total of 4 semester hours.

c) JOURNAL CLUBS are courses dealing with programme-specific literature. They are to be established for a total of 12 semester hours.

Doctoral candidates and supervisors are expected to attend seminars and journal clubs on a regular basis.

https://www.meduniwien.ac.at/web/studierende/mein-studium/doctoral-programme-of-applied-medical-science-un-790-202/rules/

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Courses	*Semester hours*	*ECTS Points*
1. Semester:		
Preparatory course	4	4
Basic course	2	2
Journal Club	2	3
~~Dissertation seminar~~	~~2~~	~~3~~
Dissertation – work schedule/dissertation plan (compilation and defence)	-	10
2. Semester:		
Preparatory course	2	2
Basic course	2	2
Journal Club	2	3
~~Dissertation seminar~~	~~2~~	~~3~~

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3. Semester:		
Practice seminar	2	3
Journal Club	2	3
Dissertation seminar	2	3
4. Semester:		
Practice seminar	2	3
Journal Club	2	3
Dissertation seminar	2	3
Doctoral thesis - Presentation PhD Symposium		6

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3. Semester:		
Practice seminar	2	3
Journal Club	2	
Dissertation seminar	2	
4. Semester:		
Practice seminar	2	3
Journal Club	2	3
Dissertation seminar	2	3
Doctoral thesis - Presentation PhD Symposium		6

Check webpage of the Young Scientist Association (YSA)
https://www.meduniwien.ac.at/web/en/about-us/young-scientist-association-ysa/

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5. Semester:		
Journal Club Dissertation seminar	2 2	3 3
6. Semester:		
Journal-Club DissertantInnenseminar	2 2	3 3
Dissertation – Verfassen der Arbeit		**118**
Summe	***34***	***180***

Compulsory courses

Preparatory courses (Propedeutics)

Compulsory selection:

- Ethics and Good Scientific Practice (1 SWS)
- Project Management and Intellectual Property Rights (1 SWS)

Additionally (compulsory)

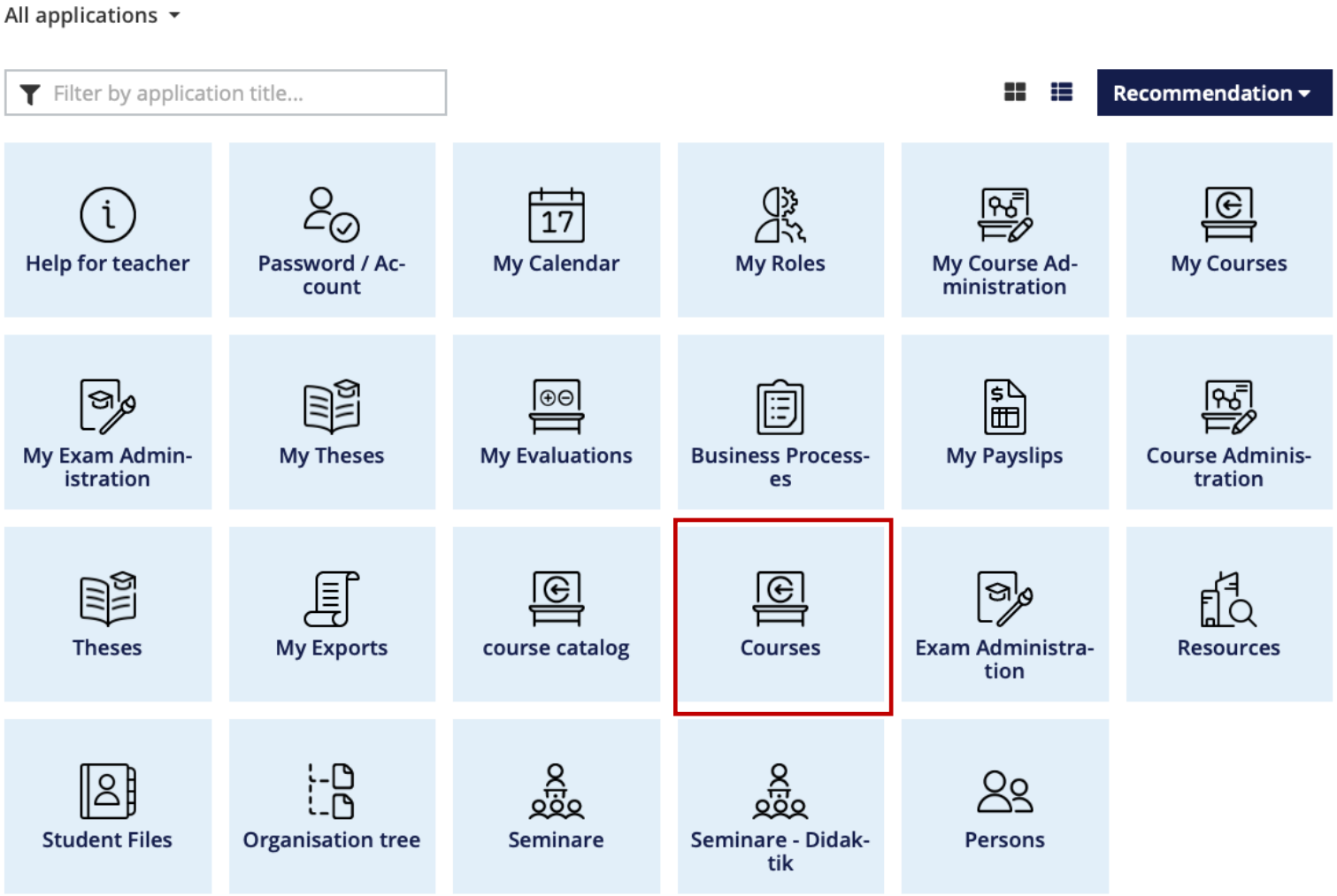
4 SWS (4 ETCS) propedeutics

- Selection to be discussed with the supervisor
- Needs to be indicated on the thesis registration form
- To be considered:

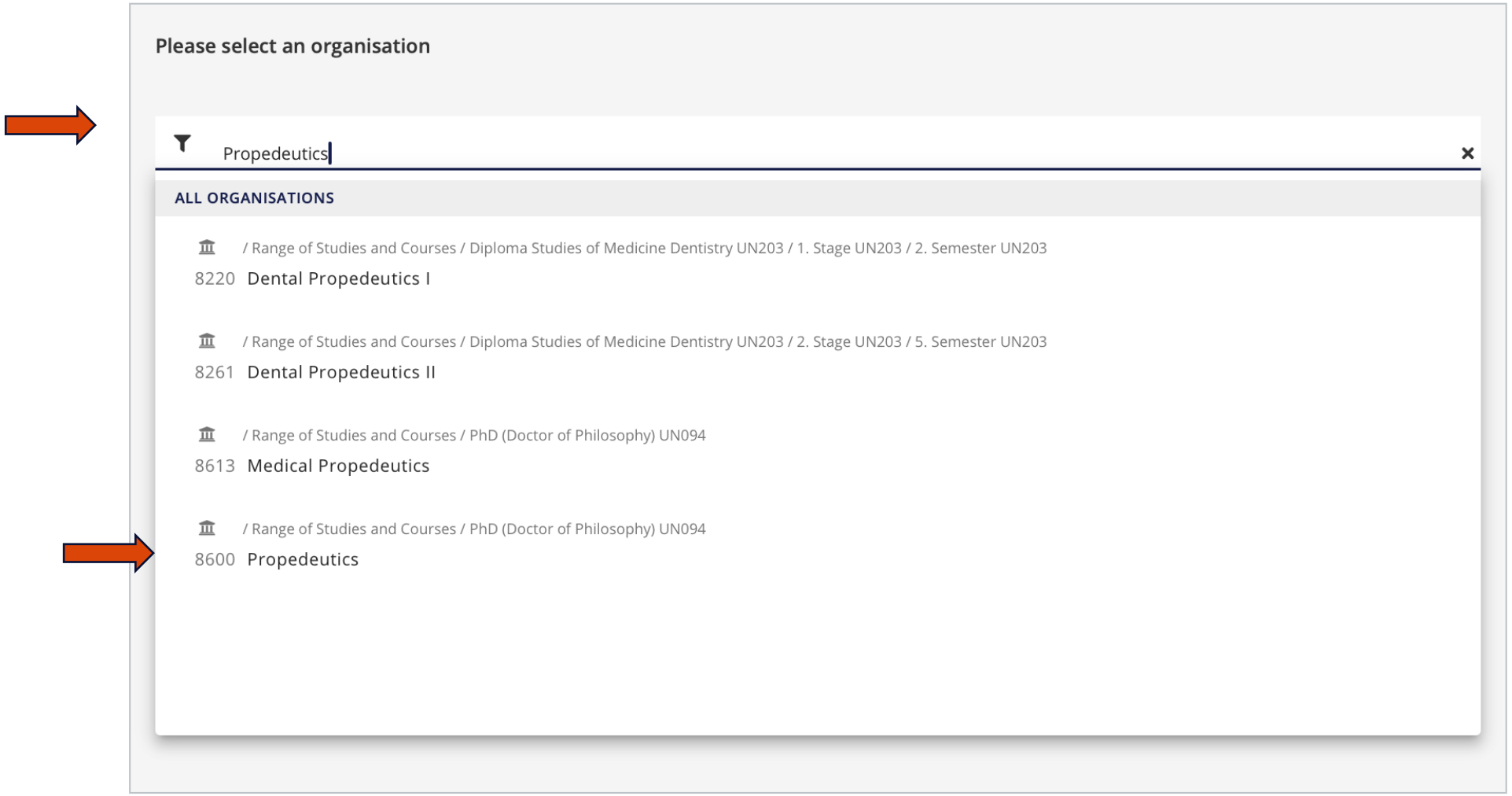
> Doctorands with a non-medical diploma have to complete at least one of the two "*Medical Propedeutics*".
> Doctorands with a medical diploma are not permitted to attend either of the two "*Medical Propedeutics*".

https://www.meduniwien.ac.at/web/studierende/mein-studium/doctoral-programme-of-applied-medical-science-un-790-202/flow-chart-at-a-glance/

