

UNIVERSITY OF VAASA
FACULTY OF PHILOSOPHY / ADMINISTRATIVE
SCIENCES

**STUDY GUIDE FOR THE DOCTORAL
STUDENTS OF ADMINISTRATIVE
SCIENCES**

Spring semester 2010 and academic year 2010–11

I Licentiate and Doctorate Degrees

The aim of postgraduate education is that the student becomes well-versed in his/her own field of research and its social significance and gains knowledge and skills needed to apply scientific research methods independently and critically and to produce new scientific knowledge within his/her field of research. The student becomes conversant with the development, basic problems and research methods of his/her own field of research; and gains such knowledge of the general theory of science and of other disciplines relating to his/her own field of research as enables him/her to follow developments in them. (Government Decree on University Degrees 794/2004, Section 21)

Licentiate and Doctor of Administrative Sciences degrees can be completed at the Faculty of Philosophy in the following fields: Regional Studies, Public Management, Public Law, and Social and Health Management.

The doctorate degree consists of doctoral thesis and scientific doctoral studies. The academic doctoral studies (60 ECTS) consist of studies in the scientific theories and methodology, as well as studies in the own field of research. Licentiate degree may be completed before the doctorate degree. The licentiate degree consists of licentiate thesis and academic doctoral studies.

Eligibility for Licentiate and Doctoral Studies and Admission Criteria

Eligible for studies leading to an academic postgraduate degree shall be a person who has completed an applicable higher university degree; an applicable higher polytechnic degree; or an applicable education completed abroad which in the awarding country gives eligibility for corresponding higher education. The university may require a student admitted to study for an academic postgraduate degree complete the necessary supplementary studies in order to acquire the knowledge and skills needed for the studies. (Universities Act 558/2009, Section 37)

Admission Criteria

Applicants may be accepted as doctoral students if they have completed a higher university degree or a degree on an equivalent level and advanced level studies or studies equivalent to advanced level studies in the major subject of the doctorate degree. The professor of the major subject is responsible for making a decision as regards the compensation or acceptance of advanced level studies in the subject with other studies.

The following is also expected of the applicants: The completed advanced level studies in the major subject or in a similar study module must be awarded at least the grade 'good'; applicants should submit a feasible research plan and a preliminary study plan; and the Master's thesis must be awarded at least the grade 'cum laude approbatur'.

Study right for a licentiate or doctorate degree may be granted also to a field different from the major subject of the Master's degree. If the applicant has not previously

completed advanced level studies in the major subject of the licentiate or doctorate degree, s/he shall complete supplementary studies in a way determined by the professor responsible for the doctoral studies in the major subject. The supplementary studies shall be completed in the beginning of the doctoral studies.

If the applicant has completed the previous degree outside Finland, the degree should be completed at a university level institution and be equivalent to a Master of Administrative Sciences degree. Applicants are expected to prove their readiness for research work with major subject studies which are comparable and on the same level as the Finnish Master's degree studies. The previous degree should include a thesis / diploma work similar to the Finnish Master's thesis, and the thesis / diploma work must be awarded at least the grade 'good'. The research area in the applicant's thesis / diploma work should be related to the major subject of the doctoral studies. The applicant is also expected to meet the scientific requirements which are necessary in the major subject of licentiate or doctoral studies. In addition, the applicant must have adequate language skills for the doctoral studies.

In the selection process of doctoral students, emphasis is put in the motives of the applicants and their potential for completing the doctoral studies and the doctoral theses. In addition, the suitability of the students' research theme to the research context of the relevant study subject is evaluated to ensure that, if accepted, the students receive competent instructions for completing the doctoral theses and will integrate well into to the scientific community.

The applicants are required to commit themselves to completing the doctoral studies. They are also expected to have completed the previous studies with good grades. The research plan should be of a high quality. The research topic should be innovative and it should be related to the areas of expertise of the relevant study subject. The submitted study plan should also be feasible. In addition, the applicants are required to have adequate language skills to complete the doctoral studies.

