



## Programme Syllabus for Master Programme in Economic Development and Growth

### 1. Identification

|                    |   |
|--------------------|---|
| Name of programme  | Economic Development and Growth (master programme)<br>Ekonomisk utveckling och tillväxt (masterprogram) |
| Scope of programme | 120 ECTS  |
| Level              | Master level  |
| Programme code     | EAEUT   |
| Decision details   | 14 April 2011   |
| Amendment details  | 13 January 2016; 10 October 2017  |

### 2. Programme description

There is an expanding demand by private and public institutions in the field of Economic Development for researchers and professionals with a broad and dynamic knowledge rather than with a narrow-band specialization in specific issues. Boundaries between theory of economic development and growth, economic history, institutional economics and management of development programmes are getting increasingly blurred. What the professional market demands are graduates with a rich and comprehensive background. The combination of rigorous economic analysis with a proper understanding of institutional and historical complexities therefore represents an essential element of viable development strategies. The researchers and professionals educated in the Economic Development and Growth programme will be able to deal with the complexity and multiple dimensions of economic development and growth in carrying out research, designing policies or implementing projects in less developed countries.

The Master Programme in Economic Development and Growth (MEDEG) has four main objectives:

- to educate an innovative generation of analysts, researchers and professionals in the field of economic development and growth;
- to create a high-quality European master programme able to compete in the international market for higher education as a reference centre for research and professional training in the field of economic development and growth;
- to institutionalize the mobility and interaction of students and scholars across Europe and with Third-Countries;

- to contribute to European education's excellence and competitiveness at international level within the European Higher Education system.

#### *Career opportunities*

Graduates from the programme are of high academic and professional potential, coming both from the EU and Third-countries. The opportunity to specialise in an exciting area of economic studies and spend two years in an international academic environment creates solid career prospects in this field.

One of the programmes key specificity is its original approach to the subject of Economic Development and Growth, which emphasises the importance of long run and institutional factors. The ambition is to train a new generation of professionals in the field of Economic Development and Growth endowed not only with solid economic analytical skill but also with a solid understanding of the constraints and opportunities provided by institutions and history.

#### *Connection to further studies*

Graduates from the programme are eligible for applying for postgraduate studies in economic history.

### **3. Learning outcomes**

The programme builds on previous studies at the undergraduate level in subject matters related to economic development and growth. In accordance with the Higher Education Ordinance, the Master of Science (120 credits) is awarded to students who at the completion of the programme accomplish the following:

#### **Knowledge and understanding**

For a Master of Science (120 credits) the student shall

- demonstrate knowledge and understanding in the main field of study, including both broad knowledge of the field and a considerable degree of specialised knowledge in certain areas of the field as well as insight into current research and development work, and
- demonstrate specialised methodological knowledge in the main field of study.

#### **Skills and abilities**

For a Master of Science (120 credits) the student shall

- demonstrate the ability to critically and systematically integrate knowledge and analyse, assess and deal with complex phenomena, issues and situations even with limited information
- demonstrate the ability to identify and formulate issues critically, autonomously and creatively as well as to plan and, using appropriate methods, undertake advanced tasks within predetermined time frames and so contribute to the formation of knowledge as well as the ability to evaluate this work
- demonstrate the ability in speech and writing both nationally and internationally to report clearly and discuss his or her conclusions and the knowledge and arguments on which they are based in dialogue with different audiences, and
- demonstrate the skills required for participation in research and development work or autonomous employment in some other qualified capacity.

#### **Judgement and approach**

For a Master of Science (120 credits) the student shall

- demonstrate the ability to make assessments in the main field of study informed by relevant disciplinary, social and ethical issues and also to demonstrate awareness of ethical aspects of research and development work
- 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.

### **Independent project (degree project)**

A requirement for the award of a Master of Science (120 credits) is completion by the student of an independent project (degree project) of at least 30 credits in the main field of study. The degree project may comprise less than 30 credits, however no less than 15 credits, if the student has already completed an independent project in the second cycle of at least 15 credits in the main field of study or the equivalent from a programme of study outside Sweden.

## **4. Course information**

This programme is organised by a consortium including Universidad Carlos III Madrid, University of Groningen and Lund University School of Economics and Management (LUSEM, coordinating institution). The students combine one year of studies (at either Carlos III or Groningen with one year of studies at LUSEM. The programme runs over two years and includes 120 ECTS credits in total. The programme consists of 12 to 16 course modules (depending on the two different mobility schemes available), delivered via a combination of lectures, classes, tutorials and essay writing with individual supervisors. Students are mandatorily required to study at two different universities of the consortium. At each university they have to complete a minimum of 60 ECTS.

The programme students can choose to spend their first year either at the University of Groningen (Option A) or at Universidad Carlos III Madrid (Option B). Groningen targets English-speaking students oriented towards research on economic development and growth at academic level. Carlos III Madrid targets Spanish-speaking students wanting either to pursue a professional career as development economists at governmental agencies and international organizations or to carry out research in development economics and economic history at academic level.