Propedeutics



Propedeutics



Propedeutics

11 entries available

Semester

Course no.	Sem.	Term.	Title	Duration	Type	Part/Exams/Eval/Info	SPO C/E/PhD	Lecturer (Assistant)	resp. org.	Languages of Instruction
Winter semester										
502.356	W		**Propedeutics: Medical Biostatistics I**	2	SE		3/0/3	Mittlböck M, Gleiss A	8600	English
502.402	W		**Propedeutics: Methods in Molecular Biology and Biochemistry**	2	L		3/0/3	Ogris E, Dong G, Frohner I, ...	8600	English
502.443	W		**MEDICAL BIOSTATISTICS II**	2	SE		3/0/3	Heinze G	8600	English
502.466	W		**Propedeutics: Experimental Biomedical Studies in Animals**	3	L		3/0/3	Podesser B, Pollak-Monje Quiroga D, Sibilia M, ...	8600	English
860.000	W		**Propedeutics: Scientific Presentation in English**	1	SE		3/0/3	Robinson S	8600	English
860.032	W		**Propedeutics: Preparatory Course for Medical Biostatistics**	1	SE		3/0/3	Kainz A, Ullmann T	8600	English
860.040	W		**Propedeutics: Introduction to Medical Imaging and Biomedical Engineering**	2	L		3/0/3	Rausch I, Bijak M, Birkfellner W, ...	8600	English
901.605	W		**Propedeutics: Ethics in Medicine and Good Scientific Practice**	1	SE		3/0/3	Dinges S, Zezula J	8600	English
902.216	W		**Propedeutics: Scientific Software and Databases**	2	SE		3/0/3	Schmid J, Vasconcelos Raposo Lopes Basilio J	8600	English
902.726	W		**Propedeutics: Project management and intellectual property rights**	1	SE		3/0/3	Kolbus A, Galhaup C, Kroschewski H, ...	8600	English
902.750	W		**Propedeutics: Scientific Writing in English**	1	L		3/0/3	Robinson S	8600	English

Compulsory (elective) courses – offered at the Department of Epidemiology

Overview Epidemiology Courses WS 2026/27

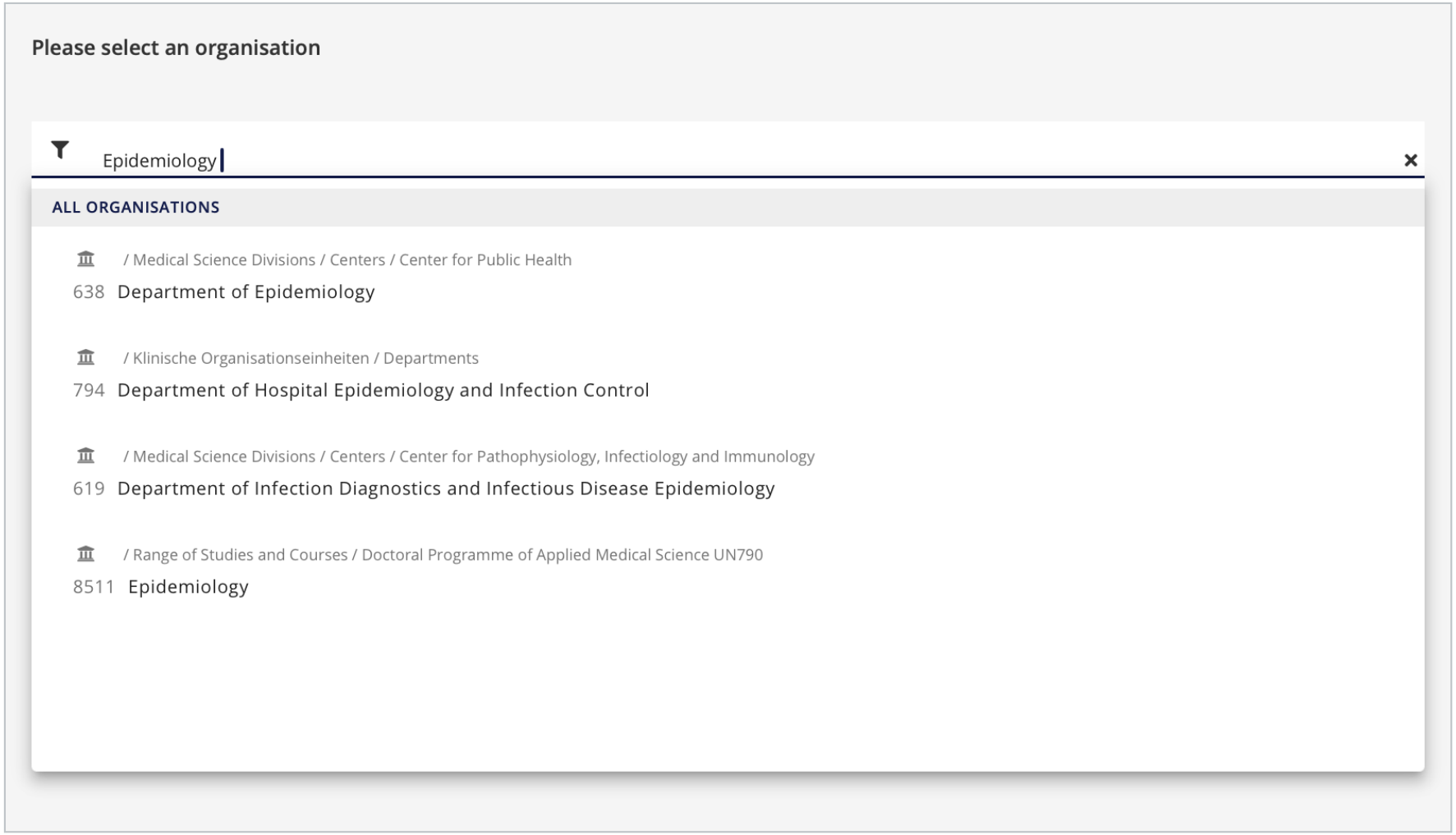
Timetable | UN790 Doctoral Program "Epidemiology" | WS 2026/2027 Version 1

Monday	Tuesday	Wednesday	Thursday	Friday
Kick-off* **Date: 05.10.2026** **Time: 13:00-14:00** **Lecture hall: SR4, Kinderspitalgasse 15**	**16:00 – 20:00** Lecture hall: SR3 **PS (2 SSt (SE)) Epidemiological Methods 1°** Dates: 13.10.2026 20.10.2026 03.11.2026 10.11.2026 17.11.2026 24.11.2026	**16:00 – 19:15** Lecture hall: SR2 **BL (2 SSt (SE)) UN790 Epidemiology Basic Lecture Series 1°** Dates: 14.10.2026 21.10.2026 04.11.2026 11.11.2026 18.11.2026 25.11.2026 02.12.2026 Exam date: 16.12.2026 Lecture Hall: HS1	**16:00 – 17:30** Virtual **JC (2 SSt (SE)) Epidemiology*** Dates: 15.10.2026 (Kick-off) 22.10.2026 05.11.2026 12.11.2026 19.11.2026 26.11.2026 03.12.2026 10.12.2026 17.12.2026 07.01.2027 14.01.2027 21.01.2027 28.01.2027	

* Opening event
° for first-year students
* relevant for all student cohorts
Not listed: Thesis Seminar Epidemiology Individual with Supervisor

www.meduniwien.ac.at/un790/epidemiology

Overview Epidemiology Courses WS 2026/27



Overview Epidemiology Courses WS 2026/27

5 entries available

Semester

Course no.	Sem.	Term.	Title	Duration	Type	Part/Exams/Eval/Info	SPO C/E/PhD	Lecturer (Assistant)	resp. org.	Languages of Instruction
Winter semester										
851.004	W		**JC Epidemiology**	2	SE		1/0/1	Erber A, Kronsteiner-Gicevic S, Papantoniou K, ...	8511	English
851.005	W		**TS Epidemiology Individual**	2	SE		1/0/1	Schernhammer E	8511	English
851.006	W		**SE Basic Lectures: Epidemiology - Series 1**	2	L		1/0/1	Aberle J, Bergthaler A, Erber A, ...	8511	English
851.009	W		**TS Epidemiology**	2	SE		1/0/1	Schernhammer E	8511	English
851.099	W		**PS Epidemiological Methods 1**	2	SE		1/0/1	Erber A, Papantoniou K, Schernhammer E, ...	8511	English

Basic Lecture 1

- **Basic Lecture 1 (and 2 in the next semester)** are **compulsory** for everyone in the epidemiology program

- **Course dates**
  - Wed, 14.10.2026
  - Wed, 21.10.2026
  - Wed, 04.11.2026
  - Wed, 11.11.2026
  - Wed, 18.11.2026
  - Wed, 25.11.2026
  - Wed, 02.12.2026
- Exam 16.12.2026
- Supported on MedCampus and Moodle

Basic Lecture 1 – Schedule and topics

Wednesday October 14, 2026		
Principles of chronic disease epidemiology		
16:00 – 17:30	Intro, course overview, requirements Cardiometabolic disease epidemiology (CVD, T2DM)	Schernhammer E, Strohmaier S
17:45 – 19:15	Epidemiology of aging	Schernhammer E
Wednesday, October 21, 2026		
16:00 – 17:30	Cancer epidemiology	Papantoniou, K
17:30 – 17:45	Break	
17:45 – 19:15	Nutritional epidemiology	Kronsteiner-Gicevic S
Wednesday, November 4, 2026		
17:45 – 19:15	Life course epidemiology	Strohmaier, S, Gundacker C

Basic Lecture 1 – Schedule and topics

Wednesday, November 11, 2026		
Principles of communicable disease epidemiology		
16:00 – 17:30	Introduction: Pathobiology of infectious diseases	Aberle J/Weseslindtner L, Wagner A
17:30 – 17:45	Break	
17:45 – 19:15	Epidemiology of infectious diseases including study design for infectious diseases	Schmid D
Wednesday, November 18, 2026		
16:00 – 17:30	Vaccinology and vaccine epidemiology	Wiedermann-Schmidt U, Wessely A
17:30 – 17:45	Break	
17:45 – 19:15	Environmental surveillance	Bergthaler A
Wednesday, November 25, 2026		
16:00 – 17:30	Infectious disease modeling	Popper N
17:30 – 17:45	Break	
17:45 – 19:15	Social epidemiology	Grabovac I
Wednesday, December 2, 2026		
16:00 – 17:30	Screening and diagnostic accuracy	Schmid D/ Erber A
17:30 – 17:45	Break	
17:45 – 19:15	Managing disease outbreaks: field epidemiology	Strauss R

Practical Seminars

- **Compulsory elective courses**
  - Requirements: total of 4 semester hours (=2 practical seminar courses with 2 semester hours each)
- Currently offered:

  PS Epidemiological Methods 1 and **PS Epidemiological Methods 2**

- **Course dates:**
  - Tue, 13.10.202*6* (16:00 – 20:00)
  - Tue, 20.10.2026 (16:00 – 20:00)
  - Tue, 03.11.2026 (16:00 – 20:00)
  - Tue, 10.11.2026 (16:00 – 20:00)
  - Tue, 17.11.2026 (16:00 – 20:00)
  - Tue, 24.11.2026 (16:00 – 20:00)

Practical Seminars

- **Compulsory elective courses**
  - Requirements: total of 4 semester hours (=2 practical seminar courses with 2 semester hours each)
- Currently offered:

  PS Epidemiological Methods 1 and **PS Epidemiological Methods 2**

- **Course dates:**
  - Tue, 13.10.202*6* (16:00 – 20:00)
  - Tue, 20.10.2026 (16:00 – 20:00)
  - Tue, 03.11.2026 (16:00 – 20:00)
  - Tue, 10.11.2026 (16:00 – 20:00)
  - Tue, 17.11.2026 (16:00 – 20:00)
  - Tue, 24.11.2026 (16:00 – 20:00)

WS 2027/28

PS Epidemiological Methods 1 - Syllabus

CLASS DATES	DESCRIPTION	SPEAKERS
October 13	- Course overview - Lecture: Introduction to epidemiology - Lecture: History of epidemiology and recent developments - Lecture: Measure of disease occurrence - In class practice exercise(s)	Claudia Zimmermann Claudia Zimmermann Claudia Zimmermann Magdalena Żebrowska Magdalena Żebrowska
October 20	- Lecture: Case-control studies - Lecture: Cohort studies - Lecture: Measure of effect or association - In class practice exercise(s)	Kyriaki Papantoniou Kyriaki Papantoniou Kyriaki Papantoniou Kyriaki Papantoniou
November 3	- Lecture: Intervention studies - In class practice exercise(s) - Lecture: Screening - In class practice exercise(s)	Astrid Erber Astrid Erber Astrid Erber Astrid Erber

PS Epidemiological Methods 1 - Syllabus

November 10	- Lecture: Standardization - In class practice exercise(s) - Lecture: Linear, logistic and Poisson regression (recording) - R set-up	Magdalena Żebrowska Magdalena Żebrowska Thomas Waldhör Thomas Waldhör and Susanne Strohmaier
November 17	- Lecture: Linear, logistic and Poisson regression (cont., recording) - In class practice exercise(s) (cont.) - In class practice exercise(s) (cont.)	Thomas Waldhör Thomas Waldhör Thomas Waldhör
November 24	- Lecture: Time-to-event analysis (cont.) - In class practice exercise(s) (cont.) - Lecture: Summary - Wrap-up and feedback	Susanne Strohmaier Susanne Strohmaier Susanne Strohmaier Susanne Strohmaier

Journal Clubs

- **Compulsory elective courses**
  - Requirements: total of 12 semester hours (= 6 Journal Clubs with 2 semester hours each)
  - Assessment: Minimum attendance rate and active participation
  - Currently offered: **JC Epidemiology**
  - **Course dates:**
    - **Weekly online course on Thursdays at 16:00, starting on October 15th**
  - **Link to moodle will be circulated**

Thesis seminars

- **Compulsory elective courses**
  - Requirements: total of 8 semester hours (= 4 thesis seminars with 2 semester hours each)
  - Assessment: Minimum attendance rate and active participation
  - Currently offered:
    - **TS Epidemiology (Schernhammer)**
    - **TS Epidemiology individual**
      - Flexible settings and dates for individual supervisor meetings
      - Registration: **phd-epidemiology@meduniwien.ac.at**

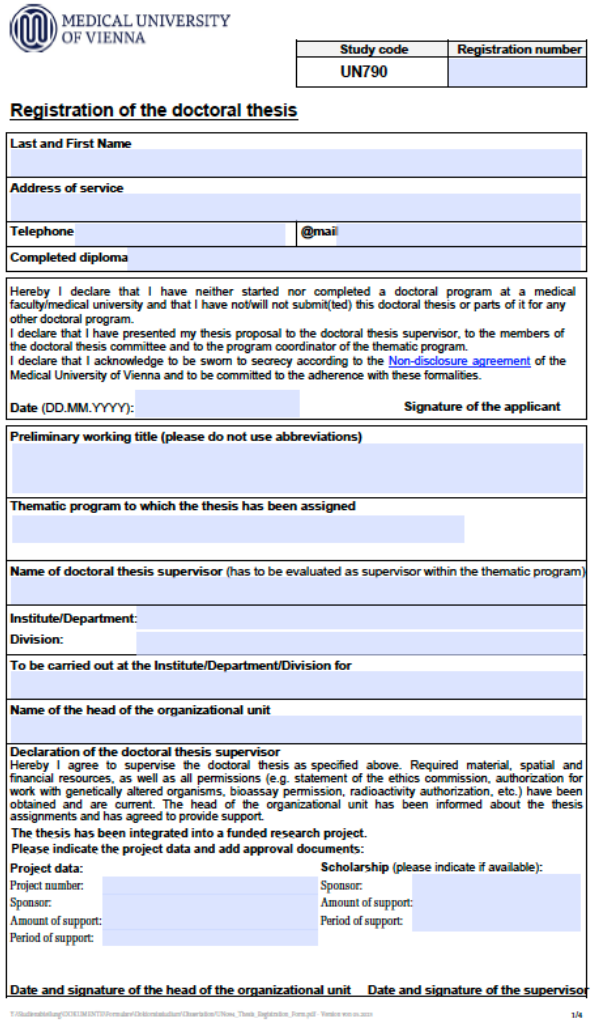
Thesis

Thesis registration

- The doctoral thesis should be registered as soon as possible and latest by the end of the 2nd semester
- Prior steps:
  - Assemble as **thesis committee** (see thesis registration form)
  - **Prepare a thesis proposal** (also termed work plan) under supervision
  - **Defend the thesis proposal** in front of the thesis committee
  - Get **program Coordinator's approval** for the **thesis proposal**

  - **Senior supervisor:**
    - In case the supervisor is a 'junior supervisor' an additional senior supervisor needs to be appointed; he/she may also be one of the two committee members.

Thesis registration form (1/4)



MEDICAL UNIVERSITY OF VIENNA

Study code	Registration number
UN790	

Registration of the doctoral thesis

Last and First Name

Address of service

Telephone | **@mail**

Completed diploma

Hereby I declare that I have neither started nor completed a doctoral program at a medical faculty/medical university and that I have not/will not submit(ted) this doctoral thesis or parts of it for any other doctoral program.
I declare that I have presented my thesis proposal to the doctoral thesis supervisor, to the members of the doctoral thesis committee and to the program coordinator of the thematic program.
I declare that I acknowledge to be sworn to secrecy according to the Non-disclosure agreement of the Medical University of Vienna and to be committed to the adherence with these formalities.

Date (DD.MM.YYYY): **Signature of the applicant**

Preliminary working title (please do not use abbreviations)

Thematic program to which the thesis has been assigned

Name of doctoral thesis supervisor (has to be evaluated as supervisor within the thematic program)

Institute/Department:
Division:

To be carried out at the Institute/Department/Division for

Name of the head of the organizational unit

Declaration of the doctoral thesis supervisor
Hereby I agree to supervise the doctoral thesis as specified above. Required material, spatial and financial resources, as well as all permissions (e.g. statement of the ethics commission, authorization for work with genetically altered organisms, bioassay permission, radioactivity authorization, etc.) have been obtained and are current. The head of the organizational unit has been informed about the thesis assignments and has agreed to provide support.
The thesis has been integrated into a funded research project.
Please indicate the project data and add approval documents:

Project data:
Project number:
Sponsor:
Amount of support:
Period of support:

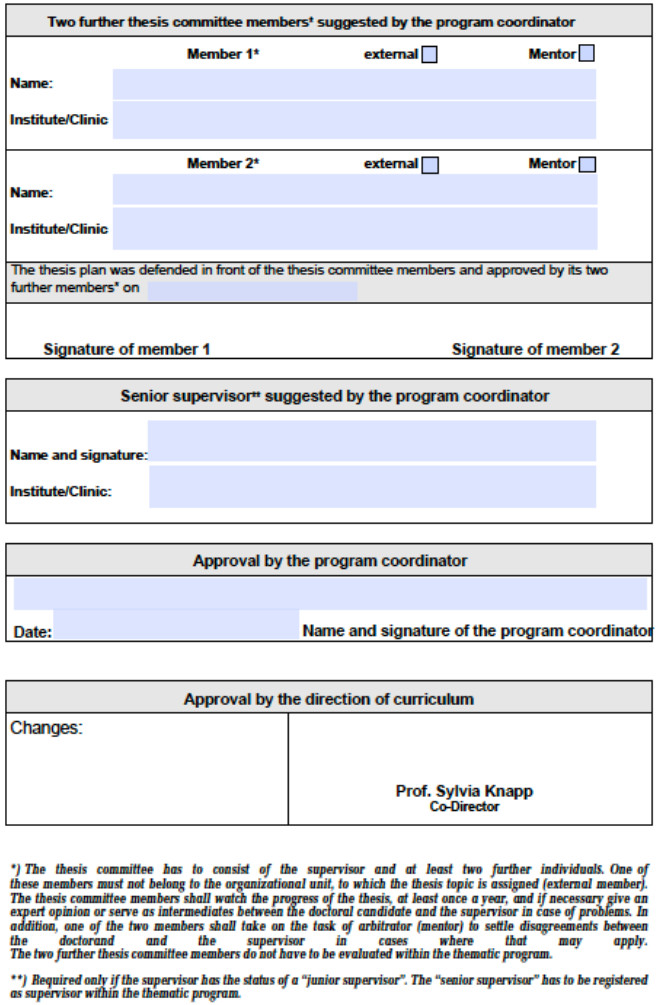
Scholarship (please indicate if available):
Sponsor:
Amount of support:
Period of support:

Date and signature of the head of the organizational unit **Date and signature of the supervisor**

1/4

- https://www.meduniwien.ac.at/web/fileadmin/content/serviceeinrichtungen/studienabteilung/studium/PhD/pdf/UN790_Thesis_Registration.pdf
- Details regarding PhD candidate
- Working title
- Thematic program
- Supervisor, institution and OEL
- Funding
- **Signatures**: OEL, supervisor

Thesis registration form (2/4)



Two further thesis committee members* suggested by the program coordinator			
	Member 1*	external ☐	Mentor ☐
Name:			
Institute/Clinic			
	Member 2*	external ☐	Mentor ☐
Name:			
Institute/Clinic			
The thesis plan was defended in front of the thesis committee members and approved by its two further members* on			
Signature of member 1		Signature of member 2	

