

Department of Business Administration

## **General Syllabus for Third-Cycle Studies in Research Policy for the Degree of Doctor at Lund University School of Economics and Management**

This syllabus was adopted by the Board of the School of Economics and Management on 19 October 2018. Replaces earlier syllabus with reg. no U 2016/319. See also *Regulations for Third-Cycle Studies at the School of Economics and Management*, reg. no STYR 2018/1589.

Third-cycle studies in Research Policy are conducted at the Department of Business Administration, Lund University School of Economics and Management. Third-cycle studies are offered to the extent that available resources allow.

### **1. Description of third-cycle subject area**

The subject of Research Policy focuses on the prerequisites for, and the effects of, research and development (R&D) in society. This includes empirical and theoretical studies of the relationship between politics, administration, and public and private R&D. Problem areas include research policy instruments, organization of research, social and economic effects of R&D, as well as science's broader role in society, such as through the provision of knowledge in education and management (expertise). Research policy research thus rests on a variety of support disciplines, such as sociology, political science, history, philosophy/science theory, and economics.

### **2. Aim of the programme and learning outcomes**

The third-cycle programme in research policy aims to provide students with specialised knowledge of the subject of research policy and the partly overlapping subject of innovation studies, which deal with

- A. the impact of higher education on economic development,
- B. the relationship between policy regulations and knowledge development within the higher education sector and industry.

#### *Knowledge and understanding*

For the Degree of Doctor the doctoral 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 research methodology in general and the methods of the specific field of research in particular.

*Competence and skills*

For the Degree of Doctor the doctoral student shall

- demonstrate the capacity for scholarly analysis and synthesis as well as 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 doctoral 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.

Third-cycle studies in research policy will result in the degree of Doctor of Philosophy in Research Policy.

The degree programme aims for high quality through maintaining strong connections:

- to cutting-edge research fields through the use of a critical approach,
- between the specific dissertation subject and its more general scholarly context,
- between different scholarly disciplines relevant to the subject areas,
- to the international context, as regards the choice of perspectives, theories and methodologies, and through contacts with international researchers and research environments,
- between the academic and practical dimensions of the subject areas.

Study and career guidance for research students is organised by the director of research and PhD programme, research groups and supervisors.

### **3. Admission requirements**

An applicant is eligible for third-cycle studies if he or she fulfils the basic eligibility requirements and the special requirements, as well as being judged to possess the potential to benefit from the education.

#### 3.1 General eligibility

An applicant has basic eligibility for third-cycle studies if he or she has been awarded a second cycle degree, has completed course requirements of at least 240 credits, including at least 60 credits at the second cycle level, or has acquired the equivalent knowledge in some other way, either in Sweden or abroad.

#### 3.2 Specific eligibility

An applicant has special eligibility if he or she has completed 90 credits in a subject that is relevant to Research Policy and has completed an essay worth at least 15 credits, or has acquired the equivalent knowledge in some other way, either in Sweden or abroad.

#### 3.3 Prerequisite knowledge

Oral and written presentations in English are an important part of the third-cycle programme. The ability to fully understand and to write scholarly texts in English is therefore a prerequisite for completing the programme.

### **4. Admission and selection**

The head of department decides on admission to the third-cycle programme. The selection of eligible applicants is based on an assessment of their ability to benefit from the programme, on the basis of the quality of their previous independent projects as well as their planned thesis projects. Interviews may also be conducted with the applicants.

### **5. Programme information**

The degree programme is intended for a study period of a maximum of four years. This requires that the doctoral student pursues his/her studies on a full-time basis and utilizes the time effectively. When a doctoral student also works in the department (maximum 20% of full time) the study period will be extended accordingly.

The programme comprises 240 credits, divided into a literature section of 60 credits and a doctoral dissertation of 180 credits.