The number of doctoral students may be limited on the basis of limited resources available for the guidance and instruction of the studies. In other words, the relevant study subject may not have the required expertise needed to supervise the doctoral thesis in the particular field or the resources of the relevant study subject prevent the study subject to acquire the necessary expertise needed to supervise the doctoral thesis.

Research plan and study plan for doctoral studies

The research plan should prove that the applicant is sufficiently familiar with the research area and the research in it. The length of the research plan is at least 10 pages. The research plan should contain at least the following elements:

- introduction justifying the selected topic and the objective,
- research frame describing the preliminary research questions, methods, and material,
- description of the frame work and source material of the research,
- preliminary description of the methods used in the analysis,
- timetable for the research and

- plan for proceeding in the research work and financing the studies and research.

The study plan of doctoral studies consists of a description of the contents and preliminary timetable for completing the doctoral studies. The plan can be updated and specified during the studies with the supervisor. The plan is submitted to the Dean for approval before the evaluation of the licentiate of doctoral thesis.

Applying for the Study Right

The doctoral candidate should contact a professor of the major subject *already before* submitting an application for doctoral studies to discuss and agree, for example, about the research topic and preparation of the research plan.

To be enclosed in the application:

- Certificates of educational background
- Detailed information on the course content of the master's degree and explanation of the grading scale
- Photocopy of passport's information page
- Proof of language proficiency
- 2 Letters of Recommendation from professors of the applicant's home university
- A Curriculum Vitae. Please use the Europass CV form
- Study plan of doctoral studies
- A preliminary research plan according to the book "Writing the Doctoral Dissertation. A Systematic Approach." Davis & Parker. Barron's Educational Series Inc. New York 1997 (12-15 pages)
- A plan of financing the doctoral studies at the University of Vaasa

Language proficiency is to be verified by one of the documents listed below:

- Official TOEFL -test with minimum score of 550 in paper-based test (equivalent of 213 in computer-based test and 79 in TOEFL iBT), an official IELTS test with minimum score of 6.0 (each section minimum 5.5) or an official National Certificate of Language Proficiency (arranged by Finnish National Board of Education) with an average language skill level 5 or 6 in the English language. Please note that photocopies or scores more than two years old cannot be accepted in case of TOEFL or IELTS test!
- Master's Degree completed in English. If the language of instruction (English) is not clearly stated in the degree certificate, it is to be verified by a certificate signed by a university official (photocopies or ambiguous documents are not accepted)
- Studies in the English language as one of the main subjects at university level. To be verified by a photocopy of the degree certificate and transcript of university records.
- Minimum of one semester of university-level studies in an English speaking country (Australia, Canada, Ireland, New Zealand, United Kingdom, USA). Language of instruction is to be verified by a photocopy of the transcript of

records or an original certificate signed by an official of the respective English-speaking university.

- Elementary and secondary education completed in English. In case of countries where English is not the main language of education, certificate of the language of instruction is required (confirmation signed by a governmental official or representative of appropriate school; contact information must always be included).

Note also that **photocopies are accepted only in case of degree certificates and transcripts of records**. Originals of these two certificates are to be presented upon registration at the University of Vaasa. Inability to show these documents will automatically lead to disqualification of admission.

Application Period

There are no fixed application periods for doctoral students. Application form for doctoral students is available at Application Forms. Please send the application to: University of Vaasa, International Office, P.O. Box 700 (Wolffintie 34), FIN-65101 Vaasa, Finland.

More information about the contents of doctoral studies is given by the professors of the major subjects. For contact information of the professors, please visit www.uwasa.fi/hallintotieteet/english/studies/.

In general matters related to the application process and the doctoral studies, please contact the Coordinator of International Education, Sami Ilomäki (+358 6 324 8618, sami.ilomaki@uwasa.fi)

Granting of the Study Right and Registration

The professor of the relevant major subject is asked to give a statement about the application. In the same process, the study subject considers the resources available for supervising the doctoral thesis. If the professor of the relevant major subject recommends that the applicant is accepted as a doctoral student, he or she appoints a supervisor for the studies and doctoral thesis. If necessary, a second supervisor may also be appointed for the applicant. The statement shall also specify the required supplementary studies needed to gain the adequate skills and readiness for doctoral studies in case the applicant does not meet some of the admission criteria. The explanation of supplementary studies shall be included in the study plan for doctoral studies.