Senior supervisor** suggested by the program coordinator	
Name and signature:	
Institute/Clinic:	

Approval by the program coordinator	
Date:	Name and signature of the program coordinator

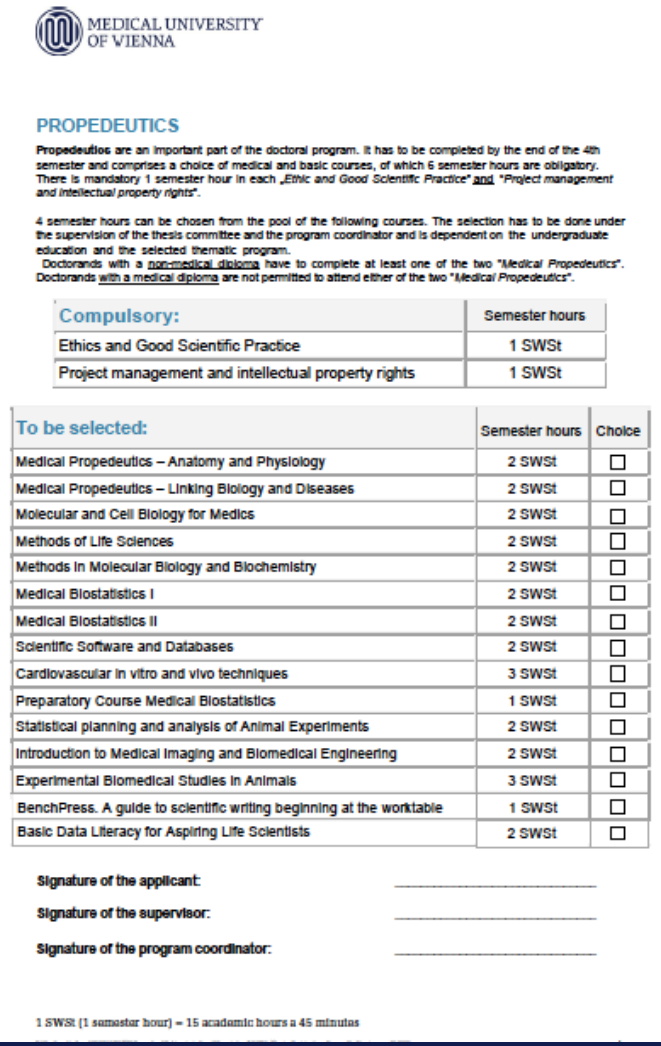
Approval by the direction of curriculum	
Changes:	Prof. Sylvia Knapp Co-Director

**) The thesis committee has to consist of the supervisor and at least two further individuals. One of these members must not belong to the organizational unit, to which the thesis topic is assigned (external member). The thesis committee members shall watch the progress of the thesis, at least once a year, and if necessary give an expert opinion or serve as intermediates between the doctoral candidate and the supervisor in case of problems. In addition, one of the two members shall take on the task of arbitrator (mentor) to settle disagreements between the doctorand and the supervisor in cases where that may apply. The two further thesis committee members do not have to be evaluated within the thematic program.*

***) Required only if the supervisor has the status of a "junior supervisor". The "senior supervisor" has to be registered as supervisor within the thematic program.*

- **Thesis committee**:
  - includes 1 supervisor, max. 1 committee member from the same organizational unit, at least 1 member from outside the organizational unit
  - **Responsibilities:**
    - Mentoring and potential conflict resolution
    - Yearly committee meetings (=progress report meeting), relevant form must be submitted to the department of student affairs
    - **Signatures**: committee, senior supervisor, program coordinator

Thesis registration form (3/4)



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PROPEDEUTICS

Propedeutics are an important part of the doctoral program. It has to be completed by the end of the 4th semester and comprises a choice of medical and basic courses, of which 6 semester hours are obligatory. There is mandatory 1 semester hour in each „*Ethic and Good Scientific Practice*" and "*Project management and intellectual property rights*".

4 semester hours can be chosen from the pool of the following courses. The selection has to be done under the supervision of the thesis committee and the program coordinator and is dependent on the undergraduate education and the selected thematic program.
Doctorands with a non-medical diploma have to complete at least one of the two "*Medical Propedeutics*". Doctorands with a medical diploma are not permitted to attend either of the two "*Medical Propedeutics*".

Compulsory:	Semester hours
Ethics and Good Scientific Practice	1 SWSt
Project management and intellectual property rights	1 SWSt

To be selected:	Semester hours	Choice
Medical Propedeutics – Anatomy and Physiology	2 SWSt	☐
Medical Propedeutics – Linking Biology and Diseases	2 SWSt	☐
Molecular and Cell Biology for Medics	2 SWSt	☐
Methods of Life Sciences	2 SWSt	☐
Methods in Molecular Biology and Biochemistry	2 SWSt	☐
Medical Biostatistics I	2 SWSt	☐
Medical Biostatistics II	2 SWSt	☐
Scientific Software and Databases	2 SWSt	☐
Cardiovascular in vitro and vivo techniques	3 SWSt	☐
Preparatory Course Medical Biostatistics	1 SWSt	☐
Statistical planning and analysis of Animal Experiments	2 SWSt	☐
Introduction to Medical Imaging and Biomedical Engineering	2 SWSt	☐
Experimental Biomedical Studies in Animals	3 SWSt	☐
BenchPress. A guide to scientific writing beginning at the worktable	1 SWSt	☐
Basic Data Literacy for Aspiring Life Scientists	2 SWSt	☐

Signature of the applicant: _____

Signature of the supervisor: _____

Signature of the program coordinator: _____

1 SWSt (1 semester hour) = 15 academic hours a 45 minutes

- **Selection of propedeutics** should be discussed with the supervisor
  - Reminder:
    - 2 compulsory courses
    - Candidates with a medical degree should not attend the medical propedeutics, candidates with a non-medical degree have to take at least one of the medical propedeutics
- **Signatures:** supervisor, doctoral candidate, program coordinator

Thesis registration form (4/4)

This form has to be filled in and signed by the supervisor in connection with each thesis registration!

Essentielle Eckpunkte der Dissertationsbetreuung an der MedUni Wien

1. *Führung und Hilfestellung bzgl. eines Dissertationsprojekts*
2. *Einschätzung der notwendigen Ausbildung und Führung bzw. Hilfestellung bei Auswahl und Besuch der Lehrveranstaltungen*
3. *Integration der Studierenden in eine aktive Forschungsgruppe oder in ein Forschungsnetzwerk*
4. *Hilfe bei der Erstellung und Einreichung des Dissertationsplans innerhalb von 6 Monaten nach Inskription*
5. *Engmaschige Kontrolle und Anleitung bei der Durchführung der Dissertation*
6. *Vermittlung von wissenschaftlicher Kommunikationskompetenz*
7. *Unterstützung der DissertantInnen bei der aktiven Teilnahme und persönliche Teilnahme am jährlichen PhD Symposium der MedUniWien*
8. *Aktive Teilnahme am Unterricht (besonders DissertantInnen-Seminare) innerhalb des gewählten Programms, Teilnahme an Rigorosen und Anleitung der Studierenden für die Journal Clubs*
9. *Unterstützung der DissertantInnen bei der aktiven Teilnahme an internationalen Kongressen*
10. *Hilfestellung bei der Erstellung eines Erstautormanuskripts und der Dissertation*

Ich bin BetreuerIn im thematischen Programm/in den thematischen Programmen

_____

_____

_____

und habe die obengenannten Richtlinien zur Kenntnis genommen.

_____

Vorname, Nachname BetreuerIn Datum, Unterschrift

_____

Vorname, Nachname Studierende/r Datum, Unterschrift

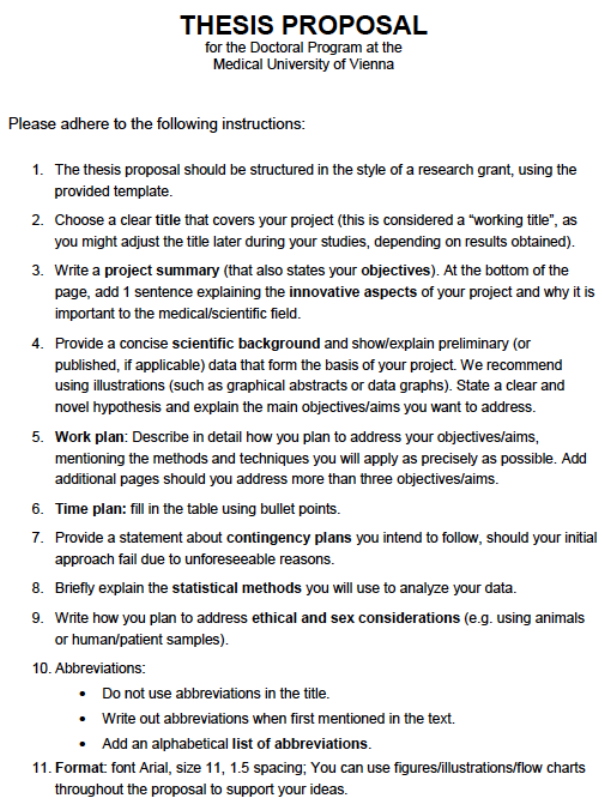
- Supervisor declaration
- **Signatures**: supervisor, doctoral candidate

Thesis Proposal (work plan)

- Follow the **instructions in the form**
- Check to fulfill all **formality requirements**
- **Send word file (editable) to phd-epidemiology@meduniwien.ac.at**

Thesis Proposal (work plan)

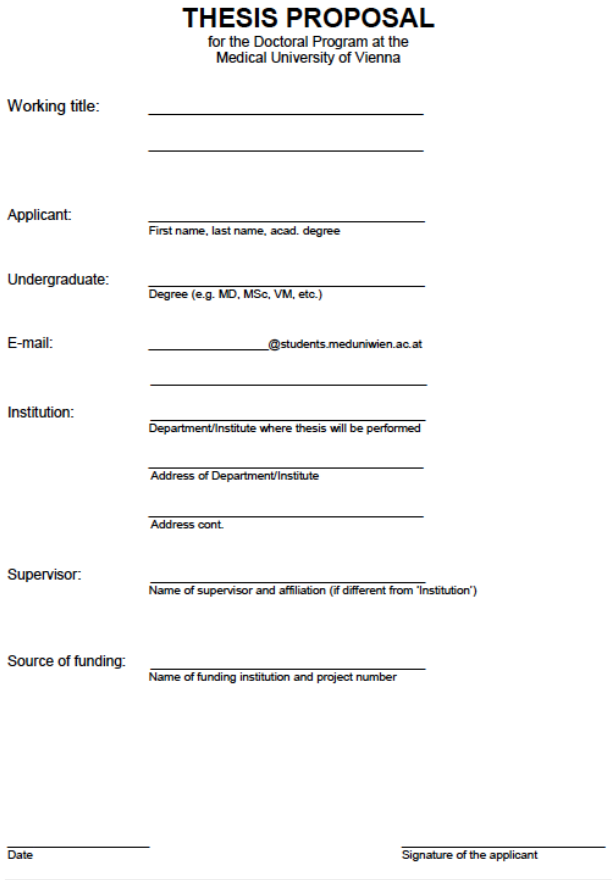
- https://www.meduniwien.ac.at/web/fileadmin/content/serviceeinrichtungen/studienabteilung/studium/PhD/FormulareOktober2019/UN790_ThesisProposal_01_2020.pdf