#### 5.1 Supervision

The principal supervisor shall be appointed at the time of admission and should be qualified at least as a reader (docent), as well as being a tenured employee at the

department. The principal supervisor bears the main responsibility for the progress of dissertation work and for ensuring that the doctoral dissertation meets the quality requirements. The assistant supervisor is appointed at the time of specifying the subject of the dissertation. This should be a person that is well acquainted with the subject, irrespective of where he or she works. All supervisors are to have undergone training for supervision in third-cycle education. The research student's wishes are to be taken into account as far as possible in the allocation of supervisors.

Information regarding the change of supervisor is available in *Procedure for the change of supervisor at the School of Economics and Management*, reg. no STYR 2016/860.

### 5.2 Individual study plan

At the beginning of the study period an individual study plan will be drawn up by the doctoral student in collaboration with the supervisor. The plan should contain an outline for the study period and include an approximate schedule for the different components of the dissertation work and the courses. The plan should be more detailed for the current year and more general for the subsequent years. The plan is to be revised and followed up every year. It should regulate the doctoral student's commitments as well as the obligations of the supervision committee towards the doctoral student.

If a doctoral student seriously neglects his/her commitments according to the individual study plan his/her entitlement to supervision and other resources may be withdrawn (Higher Education Ordinance Chapter 8 Section 10). This requires a decision by the Lund University vice-chancellor.

### 5.3 Teaching

The doctoral student is entitled to receive instruction in the form of seminars and teacher-led courses. The Department of Business Administration is entitled to demand that the doctoral student participates actively in the instruction provided.

All doctoral students should have the opportunity to participate in the university's teacher training course in teaching and learning in higher education, and those involved in teaching shall participate in at least two weeks of the university's course in teaching and learning in higher education.

#### *5.3.1 Compulsory components*

The compulsory part of the programme comprises an introductory block in research policy and is worth 30 credits. It contains

- Research Policy (7,5 credits)
- Research Methods (7.5 credits)
- Introduction to Innovation studies (7.5 credits)
- Science and Technology Studies: An overview (7.5 credits) (elective can be interchanged with another specialization in consultation with main supervisor)

### 5.3.2 *Optional courses and literature courses*

The optional part of the programme is worth 30 credits and comprises courses intended to provide in-depth knowledge or specialisation in some sub-areas of the subject areas and their theoretical and methodological areas. The optional courses may be

- third-cycle courses given within or outside the research group and
- individual literature courses.

A course in Research ethics (3 credits) is highly recommended by the faculty. If possible, the course is to be taken early during the studies.

### 5.4 Research seminars and conferences

Doctoral students are expected to actively participate in research activities related to the subject of research policy, including seminars, where they are to present their own work about once a year.

As part of the programme, doctoral students are to be included in the academic community and participate in the exchange of research within the field, both nationally and internationally. Therefore, the doctoral student is expected to participate in conferences of relevance to the field. A selection of such conferences is to be made in consultation with the committee of supervisors.

## **6. Teaching and examination**

Teaching is carried out through lectures, seminars and supervision. The forms of teaching and assessment may vary from one course to another; assessment of the compulsory courses is performed by the course examiner. Other courses taken at Lund University or other higher education institutions (including institutions abroad) may also, if approved by the director of studies, be included in the compulsory components of the third-cycle programme.

The optional part comprises courses selected in consultation with the supervisor, so that they cover a satisfactory breadth and depth in the subject areas. The doctoral dissertation should be based on independent scholarly work and comprise 180 credits. It may either be a monograph or a compilation dissertation consisting of a collection of articles with a summary. A work by two or more authors can be approved as a doctoral dissertation if each doctoral student's individual contribution is specified in order for it to be individually assessed.

The doctoral dissertation is defended orally in public and will be awarded the grade Pass or Fail. Grading is based on the content of the doctoral dissertation, as well as the public defence.

Further information regarding the thesis, public defence and the grading committee is available in *Regulations for Third-Cycle Studies at the School of Economics and Management*, reg. no STYR 2018/1589.