The Dean makes a decision about the study right on the basis of the statement by the study subject. The study right shall begin in the beginning of the following month of the acceptance.

The applicants are informed personally about the result of the application for admission to doctoral studies. Also the unsuccessful applicants are informed about the result and the reasons for rejection. An applicant dissatisfied with the result may apply in writing to the Dean for rectification within 14 days of the day when the admission results were released.

Registration

A registration form is sent to the accepted doctoral students. The form shall be used to register as a student of the university. Students are responsible for registering as attending or non-attending each academic year. Only the students who have registered as attending may attend lectures and other teaching and complete studies at the university. When the research is submitted for evaluation and during the whole evaluation process, the student must be registered as attending. If a student fails to register as attending or non-attending, he or she is removed from the student register.

Guidance for Doctoral Studies

A supervisor is always appointed to students completing an academic doctoral degree. The supervisor/supervisors are appointed when the student is admitted to the studies. The supervisor is expected, for example, to guide the student in preparing and updating the study plan for doctoral studies; and give guidance related to planning and completing the research work. The supervisor should assist and support the student in his or her applications for research financing. The supervisor should also read through the research texts produced by the student and give comments, as well as encourage the student to take own initiative and work independently. The supervisor should help the student to connect with other researchers of the field in Finland and abroad, and encourage the student to take part also in international conferences and possibly to work for a certain period of time abroad.

The doctoral students shall commit themselves to completing the studies. They shall report the progress in studies to their supervisor regularly, submit research texts to the supervisor, and keep the supervisor informed of the plans for financing the research. The doctoral student shall take part in seminars, meetings of researchers and conferences, and also try to conduct the research abroad. He or she shall take responsibility for the research work and studies actively and try to follow the agreed timetable without endangering the quality of the work.

The student and the supervising professor specify the contents and ways of completing the doctoral studies after the student has been accepted as a doctoral student to the faculty. The Dean, based on a statement by the supervisor, confirms that the study plan has been followed. The study plan shall be presented to the faculty when submitting an application for degree certificate.

Good Scientific Practice and Research Ethics

The agreed scientific principles and values shall be followed when conducting the research. The University of Vaasa has accepted the guidelines for good scientific practice and procedures for handling misconduct and fraud in science made by the National Advisory Board on Research Ethics to support the work of the researchers (<http://www.tenk.fi/ENG/HTK/index.htm>). The matters related to research ethics are more thoroughly covered at the website of the National Advisory Board on Research Ethics (<http://www.tenk.fi/ENG/function.htm>).

Doctoral Forum

Doctoral Forum offers general scientific training for all doctoral students enrolled at the University of Vaasa. Doctoral Forum supplements the training courses offered by the university's faculties, departments and national graduate schools. Special focus of Doctoral Forum training courses is on philosophy of science and methodology. Research and Innovation Services informs doctoral students of the training courses organised in the framework of Doctoral Forum as well as on other issues related to doctoral studies and research. If you would like to receive news and updates on Doctoral Forum training courses directly per e-mail, please contact Secretary of Research and Innovation Services Anne Vankka (anne.vankka@uwasa.fi).

Tritonia Academic Library

The library organises courses of information search and library services during the academic year. Information about the opening hours, borrowing, interlibrary loans and universal borrowing, info services, databases and collections, user education etc. is available at the library's website at <http://www.tritonia.fi>.

II Licentiate Degree

The following components are required for a Licentiate of Administrative Sciences degree:

1. Doctoral studies of 60 ECTS supporting the research work. The studies consist of studies in the theory of science, methodology, and the own field of research.
2. Licentiate thesis (90 ECTS).

The licentiate thesis should show that the student is conversant with the theories in the relevant field of research and is able to apply the scientific methods to the work independently and critically. A licentiate thesis may be either a one single research (monograph) or several scientific publications or manuscripts accepted for publication with a relevant subject matter and a summary of the publications (article-based licentiate thesis). At least three separate articles or other scientific publications must be submitted in case of the latter option. The summary must present the objective, methods, and results of the research. The publications may also include joint publications if the contribution of the doctoral candidate to the work can be clearly indicated.