THESIS PROPOSAL
for the Doctoral Program at the
Medical University of Vienna

Please adhere to the following instructions:

1. The thesis proposal should be structured in the style of a research grant, using the provided template.
2. Choose a clear **title** that covers your project (this is considered a "working title", as you might adjust the title later during your studies, depending on results obtained).
3. Write a **project summary** (that also states your **objectives**). At the bottom of the page, add 1 sentence explaining the **innovative aspects** of your project and why it is important to the medical/scientific field.
4. Provide a concise **scientific background** and show/explain preliminary (or published, if applicable) data that form the basis of your project. We recommend using illustrations (such as graphical abstracts or data graphs). State a clear and novel hypothesis and explain the main objectives/aims you want to address.
5. **Work plan**: Describe in detail how you plan to address your objectives/aims, mentioning the methods and techniques you will apply as precisely as possible. Add additional pages should you address more than three objectives/aims.
6. **Time plan:** fill in the table using bullet points.
7. Provide a statement about **contingency plans** you intend to follow, should your initial approach fail due to unforeseeable reasons.
8. Briefly explain the **statistical methods** you will use to analyze your data.
9. Write how you plan to address **ethical and sex considerations** (e.g. using animals or human/patient samples).
10. Abbreviations:
    - Do not use abbreviations in the title.
    - Write out abbreviations when first mentioned in the text.
    - Add an alphabetical **list of abbreviations**.
11. **Format**: font Arial, size 11, 1.5 spacing; You can use figures/illustrations/flow charts throughout the proposal to support your ideas.



THESIS PROPOSAL
for the Doctoral Program at the
Medical University of Vienna

Working title: _____

_____

Applicant: _____
First name, last name, acad. degree

Undergraduate: _____
Degree (e.g. MD, MSc, VM, etc.)

E-mail: _____@students.meduniwien.ac.at

_____

Institution: _____
Department/Institute where thesis will be performed

_____
Address of Department/Institute

_____
Address cont.

Supervisor: _____
Name of supervisor and affiliation (if different from 'Institution')

Source of funding: _____
Name of funding institution and project number

_____ _____
Date Signature of the applicant

Thesis Proposal (work plan)

Project summary and objectives (200 – 250 words)

Innovative Aspects | Importance to the field (1 sentence)

Scientific background & preliminary data (min. 350 words, max 2 pages; adding illustrations and/or preliminary data is recommended)

Work plan – Objective/Aim 1: (min. 300 words, max. 500 words)

Work Plan – Objective/Aim 2: (min. 300 words, max. 500 words)

Work Plan – Objective/Aim 3: (min. 300 words, max. 500 words)

Contingency Plans (minimum 100 words)
Summarize strategies to be applied should the proposed techniques and approaches turn out to not be successful or feasible.

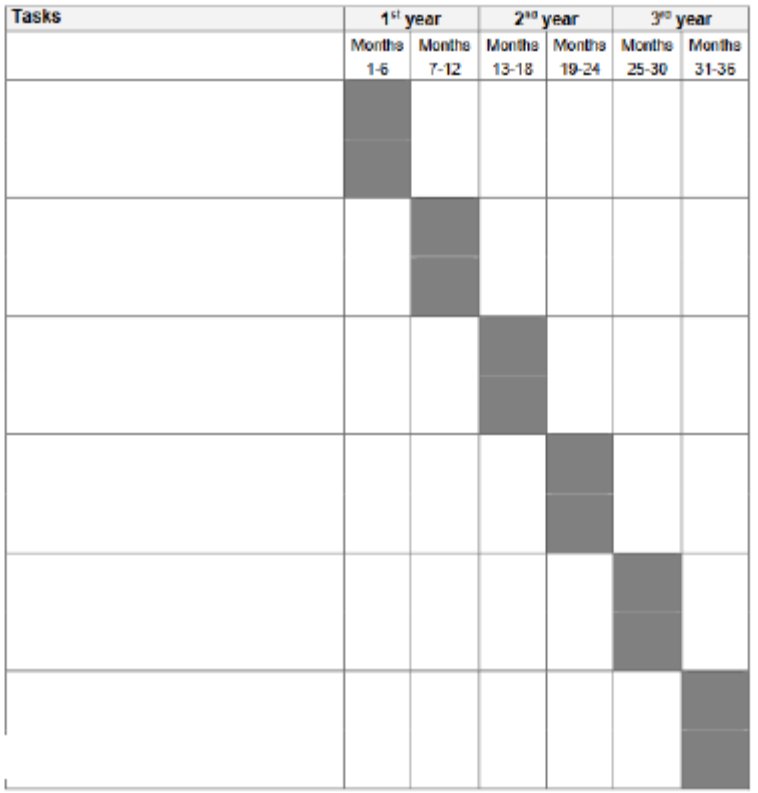
Statistical Analysis Plan (minimum 100 words). If not applicable, please provide an explanation.

Ethical and Sex Considerations (provide a brief statement, if applicable)

List of Abbreviations (in alphabetical order)

References (max. 50)

Time plan (bullet points)



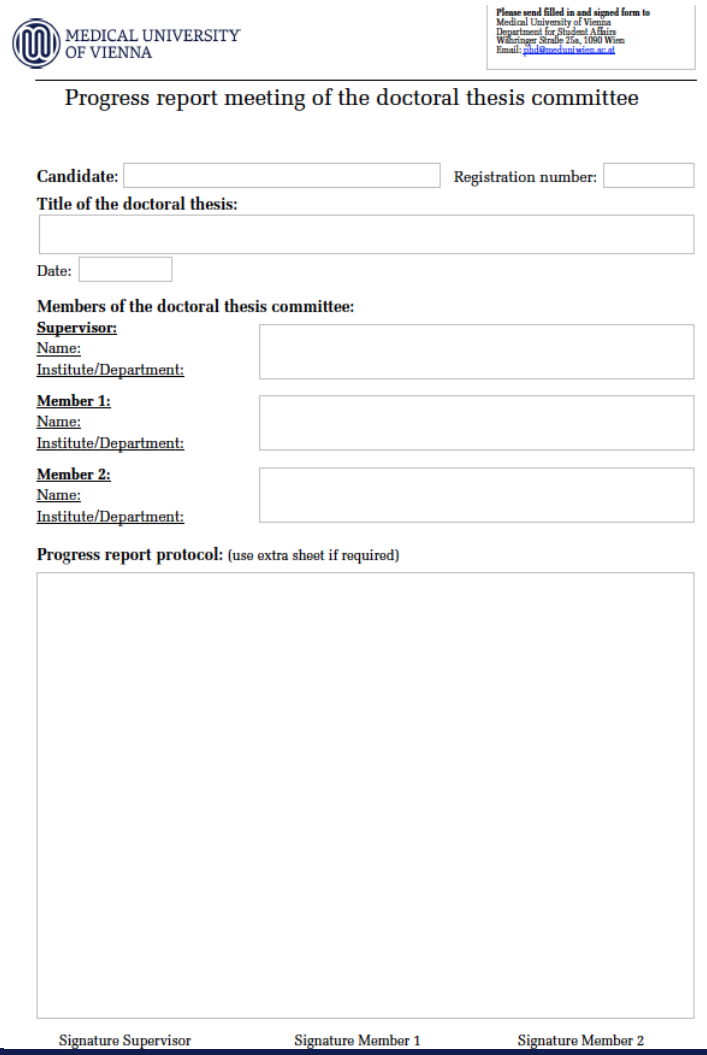
Summary thesis registration to-do's

- Prepare **thesis registration from**
  - Obtain **signatures** from
    - Supervisor(s)
    - OEL (leader of the organizational unit)
    - 2 thesis committee members
- **Prepare and defend** the **thesis proposal**
- Obtain **program coordinator approval** for the thesis proposal
- Obtain **program coordinator signatures** → send to phd-epidemiology@meduniwien.ac.at

  1) signed copy of the thesis registration from

  2) copy of the final thesis proposal
- **Submit** the signed documents to the **Department of Student Affairs** together with proof of funding
- Documents will finally be **reviewed and graded by the MUV (Deputy) Curriculum Director**

Progress report meeting



MEDICAL UNIVERSITY OF VIENNA

Please send filled in and signed form to
Medical University of Vienna
Department for Student Affairs
Währinger Straße 25a, 1090 Wien
Email: phd@meduniwien.ac.at

Progress report meeting of the doctoral thesis committee

Candidate: Registration number:

Title of the doctoral thesis:

Date:

Members of the doctoral thesis committee:

Supervisor:
Name:
Institute/Department:

Member 1:
Name:
Institute/Department:

Member 2:
Name:
Institute/Department:

Progress report protocol: (use extra sheet if required)

Signature Supervisor | Signature Member 1 | Signature Member 2

- At least once a year your progress should be discussed in a joint meeting of the thesis committee
- The respective form should be filled out, signed and sent to the Department of Student Affairs

Thesis criteria

Doctoral thesis

§ 7. (1) The doctoral thesis, written and publicly defended, provides the final proof that the candidate has acquired the knowledge and skills to work independently and competently in science. With the doctoral thesis, the candidate demonstrates that he/she can solve an essential scientific problem successfully and with increasing independence and understands how the new results are to be placed in the framework of the current state of knowledge.

Source (accessed September)
https://www.meduniwien.ac.at/web/studierende/mein-studium/doctoral-program-of-applied-medical-science-un-790-202/rules/

Formal thesis requirements

Recommended thesis outline:

Cover page with Meduniwien logo

Declaration (numerated as ii) regarding where the work was done (Institutes, laboratories) and what part of the work was carried out by people other than the student (contributions of collaborators, technicians, and supervisors). The Declaration should also include a prominent disclosure of any algorithms used for translation, plagiarism prevention or improving the fluency and grammar of the text, thereby protecting students from any possible future accusations of deception.