## **General Syllabus for Third-Cycle Studies in Research Policy for the Degree of Licentiate at Lund University School of Economics and Management**

This syllabus was adopted by the Board of the School of Economics and Management on 19 October 2018. See also *Regulations for Third-Cycle Studies at the School of Economics and Management*, reg. no STYR 2018/1589.

Third-cycle studies in Research Policy are conducted at the Department of Business Administration, Lund University School of Economics and Management. Third-cycle studies are offered to the extent that available resources allow.

### **1. Description of third-cycle subject area**

The subject of Research Policy focuses on the prerequisites for, and the effects of, research and development (R&D) in society. This includes empirical and theoretical studies of the relationship between politics, administration, and public and private R&D. Problem areas include research policy instruments, organization of research, social and economic effects of R&D, as well as science's broader role in society, such as through the provision of knowledge in education and management (expertise). Research policy research thus rests on a variety of support disciplines, such as sociology, political science, history, philosophy/science theory, and economics.

### **2. Aim of the programme and learning outcomes**

The third-cycle programme in research policy aims to provide students with specialised knowledge of the subject of research policy and the partly overlapping subject of innovation studies, which deal with

- A. the impact of higher education on economic development,
- B. the relationship between policy regulations and knowledge development within the higher education sector and industry.

#### *Knowledge and understanding*

For a Degree of Licentiate the research student shall:

- demonstrate knowledge and understanding in the field of research including current specialist knowledge in a limited area of this field as well as specialised knowledge of research methodology in general and the methods of the specific field of research in particular.

#### *Competence and skills*

For a Degree of Licentiate the research student shall:

- demonstrate the ability to identify and formulate issues with scholarly precision critically, autonomously and creatively, and to plan and use appropriate methods to undertake a limited piece of research and other qualified tasks within predetermined time frames in order to contribute to the formation of knowledge as well as to evaluate this work

- demonstrate the ability in both national and international contexts to present and discuss research and research findings in speech and writing and in dialogue with the academic community and society in general, and
- demonstrate the skills required to participate autonomously in research and development work and to work autonomously in some other qualified capacity.

#### *Judgement and approach*

For a Degree of Licentiate the research student shall

- demonstrate the ability to make assessments of ethical aspects of his or her own research
- demonstrate insight into the possibilities and limitations of research, its role in society and the responsibility of the individual for how it is used, and
- demonstrate the ability to identify the personal need for further knowledge and take responsibility for his or her ongoing learning.

The third-cycle programme in research policy leads to a degree of Licentiate in Research Policy.

The degree programme aims for high quality through maintaining strong connections:

- to research by taking a critical approach,
- between the specific thesis topic and its overall scholarly context,
- between different research disciplines of relevance to the subjects,
- to the international context when choosing perspectives, theories and methods, and through contact with international researchers and research environments,
- between the academic and practical dimensions of the fields.

Study and career guidance for research students is organised by the director of research and PhD programme, research groups and supervisors.

### **3. Admission requirements**

An applicant is eligible for third-cycle studies if he or she fulfils the basic eligibility requirements and the special requirements, as well as being judged to possess the potential to benefit from the education.

#### 3.1 General eligibility

An applicant has basic eligibility for third-cycle studies if he or she has been awarded a second cycle degree, has completed course requirements of at least 240 credits, including at least 60 credits at the second cycle level, or has acquired the equivalent knowledge in some other way, either in Sweden or abroad.

#### 3.2 Specific eligibility

An applicant has special eligibility if he or she has completed 90 credits in a subject that is relevant to Research Policy and has completed an essay worth at

least 15 credits, or has acquired the equivalent knowledge in some other way, either in Sweden or abroad.

### 3.3 Prerequisite knowledge

Oral and written presentations in English are an important part of the degree programme. The ability to fully understand and to write scholarly texts in English is therefore a prerequisite for completing the programme.

