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| UMU_pos_20mm | UMEÅ UNIVERSITY Faculty of Medicine | APPLICATION FOR ADMISSION  to doctoral studies For a Degree of Doctor  Date |

**1) To be completed by the applicant -  
When you print the application, choose one-sided printing!**

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| To the head of the department |
| Department |

Personal information

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| --- | --- |
| Family name, given name, initials | Swedish social sec nr/date of birth |
| Female  Male | |

Higher education providing eligibility\* (general requirements)

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| Higher education | Year, month |
| University/college, country | |

\* The department is responsible for ensuring that the information given by the student in the application form is complete and that the entry requirements are fulfilled.

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| Affiliation with another university/college, Swedish or foreign | Country |

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| Current enrollment in Swedish doctoral school (”forskarskola”), name of school |

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| The application intends  Doctoral degree  Doctoral degree after Licentiate degree |

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| Medical science with an orientation towards…, please state subject area (”ämnesinriktning”): |

I hereby confirm that I have read the Faculty of Medicine’s handbook for doctoral studies

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| --- | --- |
| Date | Signature of applicant |
| Date | Signature of principal supervisor |

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| Name of student | Swedish social sec nr/date of birth |

**2) To be completed by the department**

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| In what way have the specific entry requirements been fulfilled? **To be completed by the examiner!** |

Specific entry requirements:  
In order to be admitted to doctoral studies, it is required that the applicant has:

1. necessary knowledge from higher education or corresponding education and/or special professional experience that is assessed in relation to the subject area
2. necessary language skills in English, concerning both oral and writing skills. Assessment of these skills are made *before admission* by having the intended doctoral student present his/her research plan in English for the department’s doctoral studies group.

**To be completed by the examiner/the doctoral studies group**

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| Passed an admission seminar (or equivalent) in English, date |

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| Date | Signature of examiner/doctoral studies group |

**To be completed by the head of the department**

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| I hereby confirm that the time and funding plan is guaranteed. |
| I hereby confirm that the doctoral position has been advertised according to the practice of the faculty.  If the position has not been advertised, please explain why: |
| Admission to doctoral studies in medical science in the field of (state subject area)  ………………………………………………………………………………… is recommended. |

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| Date | Signature of head of department |

**3) Decision**

**To be completed by the Director of Studies (at the faculty level)**

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| The applicant has been admitted to doctoral education (for a Degree of Doctor) in medical science in the field of  ………………………………………………………………………………………………..  ……………………………………………………………………………………………….. |

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| Date | Signature of Director of Studies (at the faculty level) |

**INDIVIDUAL STUDY AND FUNDING PLAN WITH FOLLOW-UP FOR   
DOCTORAL EDUCATION AT UMEÅ UNIVERSITY**

**Section A)**

**1) Doctoral Student**

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| --- | --- | --- |
| Family name | | Swedish social sec nr/date of birth |
| First name | | Female  Male |
| Home address | Postcode and city | Country |
| Work address | Postcode and city | Country |
| Home phone (incl. area code) | Work phone (incl. area code) | Mobile phone |
| E-mail address | | |
| Have read and understood rules and guidelines, incl the Faculty of Medicine’s handbook for doctoral studies  Yes  No | | |

**2) Department and Intended Degree**

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| Main department at which you will be registered as a doctoral student |

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| Other department(s) with which you are associated |

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| --- | --- |
| Specify association:  Main department  Other department(s) | 1 (   )%  2 (   )% 3 (   )% 4 (   )% |

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| Department(s) from which the thesis is to be issued |

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| --- |
| Type of doctorate  Medical Science  Dental Science  Science  Philosophy  Science in Business and Economics  Legal Science |

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| Undergraduate and master’s studies  State degree (or term at the medical/dental programme), university/college, faculty and year of degree |

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| Early admission  Only if the general requirements have not been fulfilled.  Decision re: early admission enclosed  Yes  No |

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| Are you/have you been admitted to doctoral education at another higher education institution?  Yes  No |
| If yes, specify institution and department, as well as year of admission.  Copy of admission notice, information regarding principal supervisor and individual study plan to be attached to application. |

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| Association (if any) with doctoral school, specify which |

**3) Supervision and Examination**

**Principal Supervisor**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | | | Academic title |
| Department/unit, address | | | Female  Male |
| Employment title and employer | | | Docent/Associate professor  Yes, year       No |
| Telephone (incl. area code) | | Mobile phone | |
| E-mail | | | |
| Has completed formal supervisor education  Yes, documentation attached  No | Have read and understood rules and guidelines  Yes  No | | |