Table of contents (iii and onwards), with no more than three numerated layers (i.e. 1.1.1 followed by 1.1.2, etc. Avoid 1.2.3.4 and instead consider italicizing further subtitles).

A prologue (2.1) should help the reader link the Introduction to the student's first paper, and additionally underline the student's specific contributions to the inserted published work. Similarly, the interludes (2.1.1 etc) should assist the student to link any subsequent papers to the previous ones, making for better reading but also reaffirming student contribution to the chronicled work.

TABLE OF CONTENTS
Declaration……ii
Table of contents……iii
List of figures……x
List of tables……xviii
List of algorithms……xix
Abstract……xx
Publications arising from this thesis…..xxiii
Abbreviations……xxiv
Acknowledgments……xxvii

CHAPTER ONE: INTRODUCTION
1. General introduction……1-29
1.9 Aims of this thesis……30 (three to six discrete aims)

CHAPTER TWO: RESULTS
2.1 Prologue……31
2.1.1 PDF of first paper……32-40
2.2. Interlude……41
2.2.1 PDF of potential second paper…..42-50
2.3 Interlude……51
2.3.1 PDF of potential third paper……52-60

CHAPTER THREE: DISCUSSION
3.1 General discussion……60-79
3.9 Conclusion & future prospects ……80

CHAPTER FOUR: MATERIALS & METHODS
4.1 Materials……81-82
4.2 Methods……83-100

REFERENCES……101 and onwards
According to EMBO J

Y:\Studienabteilung\DOKUMENTE\Formulare\Doktoratsstudium\Dissertation\Thesis Outline.pdf – 29.04.2024

Doctoral thesis at the Medical University of Vienna
for obtaining the academic degree

Doctor of Medical Science

Submitted by

Title, first name and last name of the doctorand

Supervisor:
Title, first name and last name
Name and address of the organisational unit/clinic

Name and address of the organisational unit/clinic
where the thesis was carried out
if the address is not identical with the above one

Vienna, date of submission (format: mm/yyyy)

- **Thesis – Compilation:**

https://www.meduniwien.ac.at/web/studierende/mein-studium/doctoral-programme-of-applied-medical-science/doctoral-thesis/doctoral-thesis-compilation/

- **Thesis – Submission**

https://www.meduniwien.ac.at/web/studierende/mein-studium/doctoral-programme-of-applied-medical-science-un-790-202/doctoral-thesis/doctoral-thesis-submission/

Formal thesis requirements

Recommended thesis outline:

Cover page with Meduniwien logo

Declaration (numerated as ii) regarding where the work was done (Institutes, laboratories) and what part of the work was carried out by people other than the student (contributions of collaborators, technicians, and supervisors).

Table of contents (iii and onwards), with no more than three numerated layers (i.e. 1.1.1 followed by 1.1.2, etc. Avoid 1.2.3.4 and instead consider italicizing further subtitles).

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CHAPTER THREE: DISCUSSION
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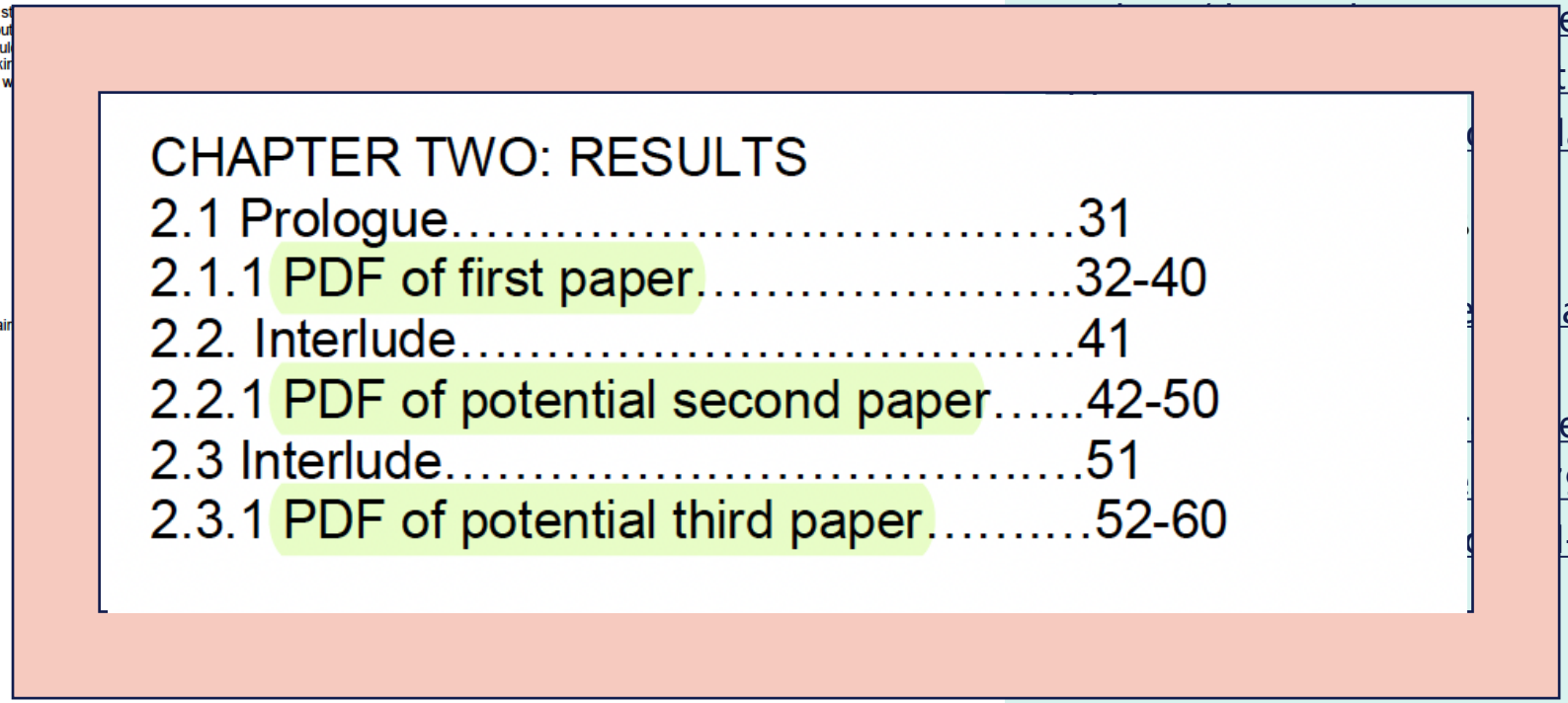
REFERENCES……101 and onwards
According to EMBO J

APPENDIX

CV

Doctoral thesis at the Medical University of Vienna
for obtaining the academic degree

Doctor of Medical Science



- **Thesis – Compilation:**

https://www.meduniwien.ac.at/web/studierende/mein-

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Thesis evaluation

(10) The dissertation completed according to the dissertation plan is to be submitted to the curriculum director. Without undue delay, the Curriculum Director has to appoint two reviewers to review and assess the dissertation (one reviewer must be a member of MedUni Vienna and one reviewer must be an external reviewer), who shall review and assess the dissertation within a maximum of four months from submission. The supervisor of the dissertation may not be consulted as a reviewer. If the dissertation is not reviewed and assessed within the deadline, the curriculum director shall assign the dissertation to one or two other reviewers for review and assessment at the request of the student.

Source (accessed September 2023)
https://www.meduniwien.ac.at/web/studierende/mein-studium/doctoral-program-of-applied-medical-science-un-790-202/rules/

Thesis defense (doctoral viva)

- **After positive reviewer statements** are obtained and examination board is nominated (1 chairperson + 2 further examiners) and a date for the defense is fixed
- **Public lecture** comprising
  - the doctoral thesis including current knowledge relevant for the respective scientific problem
  - the thematic field encompassing the thesis topic
- In **English**
- **Duration**:
  - Approx. 20 min lecture
  - Approx. 30 min discussion

General Info

(UN790) Admission period

Wintersemester 2026/27

06. Juli 2026 - 05. Sep. 2026	Allgemeine Zulassungsfrist
06. Sep. 2026 - 31. Okt. 2026	Ausnahmefrist (65 Abs. 2 UG) / (Nachfrist)
01. Okt. 2026	Semesterbeginn

Sommersemester 2027

08. Jän. 2027 - 05. Feb. 2027	Allgemeine Zulassungsfrist
06. Feb. 2027 - 31. März 2027	Ausnahmefrist (65 Abs. 2 UG) / (Nachfrist)
01. März 2027	Semesterbeginn

How to get in touch

UN790 Epidemiology

program coordinator: Univ.-Prof.in Mag.a Dr.in Eva Schernhammer, Dr

program administrator : Gudrun Stock-Baumgarnter, MBA

Contact: phd-epidemiology@meduniwien.ac.at

Curriculum director of **MUV doctoral programs**:

Univ. Prof. Dr. Stefan Böhm

contact: stefan.boehm@meduniwien.ac.at

Department of Student Affairs:

Mag. Dieter Breitenbaum

Vesna Dominkovic, Bakk.

contact: phd@meduniwien.ac.at

Program coordination and administration



Univ.-Prof. Eva Schernhammer



Ap. Prof. Susanne Strohmaier



Gudrun Stock, MBA

Contact: phd-epidemiology@meduniwien.ac.at

www.meduniwien.ac.at/un790/epidemiology

Miscellaneous

Supervisor Status

Criteria for Junior Supervisors UN790

Kriterien zur Bestellung von Junior-Dissertationsbetreuer: innen im Studium UN790 an der MedUniWien:

1. Integration in eine aktive Forschungsgruppe oder in ein Forschungsnetzwerk.

   1.a. Dokumentationsform: Joint-Publikationen der letzten 6 Jahre, regelmäßige „Journal Clubs", organisierte Seminare, Science Meetings mit Präsentationen der Ergebnisse durch PostDocs und Dissertant: innen.

2. Verfügbarkeit von finanziellen Mitteln im Rahmen eigener Forschungsprojekte, die die Durchführung eines Dissertationsprojekts gewährleisten.

   2.a. Dokumentationsform: Bewilligungsdokument, Fördervertrag, SAP Ausdruck.

3. Erfahrung in der Betreuung von Diplomarbeiten.

   3.a. Dokumentationsform: Min. zwei abgeschlossene Diplomarbeiten und jeweils mindestens einer zugehörigen Publikation mit den Diplomand: innen als Autor: innen, jeweils mindestens in sogenannten „Standardjournalen". Die Antragsteller: in muss als Erst-, Letzt- oder korrespondierende Autor: in in diesen Publikationen aufscheinen.