## **4. Admission and selection**

The head of department decides on admission to the third-cycle programme. The selection of eligible applicants is based on an assessment of their ability to benefit from the programme, on the basis of the quality of their previous independent projects as well as their planned thesis projects. Interviews may also be conducted with the applicants.

## **5. Programme information**

The third-cycle programme leading to a licentiate degree normally demands two years of study, provided that the research student pursues full-time studies and makes efficient use of the tuition offered. If the research student is granted a doctoral studentship and carries out departmental duties to an extent of no more than 20 per cent of the post, the duration of the period of study will be extended correspondingly.

The programme comprises 120 credits, divided into a course component of 30 credits and a thesis component of 90 credits.

### 5.1 Supervision

The principal supervisor shall be appointed at the time of admission and should be qualified at least as a reader (docent), as well as being a tenured employee at the department. The principal supervisor is mainly responsible for ensuring the progress of the thesis project and making sure that it meets the quality requirements. Furthermore, an assistant supervisor is to be appointed in connection with defining the delimited thesis topic. This position should be filled by someone who is highly familiar with the topic in question, irrespective of their departmental affiliation. All supervisors are to have undergone training for supervision in third-cycle education. The research student's wishes are to be taken into account as far as possible in the allocation of supervisors.

Information regarding the change of supervisor is available in *Procedure for the change of supervisor at the School of Economics and Management*, reg. no STYR 2016/860.



## 5.2 Individual study plan

At the start of the programme, an individual study plan is to be drawn up for every research student in collaboration with the supervisor. The plan is to contain an overall plan for the duration of the study period, including an approximate time frame for the various components of the thesis project and the course component. The plan should be more detailed for the upcoming year and more general for the rest of the period of study. The plan is to be reviewed and revised once a year. It is to state the research student's undertakings and the department's obligations towards the research student.

If a research student seriously neglects his/her commitments according to the individual study plan his/her entitlement to supervision and other resources may be withdrawn (Higher Education Ordinance Chapter 8 Section 10). This requires a decision by the Lund University vice-chancellor.

## 5.3 Teaching

Research students are entitled to teaching in the form of seminars and face-to-face courses. The department has the right to demand the research student's active participation in the teaching provided.

Research students who teach should undergo at least two weeks of training in teaching and learning in higher education, and such courses are to be offered to all research students.

The course component of 30 credits consists of the following compulsory elements:

- Research policy (7.5 credits)
- Research methods (7.5 credits)
- Innovation studies (7.5 credits)
- Science studies or another course on the subject chosen in consultation with the principal supervisor

A course in Research ethics (3 credits) is highly recommended by the faculty. If possible, the course is to be taken early during the studies.

## 5.4 Research seminars and conferences

Research students are expected to actively participate in research activities related to the subject of research policy, including seminars, where they are to present their own work about once a year.

As part of the programme, research students are to be included in the academic community and participate in the exchange of research within the field, both nationally and internationally. Therefore, the research student is expected to participate in conferences of relevance to the field. A selection of such conferences is to be made in consultation with the committee of supervisors.

## 6. Teaching and examination

Teaching is carried out through lectures, seminars and supervision. The forms of teaching and assessment may vary from one course to another; assessment of the compulsory courses is performed by the course examiner. Other courses taken at Lund University or other higher education institutions (including institutions abroad) may also, if approved by the director of studies, be included in the compulsory components of the third-cycle programme.

The elective components on the programme are comprised of courses selected in consultation with the supervisor to make sure that they cover a wide range and depth in the subject. The licentiate thesis corresponds to 90 credits, and can be designed either as a monograph or as a compilation thesis consisting of a collection of papers. If the licentiate thesis is co-authored by several authors, it must be possible to discern the contributions of each research student in order to make an individual assessment.

The licentiate thesis is to be defended at a public seminar. The thesis is graded either *Pass* or *Fail*, based on its content and the public defence.

Further information regarding the thesis, public seminar and the examiner is available in *Regulations for Third-Cycle Studies at the School of Economics and Management*, reg. no STYR 2018/1589.