Three complete copies, including an abstract, of the work that is intended to be a licentiate thesis must be submitted to the Faculty for examination. Before submitting the work, the student should check from the supervisor that the research is ready to be examined.

Based on the statement of the relevant major subject, the Dean appoints at least two examiners for the research of whom at least one must come from outside the Faculty. The examiners shall have a doctorate degree or other similar academic qualification. Provisions on disqualification applied also to the examiners are enacted in Administrative Procedure Act (434/2003, Sections 27–30). After the examiners have been appointed, the supervisor of the licentiate thesis agrees with the student and the examiners on the timing of the examination event and other practical matters related to the examination.

The licentiate thesis is examined in public in the seminar of the study subject. The candidate must submit 20 copies of the thesis to the faculty for distribution before the examination. The licentiate thesis shall be available in public at least 10 days before the examination event.

The examiners shall give a justified written statement about the licentiate thesis within four weeks of the public examination. The statement shall contain a suggestion for the grade of the licentiate thesis. The following grading scale is used in the assessment of the thesis: *laudatur* (the highest possible grade), *eximia cum laude approbatur*, *magna cum laude approbatur*, *cum laude approbatur*, *non sine laude approbatur*, *lubenter approbatur*, *approbatur* (the lowest possible grade). The licentiate candidate is reserved the right to submit a plea to the statement made by the examiners.

The decision about the approval and grading of the licentiate thesis is made by the Dean on the basis of the examiners' written statement. The researcher may apply to the Degree Committee of the University of Vaasa for rectification of the assessment within 14 days of the day when the grade was released.

For further information about the examination of licentiate thesis, please contact Amanuensis Ulla Laakkonen, contact information: +358 6 324 8903, ulla.laakkonen@uwasa.fi.

Degree Certificate

When the student has completed all the required studies of the licentiate degree, he or she must apply for a degree certificate to the faculty. The faculty awards degree certificates once a month, excluding July. The application for degree certificate must be submitted to the faculty at least 4 weeks before the intended graduation day.

An academic title in English shall be awarded for a degree completed in some other language than Finnish or Swedish in accordance with the appendix of the Decree 794/2004.

The degree certificate specifies the major subject and possible minor subject of the degree and their grades, the topic of the licentiate thesis, and the grade awarded to the licentiate thesis. The studies in the major subject and the possible minor subjects are marked according to the five-grade scale (excellent, very good, good, satisfactory, sufficient).

For further information about graduation, please contact the Head of Study Affairs Marja Vettenranta, contact information: +358 6 324 8404, marja.vettenranta@uwasa.fi.

III Doctorate Degree

For a doctorate degree, the candidate shall complete a licentiate degree or other academic doctoral studies (60 ECTS) required for a licentiate degree, excluding the licentiate thesis, as well as prepare a doctoral dissertation (180 ECTS) which is approved by the Dean after the public defence of doctoral dissertation.

Doctoral Dissertation; Monograph or Article-Based Doctoral Dissertation

The doctoral dissertation shall be a research based on independent scientific research work. The doctoral dissertation is examined in the public defence of doctoral dissertation. The dissertation may be a monograph or a so-called article-based doctoral dissertation.

An article-based doctoral dissertation consists of at least three scientific publications or manuscripts accepted for publication with a relevant subject matter, and of their summary.

- The articles and summary shall form such an entity that can be defended in public as a doctoral dissertation.
- The summary shall present the objectives, methods and results of the research. The summary may also contain new results and discussion not included in the original articles. The articles constitute the material for the summary, and the material shall be commented, supplemented, and evaluated from the point of view set by the time when the summary is written.
- In the conclusions, a more thorough analysis of the topic may be given through the results of the articles.
- It is recommended that the theoretical and empirical contents and results of the articles are deepened in the summary instead of merely summarising the contents of the articles. The aim is to create a summary section which is more than merely a repetition of the included articles.
- The publications may include joint publications if the independent contribution of the doctoral candidate can be clearly indicated in them. The doctoral candidate must give a written explanation of his/her contribution to the joint publications when the research is submitted for pre-examination.