The first term is common at both universities and provides basic courses in Macro- and Micro-economics, International Economics, Statistics and Econometrics at intermediate level. In the second term, advanced courses are taught in order to allow students to specialize in the field of Economic Development according to the expertise offered by the two Universities. Students at Groningen develop advanced skills in international economics with a focus on trade, finance and economic growth. Students at Carlos III focus on the analysis of different facets of economic development with a special emphasis on demography, inequality and poverty, and privilege Latin America as their main field of analysis. In both Universities the 3rd term of the first year is devoted to preparing a thesis. First year courses end up with a general workshop of one week in which students from both options receive advanced training on specific topics by specialist from consortium universities and external experts. Students with the highest-quality first-year dissertations will also present the results of their research and discuss them with experts.

In the second year students move to LUSEM to receive education and training in a series of advanced courses on different aspects of long-run economic development and growth. Thanks to the wide scope of expertise available at Lund and mobility schemes which allow instructors from both Groningen and Carlos III Madrid to move to Lund for one term, students can choose among a high number of courses on topics as varied and diverse as comparative patterns of economic change, technological change and innovation, inequality and living standards, economic demography, energy and sustainability, globalization and growth. In addition methodological courses are also offered on advanced quantitative and research methods. At the end of the second year students are required to write a second thesis with a high-level component of innovative research.

The combination of credits for courses studied at Carlos III or Groningen (including the theses) are transferred to LUSEM and are content wise to meet the learning outcomes of the programme as an entity. This puts special emphasis on the final thesis at LUSEM.

The programme has the following structure:

| <b>Semester 1</b>                                | <b>Semester 2</b>                                      |
|--|--|
| Studies at Groningen                             | Studies at Groningen<br>Including a thesis of 20 ECTS  |
| <i>or</i>  | <i>or</i>  |
| Studies at Carlos III                            | Studies at Carlos III<br>Including a thesis of 12 ECTS |
| <b>Semester 3</b>                                | <b>Semester 4</b>                                      |
| <b>Core course part I:</b>                       | <b>Core course part I:</b>                             |
| Development of Emerging Economies (7.5 ECTS)     | Advanced Seminar (2,5 ECTS)                            |
|  | Comparative Analysis of Economic Change (5 ECTS)       |
| <b>Electives part I (7.5 ECTS):</b>              | <b>Electives part III (2x7.5 ECTS):</b>                |
| Advanced Public Economics                        | Innovation, Energy and Sustainability                  |
| The Global Economy and Long-Term Economic Growth | Institutions, Economic Growth and Equity               |
| Economic Growth over Time and Space              | Consequences of Demographic Change                     |
| Causes of Demographic Change                     | Applied Time Series Analysis                           |
|  | Advanced trade theory                                  |
| <b>Electives part II (2x7.5 ECTS)</b>            | Geographical Information Systems                       |
| Population and Living Standard                   |  |
| Economics of Innovation                          |  |
| Applied Microeconometrics                        | <b>Part IV (15 ECTS):</b>                              |
| Advanced Development Economics                   | Degree project / Master thesis                         |
| China and the Asia Pacific                       |  |
| Applied International Macroeconomics             |  |
| Innovation for sustainable development           |  |

## 5. Degree

Upon completion of the programme a Master of Science (120 credits) will be awarded in compliance with the National Higher Education Ordinance (SFS 2006:1053). Major will be in Economic Development and Growth (*Filosofie masterexamen, huvudområde ekonomisk utveckling och tillväxt*).

## 6. Admission requirements and selection criteria

a) An undergraduate degree (BA/BSc) of at least 3 years, 180 ECTS credits with a major in Economics or the equivalent. A solid background of Mathematics, Statistics and Econometrics is recommended.

In particular cases, the Selection Committee can admit students with a Bachelor's degree in other disciplines which include a comprehensive and advanced training in economics, mathematics and quantitative methods.

b) A good command of English language both spoken and written, equivalent to English course B (advanced level) in the Swedish secondary system. Equivalence assessment will be made according to national guidelines.

#### *Selection criteria*

Selection will be based on academic merits from university studies and a statement of purpose in which applicants should state their reasons for applying to the programme. The initial selection to the first year of the programme is administrated by the Madrid and Groningen universities. Selection to the second year will be based on the academic merits from the first year and will be administrated in collaboration between Madrid, Groningen and Lund.

## **7. Other information**

Courses at the School of Economics and Management are graded according to an A-F scale.

The Board has also decided on the following steps in the application of the grading scale:

|        |   |
|--------|---|
| 100-85 | A |
| 84-75  | B |
| 74-65  | C |
| 64-55  | D |
| 54-50  | E |
| 49-0   | F |

It is up to the teaching professor to decide whether the credits of a course should be converted into a total of 100 points for each course, or if the scale above should be used as percentage points of any chosen scale instead.

#### *Academic integrity*

The University views plagiarism very seriously, and will take disciplinary actions against students for any kind of attempted malpractice in examinations and assessments. The penalty that may be imposed for this, and other unfair practice in examinations or assessments, includes suspension from the University.