**Assistant Supervisor**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | | | Academic title |
| Department/unit, address | | | Female  Male |
| Employment title and employer | | | Docent/Associate professor  Yes, year       No |
| Telephone (incl. area code) | | Mobile phone | |
| E-mail | | | |
| Has completed formal supervisor education  Yes, documentation attached  No | Have read and understood rules and guidelines  Yes  No | | |

**Assistant Supervisor**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | | | Academic title |
| Department/unit, address | | | Female  Male |
| Employment title and employer | | | Docent/Associate professor  Yes, year       No |
| Telephone (incl. area code) | | Mobile phone | |
| E-mail | | | |
| Has completed formal supervisor education  Yes, documentation attached  No | Have read and understood rules and guidelines  Yes  No | | |

If there are further assistant supervisors – please attach an appendix.

**Supervision (e.g. frequency and form)**

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**Examiner**

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| --- | --- | --- |
| Name | | Academic title |
| Department/unit, address | | Female  Male |
| Employment title and employer | | Docent/Associate professor  Yes, year       No |
| Telephone (incl. area code) | Mobile phone | |
| E-mail | | |

**Reference person (if the examiner is not a part of the reference group)**

|  |  |  |
| --- | --- | --- |
| Name | | Academic title |
| Department/unit, address | | Female  Male |
| Employment title and employer | | Docent/Associate professor  Yes, year       No |
| Telephone (incl. area code) | Mobile phone | |
| E-mail | | |

If not all supervisors are involved in the reference group – please attach an appendix stating the members of the reference group.

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| Planned date for 50% seminar (“mittseminarium”) and for thesis defence, state year and term |

**4) Ethical Authorisation**

Ethical guidelines must be followed during all stages of the education

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| Mark the alternative that is appropriate for the doctoral project   The project will involve laboratory animal research  The project will involve clinical human research |  |

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| Ethical vetting to be completed  Ethical vetting completed and verdict of Regional Ethics Vetting Board attached  Ethical vetting not required (explain why) |

**5)** **Source for scientific knowledge (textbooks and journals)**

The source for scientific knowledge should include literature within the subject area so that the doctoral student gains in-depth subject knowledge as well as breadth of knowledge. It can include 3-5 standard works as well as specialist literature within the subject area for the thesis. Examples of international scientific journals or other literature that the doctoral student should be responsible for should as far as possible be specified. The source for scientific knowledge can be designed as a “reading list”, the content of which the student shall be able to account for.

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**6) Possibility for national/international exchange (will be followed up at the 50% seminar)**

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**7) Planned doctoral studies to fulfill compulsory credits**

Doctoral students at the Faculty of Medicine shall achieve a knowledge target corresponding to a total of 30 ECTS for doctoral degrees. The compulsory block consists of courses and modules that are part of the faculty-wide doctoral education programme, 25 ECTS, and a presentation at the national/international conference. For doctoral students who have been admitted before 2022-12-31 and who have completed the course "Basic research methodology for doctors in the north, 30 ECTS, R&D16" VT21-VT22, this course replaces the faculty-wide doctoral education programme in the compulsory block.

**Compulsory individual courses may include**:

- courses in experimental animal studies, GCP course, statistics, or qualitative method depending on the doctoral student's individual thesis project.

**Optional individual points may include:**

--other subject-specific courses

- active participation in department seminars and journal clubs, which in total can yield a maximum of 3.5 ECTS

- participation in national/international conferences with their own presentation gives 1.5 ECTS per conference

- research stay with research group at another university gives 1.5 ECTS per week, max 6.5 ECTS in total

- participation in higher education pedagogy courses gives 1.5 ECTS per week, max 6 ECTS in total.

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| **Compulsory block**  Medical faculty research program  Presentation at a national/international conference\*  **Mandatory individual courses**  National course in laboratory animal science   (compulsory if animals are involved in any stage)   Good Clinical Practice (GCP), 4.5 ECTS  (compulsory for doctoral students doing clinical human research)   Course in statistics at the research level   (compulsory if statistics is part of the individual thesis project)  Course in qualitative method  (compulsory if qualitative analysis is part of the individual thesis project)  **Elective individual courses**  Basic Research Methodology for Doctoral Students in Clinical Research,  15 ECTS (from HT22)  Journal club\*  Seminar series\*  Research visit/extended pre-doc\*   University level pedagogy course\*  Other doctoral courses, specify below. Attach an appendix if needed.  (Maximum 7.5 ECTS may be credited from courses at lower levels) | Specify ECTS  25 1,5 |
|
|  |  |
|  | **Planned ECTS total**  (minimum 30 ECTS) |

\* Specify in the research plan

**8) Research Plan for Work on Thesis**

Give the project’s title, background, targets, methods and preliminary results, if any. Describe, if possible, the project’s importance for people’s health. A one page abstract is to be written on this form (this page) and the   
research plan attached, minimum 2 pages, max. 10 pages.