4. Erfolgreiche Teilnahme an Seminar „Motivation und Führung von Diplomand: innen und Dissertant: innen" und „Rechtliche und organisatorische Aspekte der Dissertationsbetreuung" an der MedUni Wien.

   4.a. Dokumentationsform: Kursbestätigung.

- https://intranet.meduniwien.ac.at/index.php?eID=dumpFile&t=f&f=5366&token=68d296ef3a5c08f5d0b070dd9ea60842b5f1d350&filetype=pdf&filename=Leitfaden_SupervisorInnen_Bewerbung_DE_Updated_082022.pdf

Criteria for Senior Supervisors UN790

Kriterien zur Bestellung von Senior-Dissertationsbetreuer: innen im Studium UN790 an der MedUni Wien:

1. Integration in eine aktive Forschungsgruppe oder in ein Forschungsnetzwerk.
   1.a. Dokumentationsform: Publikationen der letzten 6 Jahre.
2. Erfahrung in der Ausbildung von Dissertant: innen im Doktoratsstudium, alternativ Erfahrung in der Ausbildung anderer Mitarbeiter: innen.
   2.a. Dokumentationsform: Min. zwei Erstautorpublikationen von zwei zuvor persönlich betreuten Doktoratsstudent:innen, auch als Junior-Disserationsbetreuer:in, alternativ mindestens drei Erstautorpublikationen von drei zuvor persönlich betreuten Mitarbeiter: innen, jeweils mindestens in sogenannten „Standardjournalen". Die Antragsteller: in muss als Letztautor: in oder korrespondierende Autor: in diesen Publikationen aufscheinen.
3. Erfahrung in der Organisation und Durchführung (klinischer) Forschungsprojekte.
4. Verfügbarkeit von finanziellen Mitteln im Rahmen eigener Forschungsprojekte, die die Durchführung eines Dissertationsprojekts gewährleisten.

   4 a. Dokumentationsform: Bewilligungsdokument, Fördervertrag, etc.
5. Erfolgreiche Teilnahme am Seminar „Rechtliche und organisatorische Aspekte der Dissertationsbetreuung" an der MedUni Wien.

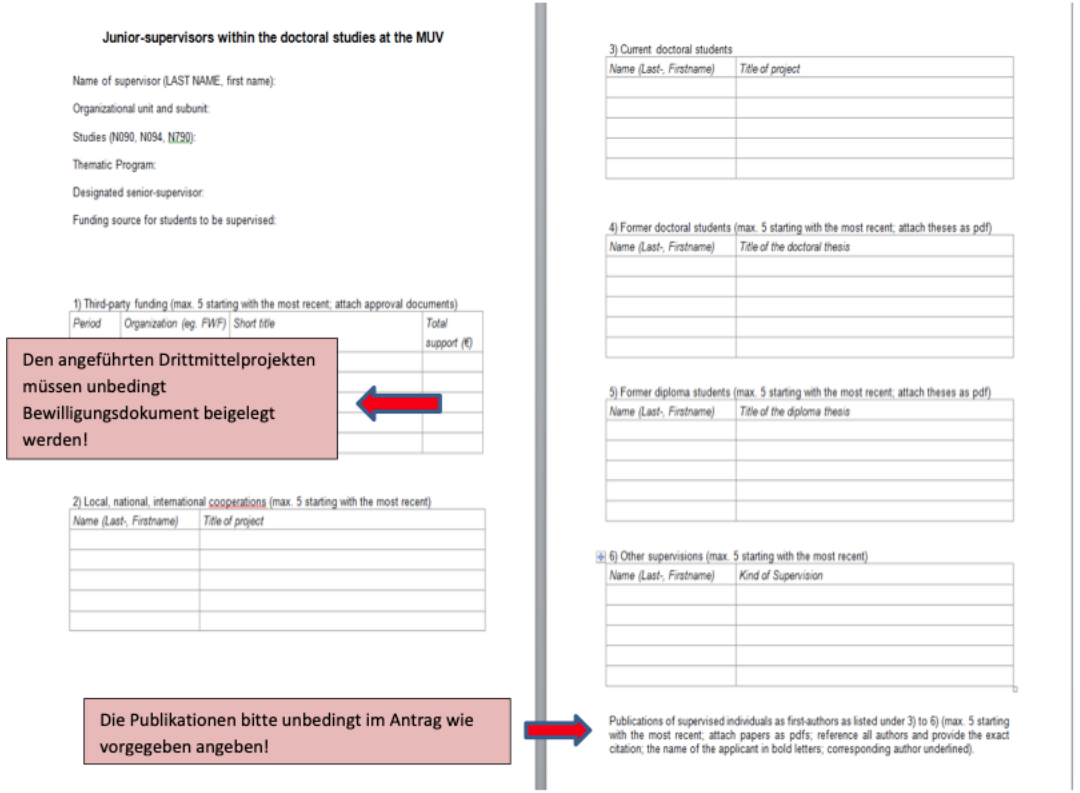
   5a. Dokumentationsform: Kursbestätigung.

- https://intranet.meduniwien.ac.at/index.php?eID=dumpFile&t=f&f=5366&token=68d296ef3a5c08f5d0b070dd9ea60842b5f1d350&filetype=pdf&filename=Leitfaden_SupervisorInnen_Bewerbung_DE_Updated_082022.pdf

Supervisor application

Wie werde ich registrierte Betreuer: in?

- Studienplan wählen
- Thematisches Programm wählen
- Teilnahme an den Vorbereitungsseminaren
- Bewerbungsformular ausfüllen und alle notwendigen Dokumente beilegen
- Einreichen des vollständig ausgefüllten Bewerbungsformulars bei ihrer Programmkoordinator: in
- Die Programmkoordinator: in gibt die Unterlagen für die Weiterreichung an die Arbeitsgruppe frei
- Evaluierung durch Arbeitsgruppe der Curriculumkommission/direktion
- Eventuelle Rückfragen über die Studienabteilung/Programmkoordinator: innen
- Bekanntgabe der Aufnahme durch die Studienabteilung/Programmkoordinator: innen



Junior-supervisors within the doctoral studies at the MUV

Name of supervisor (LAST NAME, first name):

Organizational unit and subunit:

Studies (N090, N094, N790):

Thematic Program:

Designated senior-supervisor:

Funding source for students to be supervised:

1) Third-party funding (max. 5 starting with the most recent; attach approval documents)

Period	Organization (eg. FWF)	Short title	Total support (€)

Den angeführten Drittmittelprojekten müssen unbedingt Bewilligungsdokument beigelegt werden!

2) Local, national, international cooperations (max. 5 starting with the most recent)

Name (Last-, Firstname)	Title of project

Die Publikationen bitte unbedingt im Antrag wie vorgegeben angeben!

3) Current doctoral students

Name (Last-, Firstname)	Title of project

4) Former doctoral students (max. 5 starting with the most recent; attach theses as pdf)

Name (Last-, Firstname)	Title of the doctoral thesis

5) Former diploma students (max. 5 starting with the most recent; attach theses as pdf)

Name (Last-, Firstname)	Title of the diploma thesis

6) Other supervisions (max. 5 starting with the most recent)

Name (Last-, Firstname)	Kind of Supervision

Publications of supervised individuals as first-authors as listed under 3) to 6) (max. 5 starting with the most recent; attach papers as pdfs; reference all authors and provide the exact citation; the name of the applicant in bold letters; corresponding author underlined).

- https://intranet.meduniwien.ac.at/index.php?eID=dumpFile&t=f&f=5366&token=68d296ef3a5c08f5d0b070dd9ea60842b5f1d350&filetype=pdf&filename=Leitfaden_SupervisorInnen_Bewerbung_DE_Updated_082022.pdf

Switch to UN094 – PhD program

Crediting between the doctoral studies of the Medical University of Vienna

§ 9. (1) Courses (preparatory course, basic lecture, basic seminar, basic course, dissertation seminars, journal clubs and participation in the PhD/dissertation symposium as well as defence of the work plan/dissertation plan) completed in one of the doctoral studies of the Medical University of Vienna shall be mutually recognised in full.

(2) In the event of a transfer from the PhD programme (N094) to the doctoral programme in applied medical science (N790), students who have successfully completed all courses according to the study plan N094 and whose dissertation has been approved shall have their achievements fully recognised.

(3) The achievements of students who have successfully completed all courses according to the curriculum N790 and whose dissertation has been approved shall be fully recognised when transferring from the doctoral programme in applied medical science (N790) to the PhD programme (N094), provided that the following requirements are met:

- Existence of a first author publication by the student in the field of the dissertation topic in a top journal (ISI ranking).
- Employment from a research project for at least one year (without any involvement in possible routine clinical activities).

- https://www.meduniwien.ac.at/web/studierende/mein-studium/doctoral-program-of-applied-medical-science-un-790-202/rules/

How to get in touch

UN790 Epidemiology

program coordinator: Univ.-Prof.in Mag.a Dr.in Eva Schernhammer, Dr

program administrator : Gudrun Stock-Baumgarnter, MBA

Contact: phd-epidemiology@meduniwien.ac.at

Curriculum director of **MUV doctoral programs**:

Univ. Prof. Dr. Stefan Böhm

contact: stefan.boehm@meduniwien.ac.at

Department of Student Affairs:

Mag. Dieter Breitenbaum

Vesna Dominkovic, Bakk.

contact: phd@meduniwien.ac.at

Admission

UN 790 Admission requirements

Qualifications	Completed diploma program in human medicine, dentistry or natural science/technical subject
Supervision	Dissertation topic within the framework of a research project; Supervision commitment by a supervisor with the relevant qualifications
Funding and Employment	Relevant funding or employment dedicated to the doctoral project (research grant, fellowship, employment at the MUW/AKH)
Admission documents	See admission check list (next pages)

Once you have identified a thesis topic together with a funding source and a committed supervisor, get in touch with the program director at phd-epidemiology@meduniwien.ac.at

UN790 Admission checklist including link to admission platforms

MEDIZINISCHE UNIVERSITÄT WIEN

Checkliste – Zulassung Doktoratsstudium UN790

Link UN790 Anmeldung und Zulassung: https://www.meduniwien.ac.at/web/studium-weiterbildung/phd-und-doktoratsstudien/doktoratsstudium-der-angewandten-medizinischen-wissenschaft-un790/