If the doctoral dissertation is written in some other language than the candidate's mother tongue, it is good to have the language checked by a language consultant before submitting the work for examination. The language check must be agreed with the supervisor well beforehand. The supervisor will give more instructions about how to conduct the language check and how to cover the related costs.

For further information about the examination of doctoral dissertation, please contact Amanuensis Ulla Laakkonen, contact information: +358 6 324 8903, ulla.laakkonen@uwasa.fi.

Pre-examination of Doctoral Thesis

The doctoral thesis may be submitted for official pre-examination when the instructor/instructors of the thesis give permission to start the pre-examination process. Permission for the public defence of doctoral dissertation is granted on the basis of the statements by pre-examiners, and the research cannot be taken to the public defence unless the permission has been granted.

Three copies of the work that is intended to be a doctoral dissertation must be submitted to the Faculty for pre-examination. The layout of the submitted work must be carefully checked and the language fluent and without mistakes when submitted to the faculty for pre-examination.

The Faculty Board appoints at least two pre-examiners for the work intended to be a doctoral dissertation based on the statement by the representatives of the major subject. The pre-examiners shall not be members of the Faculty and at least one of the pre-examiners shall come from outside the university. The pre-examiners shall have the qualifications of a professor or docent, or have a doctorate degree and expertise in the field of the dissertation. The main instructor of the dissertation may not act as a pre-examiner. Provisions on disqualification are enacted in Administrative Procedure Act (434/2003, Sections 27–28). Doctoral candidate is reserved the right to give a statement about the possible disqualification of pre-examiner before the decision is made by the Faculty Board. The Faculty Board decides on the permission for the public defence of doctoral dissertation on the basis of the statements submitted by the pre-examiners.

Publishing the Doctoral Dissertation

Before the public examination of the dissertation, the doctoral candidate must hand in 75 copies of the doctoral dissertation to the Faculty. The doctoral dissertation shall be put in public display at least 10 days before the public defence of the doctoral dissertation. The doctoral dissertation is displayed in public for the period of at least 10 days before the public defence.

If the doctoral candidate would like to publish the research in the scientific publication series of the University of Vaasa, the candidate shall request in writing to the Publication Committee for permission to publish the research in the Acta Wasaensia series. The request may be submitted to the committee after permission for the public defence of doctoral dissertation has been granted. Publication Secretary Tarja Salo (+358 6 3248 217) gives further information about publishing the doctoral dissertation in the series. Publication guidelines are available at <http://www.uwasa.fi/english/research/publications/brief/>. The publication process is faster if the research is made according to the university guidelines from the very beginning. It should be noted that at least *six weeks* must be reserved for the printing process and public display of the print-ready manuscript.

The doctoral candidate shall submit copies of his or her doctoral dissertation, for example, to the Rector of the university and the Dean at least 10 days before the public defence of the doctoral dissertation. The copies required by the faculty do not include the copies submitted to relatives or friends or the so-called personal copies of the doc-

toral candidate. The candidate may print additional copies of the dissertation at his or her own cost.

The doctoral candidate shall submit a dissertation announcement to the university's communications unit (viestinta@uwasa.fi) at least two weeks before the public defence of doctoral dissertation. The dissertation announcement is published in the newspapers, university website, and in the university journal Vaasan yliopistolehti. Instructions for writing the dissertation announcement are available at the webpage of the Doctoral Forum at <http://www.uwasa.fi/tutkimuspalvelut/tohtorifoorumi/prosessi/tiedotus/announcement.html>.

Examination of the Dissertation; Opponent(s), Custos, and Grading Committee

The Faculty Board appoints one or two opponents to examine the doctoral dissertation and a professor of the university to be the Custos in the dissertation proceedings. As regards disqualification of the opponent, the regulations of Sections 27–28 in the Administrative Procedure Act (434/2003) are applied. The opponent shall have the qualification of a Docent or other similar academic qualification. The pre-examiner coming from outside the candidate's own faculty may also act as an opponent. The doctoral candidate is reserved the right to give a statement about the possible disqualification of the opponent before the decision is made by the Faculty Board.