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**9) Time and Funding Plan**

Doctoral studies at Umeå University can be conducted either full time or part time in conjunction with other activities. In total a doctorate consists of 240 higher education credits, i.e. four years of full time study. The individual study plan also contains a time and funding plan. Account for how the education is to be financed and how the planned qualification is to be attained below.

Account for activity in percent, what the doctoral student is to do and how the research plan is to be enacted in terms of time. Also state what kind of position the student will have, for example doctoral studentship (“doktorandtjänst”). Specify when the 50% seminar and thesis defence are planned, basic provision plus parallel activity (if not in full time doctoral education).

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| **Year 1** |

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| **Year 2** |

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| **Year 3** |

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| **Year 4** |

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| **Year 5** |

**10) Appendices**

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| Doctoral student’s CV\*  Attested general entry requirements (international qualifications/documents to be translated into English or Swedish)\*  Swedish) | |
| Research plan\* | Matrix for goal achievement\* |
| Copies of existing ethical authorisation\*\* | Other appendix (if any): |
| Attested supervisor education\*\*  Reference group\*\* | Other appendix (if any): |

\* Compulsory  
\*\* If applicable  
**Please note that the individual learning outcomes must be written in the Matrix for goal   
achievement!**  
For students with international exams, the intended supervisor at the relevant department is to make an individual competence assessment. The Swedish Council for Higher Education can help with assessment of international degrees ([www.uhr.se](http://www.uhr.se)). The assessment is to be approved by the head of department. Documentation confirming approved assessment, as well as attested copies of qualifications, is to be attached.

**11) Signatures**

This individual study plan is hereby approved in its entirety. The study plan is considered realistic and by signing with my own hand I hereby confirm that there are no reservations regarding the fulfilment of the study plan as specified.

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| Signature (Doctoral Student) | Date | Clarification of signature |

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| Signature (Principal Supervisor) | Date | Clarification of signature |

|  |  |  |
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| Signature (Assistant Supervisor) | Date | Clarification of signature |

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| --- | --- | --- |
| Signature (Assistant Supervisor) | Date | Clarification of signature |

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| --- | --- | --- |
| Signature (Assistant Supervisor) | Date | Clarification of signature |

|  |  |  |
| --- | --- | --- |
| Signature (Examiner) | Date | Clarification of signature |

|  |  |  |
| --- | --- | --- |
| Signature (Reference person)  (if not the Examiner) | Date | Clarification of signature |

|  |  |  |
| --- | --- | --- |
| Signature (Head of Department) | Date | Clarification of signature |

|  |  |  |
| --- | --- | --- |
| Signature (Clinical Manager/Manager)\* | Date | Clarification of signature |

\* when doctoral studies are pursued within a position with an employer other than Umeå University

**National learning outcomes  
  
Degree of Doctor**

***Knowledge and understanding***  
*For the Degree of Doctor the third-cycle student shall:  
- demonstrate broad knowledge and systematic understanding of the research field as well as   
advanced and up-to-date specialised knowledge in a limited area of this field, and  
- demonstrate familiarity with the research methodology in general and the methods of the specific field of research in particular.*

***Competence and skills***

*For the Degree of Doctor the third-cycle student shall:*

*- demonstrate the capacity for scholarly analysis and synthesis as well to review and assess new and complex phenomena, issues and situations autonomously and critically*

*- demonstrate the ability to identify and formulate issues with scholarly precision critically, autonomously and creatively, and to plan and use appropriate methods to undertake research and other qualified tasks within predetermined time frames and to review and evaluate such work*

*- demonstrate through a dissertation the ability to make a significant contribution to the formation of knowledge through his or her own research  
- demonstrate the ability in both national and international contexts to present and discuss research and research findings authoritatively in speech and writing and in dialogue with the academic community and society in general*

*- demonstrate the ability to identify the need for further knowledge and*

*- demonstrate the capacity to contribute to social development and support the learning of others both through research and education and in some other qualified professional capacity.*

***Judgement and approach***

*For the Degree of Doctor the third-cycle student shall:*

*- demonstrate intellectual autonomy and disciplinary rectitude as well as the ability to make assessments of research ethics, and*

*- demonstrate specialised insight into the possibilities and limitations of research, its role in society and the responsibility of the individual for how it is used.*