Application Form	☐
Dissertationskonzept **WICHTIG:** - *akkreditierte/r Supervisor/in; nur eine/n Supervisor/in angeben (Junior oder Senior ist hier nicht relevant)* - *Informationen zum angegebenen Projekt des Supervisor/in müssen vollständig angegeben werden (Supervisor/in muss über ein aktuell bewilligtes Drittmittelprojekt verfügen und dieses muss im Dissertationskonzept angegeben werde; das Drittmittelprojekt muss nicht in direktem Zusammenhang mit dem Dissertationsprojekt stehen)* - *Bewilligungsdokument des angegebenen Drittmittelprojekts anhängen (z.B. Projektmeldebestätigung, Fördervertrag, SAP Ausdruck)* - *Notwendige Unterschriften und Stempel einholen* - *Das Formular elektronisch ausfüllen; bei Thesis Project aims, milestones and results expected – reichen Stichwörter aus*	☐
***Maturazeugnis**	☐
***Abschlussbestätigung der absolvierten Studien**	☐
***Eligibility Certification** (für Antragsteller ohne EEA Staatsbürgerschaft)	☐
Lebenslauf	☐
Foto	☐
Kopie des Reisepasses	☐
Nachweis der Anstellung (mind. 20 Wochenstunden) Sollte ein Anstellungsverhältnis vorliegen, das nicht primär der Bearbeitung des Dissertationsprojekts dient, so hat der Arbeitsvertrag Dienstzeit zur Verfolgung eines wissenschaftlichen Forschungsprojekts vorzusehen. Begründung: nach Europäischen Richtlinien (http://www.eua.be/Libraries/publications-homepage-list/Salzburg_II_Recommendations) sind Doktoratsstudien keine rein berufsbegleitenden Studien.	☐

*Die eingereichten Dokumente die nicht in Deutsch oder Englisch ausgestellt sind, müssen auf Deutsch oder Englisch übersetzt werden und die notwendige Authentifizierung haben.

Link to admission checklist (only available in German)

- https://www.meduniwien.ac.at/web/fileadmin/content/serviceeinrichtungen/studienabteilung/studium/PhD/FormulareOktober2019/UN790/CheckListe_Zulassung_UN790.pdf

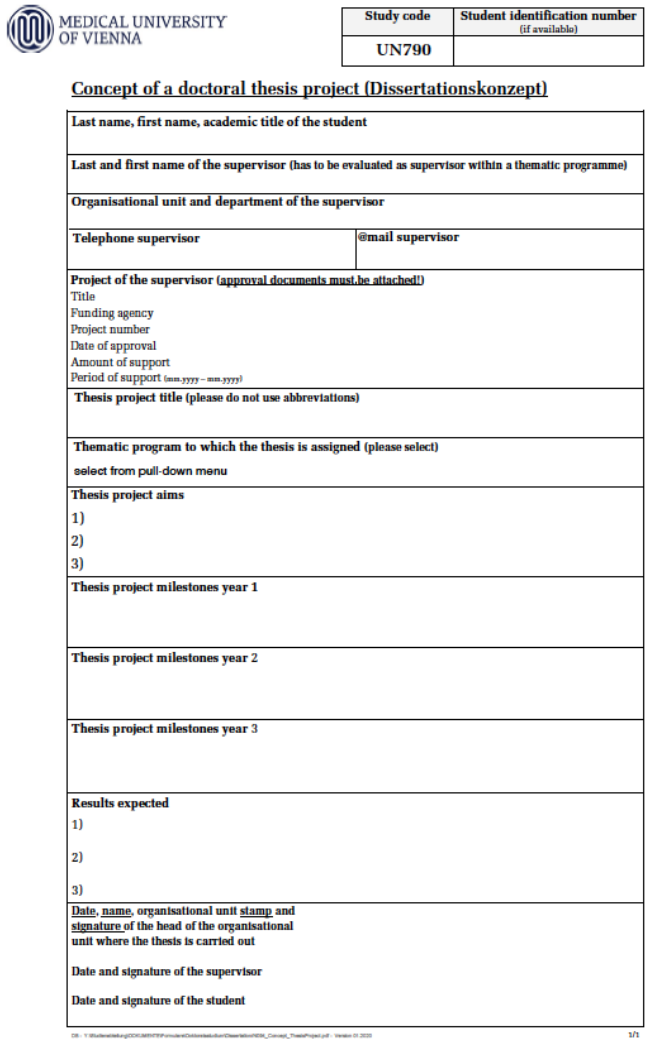
Link to admission platforms

- https://www.meduniwien.ac.at/web/studium-weiterbildung/phd-und-doktoratsstudien/doktoratsstudium-der-angewandten-medizinischen-wissenschaft-un790/

UN790 Admission documents

- Concept of the doctoral thesis
- Approval document of the project of the supervisor
- Application form for admission
- Eligibility certification (if required)
- Employment contract (min 20h per week) demonstrating dedicated resources to conduct the research project
- Copy of your passport
- Residency permit or similar (if applicable and required)
- Color photo (passport size)
- CV
- High school leaving certificate
- Certificates of completed studies
- Proof of English language skills

UN 790 Concept of a doctoral thesis project



MEDICAL UNIVERSITY OF VIENNA

Study code	Student identification number (if available)
UN790	

Concept of a doctoral thesis project (Dissertationskonzept)

Last name, first name, academic title of the student
Last and first name of the supervisor (has to be evaluated as supervisor within a thematic programme)
Organisational unit and department of the supervisor
Telephone supervisor / **@mail supervisor**
Project of the supervisor (approval documents must be attached!) Title Funding agency Project number Date of approval Amount of support Period of support (mm.yyyy – mm.yyyy)
Thesis project title (please do not use abbreviations)
Thematic program to which the thesis is assigned (please select) select from pull-down menu
Thesis project aims 1) 2) 3)
Thesis project milestones year 1
Thesis project milestones year 2
Thesis project milestones year 3
Results expected 1) 2) 3)
Date, name, organisational unit stamp and signature of the head of the organisational unit where the thesis is carried out **Date and signature of the supervisor** **Date and signature of the student**

1/1

Link to thesis concept form

https://www.meduniwien.ac.at/web/fileadmin/content/serviceeinrichtungen/studienabteilung/studium/PhD/PDF_2024/UN790_Concept_ThesisProject.pdf

- Funding approval documents must be attached to the form
- In case there is a junior and senior supervisor, only the junior supervisor's signature is required for this form

UN790 Application form for admission

https://www.meduniwien.ac.at/web/fileadmin/content/serviceeinrichtungen/studienabteilung/studium/PhD/FormulareOktober2019/UN790_Application_Admission.pdf

MEDICAL UNIVERSITY OF VIENNA

Study Department,
Währinger Straße 25a
1090 Wien

Application for admission to the Doctoral Programme of Applied Medical Science (UN790)
(The decision is communicated via official notification)

Personal data	
Registration number (if known) / Matr.-Nr.	Academic degree
Last name	First name
Date of birth (DD.MM.YYYY)	National insurance number (if known)
Citizenship	Sex ☐ male ☐ female
Address (+ postal code and city)	
Telephone number	@ mail

Thematic programmes

Please tick off one thematic program of your interest after consulting your thesis supervisor and the respective program coordinator:

- ☐ Clinical Endocrinology, Metabolism and Nutrition
- ☐ Biomedical Engineering
- ☐ Clinical Neurosciences (CLINS)
- ☐ POET - Programme for Organfailure, -replacement and Transplantation
- ☐ Clinical Experimental Oncology
- ☐ Preclinical and Clinical Research for Drug Development
- ☐ Regeneration of Bones and Joints
- ☐ Cardiovascular and Pulmonary Disease
- ☐ Mental Health and Behavioural Medicine
- ☐ Public Health

At this stage selection of a thematic programme is for statistic purpose only!
Definitive assignment to a thematic programme will take place after the approval of your thesis proposal by the direction of curriculum!

Data on completed studies

Austrian university

- ☐ Graduate of the diploma studies Medicine N202 / Dentistry N203 at an Austrian university
- ☐ Graduate of the doctoral studies of Medicine N201 / N200 at an Austrian university
- ☐ Graduate of a diploma studies in the following field of natural science at an Austrian university:

☐ Biology	☐ Zoology	☐ Physics
☐ Microbiology	☐ Pharmacy	☐ Psychology
☐ Molecularbiology	☐ Chemistry	☐ Genetics
☐ Humanbiology	☐ Sports Science	
☐ Others:		

Date of graduation (DD.MM.YYYY):

International University

Completed studies:

Name of university:

Date of graduation (DD.MM.YYYY):

I have seen the web site of the Doctoral Programme of Applied Medical Science N790 and know the rules and requirements. I am aware that the Doctoral Programme of Applied Medical Science N790 is a full-time equivalent with a minimum duration of three years.

Date (DD.MM.YYYY) Signature of applicant

(UN790) Admission period

Wintersemester 2025/26

07. Juli 2025 - 05. Sep. 2025	Allgemeine Zulassungsfrist
06. Sep. 2025 - 31. Okt. 2025	Ausnahmefrist (§ 61 Abs. 2 UG)

Sommersemester 2026

07. Jän. 2026 - 05. Feb. 2026	Allgemeine Zulassungsfrist
06. Feb. 2026 - 31. März 2026	Ausnahmefrist (§ 61 Abs. 2 UG)

Information for NON-EU candidates:

Applications can be made for admission to the "preliminary course":

- no later than 5 September for winter semesters
- no later than 5 February for summer semesters

PS Epidemiological Methods 2 - Syllabus

Pre-requisites: basic knowledge of regression models (e.g. MB2, PS Epidemiological Methods 1)

Please bring a **laptop** to class or get in touch if that is not possible for you

CLASS DATES	DESCRIPTION	SPEAKERS
October 20	Introduction to causal inference Preparation for future exercises - R installation - Introduction of data files - Refresher on linear, logistic and Cox regression models in R	Michael Kammer Susanne Strohmaier
October 27	Graphical models for causal inference - DAGs - Alternatives to DAGs Exercises on graphical models on paper, using daggity and R	Michael Kammer Susanne Strohmaier
November 10	Adjustment for confounding and corresponding estimands for point treatments Exercises on Weighting G-formula (by hand) G-formula tricks	Michael Kammer Susanne Strohmaier

PS Epidemiological Methods 2 - Syllabus

November 17	Challenges in time-to-event analysis Methods for complex data structures Exercises on adjusted survival curves, RMST, competing risk analysis	Michael Kammer Susanne Strohmaier
November 24	Mediation and effect modification Exercise on mediation and effect modification	Michael Kammer Susanne Strohmaier
December 1	Instrumental variables/Mendelian Randomisation	Rebecca Richmond