The Faculty Board appoints a Grading Committee to approve the doctoral dissertation and to suggest a grade for it. The Grading Committee makes a suggestion about the approval and grading of the dissertation. The Grading Committee consists of the opponent/opponents, Custos, and a representative of the faculty. The supervisor of the doctoral dissertation only has a right to speak in the committee and cannot take part in the other activities of the committee. The doctoral candidate is reserved the right to make a statement about the composition of the Grading Committee.

The chair of the Grading Committee prepares a record which contains the suggested grade and short comments about the dissertation proceedings. The statement of the Grading Committee shall be submitted within four weeks of the dissertation proceedings.

The opponent appointed by the Faculty Board shall submit a written statement about the doctoral dissertation within four weeks of the public defence of the doctoral dissertation. The statement shall contain a justified evaluation of the scientific value of the dissertation and also an evaluation of the work as regards it fulfilling its purpose as a research. The statement shall also include justified evaluation of the public defence of the dissertation. The opponent shall suggest a grade to the dissertation. The doctoral candidate is reserved the right to make a plea to the opponent's statement.

The Dean makes the final decision about the approval or failing of the doctoral thesis and the grade of the approved doctoral thesis. The following grading scale is applied to the assessment of doctoral theses: approbatur, lubenter approbatur, non sine laude approbatur, cum laude approbatur, magna cum laude approbatur, eximia cum laude approbatur, laudatur. A student dissatisfied with the assessment of the doctoral thesis may apply to the Degree Committee of the University in writing for rectification of

the assessment of the doctoral thesis within 14 days of the day when the decision was served.

Dissertation Process

See more information about the dissertation process from the Doctoral Forum site: <http://www.uwasa.fi/tutkimuspalvelut/tohtorifoorumi/prosessi/dissertation.html>.

Degree Certificate

When the student has completed all the required studies of the doctorate degree, he or she must apply for a degree certificate to the faculty. The faculty awards degree certificates once a month, excluding July. The application for degree certificate must be submitted to the faculty at least 4 weeks before the intended graduation day.

An academic title in English shall be awarded for a degree completed in some other language than Finnish or Swedish in accordance with the appendix of the Decree 794/2004.

The doctoral degree certificate specifies the previous university degree of the student, the title of the doctoral dissertation and the grade awarded to the work, as well as the field of study in the dissertation. If the Doctor of Administrative Sciences degree is completed without the licentiate degree, the degree certificate states also the grade of the major subject studies (excellent, very good, good, satisfactory, sufficient).

For further information about graduation, please contact the Head of Study Affairs Marja Vettenranta, contact information: +358 6 324 8404, marja.vettenranta@uwasa.fi.

IV Curricula of the Licentiate and Doctorate Degrees

REGIONAL STUDIES

Licentiate Degree

1. Doctoral studies (60 ECTS)

a) Philosophy of science and methodology (10 ECTS)

The purpose of the studies is to familiarise the student with the basics of the philosophy of science and the theoretical and methodological basis of academic research, and to deepen the student's skills in scientific writing with the theme "project management approach to doctoral dissertation".

b) Understanding of the main ideas of regional studies and the recent developments in the field (10 ECTS)

The aim of the studies is that the student is conversant with the developments of regional studies. The student is familiar with the main theoretical trends and methodological basis of geography, which the regional studies are based on. The student is also familiar with the main theoretical trends and methodological basis of the geography's different fields, especially with cultural geography. Completion: Written work or examination.

c) Understanding of the own theme for research (20 ECTS)

The aim of the studies is to deepen the student's knowledge of the field of the research. Completion: Written work based on literature and current articles in the field of the research.

d) Participation in the scientific training of doctoral students (20 ECTS)

2. Licentiate thesis (90 ECTS)

The licentiate thesis shall demonstrate a theoretical understanding of regional studies and the ability to apply scientific methods independently to the research.

Doctorate Degree

For a doctorate degree, a student shall:

1. Complete a licentiate degree or the studies required for a licentiate degree excluding the licentiate thesis,
2. Prepare and publish a doctoral dissertation which is approved by the Dean after public defence.

PUBLIC MANAGEMENT

Licentiate Degree

1. Doctoral studies (60 ECTS)

a) Understanding of the theory of science and the field of research (25 ECTS)

The aim of the studies is that the student is familiar with the own field of research and the current discussion in the field of public administration. The student also understands the methodological, theoretical, and philosophical bases of academic research.

b) Researcher training (20 ECTS)

c) Licentiate seminars of the study subject and scheduled meetings (15 ECTS)

2. Licentiate thesis (90 ECTS)

The licentiate thesis shall demonstrate theoretical understanding of the field of research in the licentiate degree and ability to apply scientific methods to the research work.

Doctorate Degree

For a doctorate degree, a student shall:

1. Complete a licentiate degree or the studies required for a licentiate degree excluding the licentiate thesis,
2. Prepare and publish a doctoral dissertation which is approved by the Dean after public defence.

PUBLIC LAW

Licentiate Degree

1. Understanding of the field of research, theory of science, and methodology (45 ECTS)

The aim of the studies is that the student is conversant with the general theories of science, the theories of science in the field of law, and the theoretical traditions of public law. The student is also familiar with the international or comparative discussion related to his/her own research area.

The studies based on literature are completed either by attending an examination or preparing essays on the basis of the set literature, unless otherwise informed.

a) General theories of science and theories of science in the relevant branch of law (7 ECTS)

The student selects 4–5 literary works for the module (approximately 1200 pages). The choice of literature shall be discussed with the professor of the study subject beforehand.

b) Advanced legal theory (7 ECTS)

The student selects 4–5 literary works for the module (approximately 1200 pages). The choice of literature shall be discussed with the professor of the study subject beforehand.

c) Historical forces in the relevant branch of law (5 ECTS)

The student selects 3–4 literary works from the branch of law relevant to the own research area (approximately 1000 pages). The choice of literature shall be dis-

cussed with the professor of the study subject beforehand. Examination based on literature.

d) Current research literature relevant to the student's research area (8 ECTS)

The student selects 4–5 literary works (approximately 1500 pages). The choice of literature shall be discussed with the professor of the study subject beforehand. The student's research interests determine the themes of the books. It is possible for the student to present a summary of the selected literature in the seminar meetings of public law.

e) Researcher training (18 ECTS)

2. *Licentiate seminar (15 ECTS)*

3. *Licentiate thesis (90 ECTS)*

The licentiate thesis shall demonstrate a deep understanding of the research area and the methodology of law. In juridically oriented works, special attention is paid to the use and command of the sources of law, and juridical argumentation. In the empirically oriented works, special attention is paid to the collection and command of material, and the ability to answer the set research questions.

Doctorate Degree

For a doctorate degree, a student shall:

1. Complete a licentiate degree or the studies required for a licentiate degree excluding the licentiate thesis,
2. Prepare and publish a doctoral dissertation which is approved by the Dean after public defence.

SOCIAL AND HEALTH MANAGEMENT

Licentiate Degree

1. *Doctoral studies (60 ECTS)*

The aim of the studies is that the student is conversant with the own research area and understands its significance. The student is familiar with the recent developments, research problems, and research methods of the disciplines relevant to his/her research.

a) Understanding of the theory of science and the field of research (25 ECTS)

Philosophy of science and methodology

Welfare, management, and leadership

Special topics in social and health management

b) Researcher training (20 ECTS)

c) Licentiate seminars of the study subject and agreed meetings (15 ECTS)

2. *Licentiate thesis (90 ECTS)*

The licentiate thesis shall demonstrate theoretical understanding of the field of research in the licentiate thesis and ability to apply scientific methods to the problem solving process.

Doctorate Degree

For a doctorate degree, a student shall:

1. Complete a licentiate degree or the studies required for a licentiate degree excluding the licentiate thesis,
2. Prepare and publish a doctoral dissertation which is approved by the Dean after public defence.