

PUBLIC SECTOR AND ENVIRONMENTAL ECONOMICS

Programme Document

'What good is a house, if you haven't got a decent planet to put it on?'
Henry D. Thoreau

September, 2015

1. Facts about the partners

About the Faculty of Economics Ljubljana University (FELU)

The FELU is both a national leader and an internationally recognised academic and research institution in the fields of business and economics. It strives to be perceived as the world-renowned institution for the quality of its academic programmes and achievements in education and research.

Facts & Figures

- The FELU is a member of the University of Ljubljana.
- The FELU is passing on knowledge from the area of economics and business to over 5,300 students.
- The FELU is an internationally double-accredited school – European EQUIS (European Quality Improvement System) accreditation and American AACSB (Association to Advance Collegiate Schools of Business) accreditation.
- The FELU's tourism programmes also hold the UNWTO's prestigious TedQual international accreditation.
- The international business graduate programme of the FELU holds the European CeQuInt (Certificate for Quality in Internationalisation) certificate in the field of internationalisation.
- The FELU has two undergraduate Bologna 3+ programmes where students are able to choose from among 12 specialisations in the university Business & Economics Sciences programme and 8 specialisations in the Business Administration Professional Degree programme.
- On the graduate level, a student can choose from 15 Bologna 2+ programmes, of which 14 programmes are in the English language and 3 programmes are conducted abroad.
- The FELU offers a 3+ Doctoral Programme in Economics and Business in English.
- The FELU offers 3 undergraduate Double Degree Programmes.

- The FELU offers 6 graduate Double Degree Programmes as well as 2 joint degree programmes.
- The MBA programme at the FELU offers an upgrade of practical knowledge in economics and business to leading staff with several years of work experience.
- The FELU has 190 international agreements in place with partner institutions from 44 different countries.
- The FELU has over 1,560 international students:
 - over 500 foreign full-time undergraduate, postgraduate and doctoral students;
 - over 580 exchange students per year (incoming and outgoing);
 - over 470 foreign students annually in other programmes (summer schools, short intensive programmes etc);
- The FELU is coordinating two 4-year international Erasmus Mundus, Euro-Asian Cooperation for Excellence and Advancement projects, which promote mobility as well as cooperation between European and Central Asian universities.
- The FELU's Summer School – Take the Best from East & West – is one of the biggest and most popular in the area of economic and business sciences in Europe.
- The Confucius Institute at the FELU is the only such business institute in this part of Europe.
- The FELU has over 8,000 alumni members.
- The FELU offers membership in the prestigious American Beta Gamma Sigma Association to its best students.
- The FELU is a founding member of the ACE (Alliance of Chinese and European Business Schools) strategic association.
- The FELU's Centre for Student and Career Services (CERŠ) provides help and guidance to students during their studies as well as for planning their career and personal development. The FELU organises over 80 scientific-research seminars and conferences annually.

- Every year the FELU confers awards on researchers for the best published paper.
- The FELU has 286 full-time employees, over 80 visiting scholars and other external co-workers.
- The FELU is a socially responsible institution.
- The FELU cooperates with the business world.
- The FELU enjoys the support of the Business Advisory Board, which is made up of respected Slovenian business leaders.

About the School of Economics and Business Sarajevo (SEBS)

The SEBS is the oldest and largest public higher education institution in the Bosnia and Herzegovina (B&H). It is an absolute leader in dissemination of knowledge and scientific research in the fields of economics, business and management in the country. SEBS strategically and operationally strives towards high levels of regional and international recognition which is reflected in its mission "to become a prestigious higher education institution in the area of economic and business sciences in South East Europe region by 2025.

Facts & Figures

- The SEBS is a member of the University of Sarajevo (and its largest member)
- Currently, the SEBS has over 5.000 students enrolled at all three cycles of study.
- The SEBS is an internationally certified and accredited school. It holds Bureau Veritas ISO certificate in accordance with the 9001:2008 norm, an accreditation from The Austrian Agency for Quality Assurance (AQA), and the programme accreditation EPAS (for the I cycle programme set Financial Management and Marketing Management) awarded by EFMD (European Foundation for Management Development). SEBS is also in the final phase (Initial Accreditation Phase) of the AACSB (Association to Advance Collegiate Schools of Business) accreditation process. The final

decision on accreditation award is expected to be announced in September 2015.

- Following the Bologna Charter, the SEBS conducts all three levels of study - undergraduate, master and doctoral. At the first cycle of study, there are two main academic streams (Economics and Management) with a number of different concentrations and one practice oriented stream (Business Administration). EFMD/EPAS accredited programme set Financial Management and Marketing Management is being fully delivered in English language within the Management stream. Additionally, at the first cycle of study, SEBS conducts Double Degree Programme "Sarajevo Business School" in cooperation with Griffith College Dublin, Ireland, that is fully delivered in English language.
- In addition to various master programmes that SEBS conducts independently, there are a number of programmes delivered jointly with international partners: two Joint Master Programmes (with Faculty of Economics and Business University of Zagreb and University of Bolton), one Double Degree Master Programme (with Faculty of Economics University of Ljubljana) and one Twinning Master Programme (with Faculty of Economics and Business University of Zagreb).
- The SEBS offers a three-year Doctoral Programme (both PhD and DBA) in Economics and Business in English language.
- The SEBS has 79 academic members and 78 full time administrative staff.
- The SEBS maintains close connections with the corporate community through the work of its Business Advisory Board (comprising of the most influential companies operating in the country).

2. Structure and Syllabus

The Joint Master Programme in Public Sector and Environmental Economics is being prepared in collaboration with the Faculty of Economics (University of Ljubljana). The *aim* of the Joint Master programme in Public Sector and Environment is to provide the candidates of the Bologna-based +2 study with an in-depth knowledge and skills related to the fields of economics and management of public sector and environmental economics and management. In addition, the programme's objectives are to: broaden the understanding of the forces driving social change, provide the skills and tools for designing and influencing public policy, provide knowledge and skills for leading and managing organizational change, with emphasis on analytical and problem-solving approaches, introduce new concepts and perspectives for the effective and strategic management of public sector programmes and stimulate new mechanisms for more effectively serving social needs.

This programme strengthens the university's ability to provide education that meets the particular needs of transition countries. The interdisciplinary focus of the programme addresses the core need for management, planning, and policy analysis for the public and social sectors.

The curriculum is organized in the following modules:

1. Management and Economics of the Public sector
2. Environmental Economics and Management

The requirements for the completion of the programme are the successful completion of courses organized according to the system of continuous assessment, followed by writing master's thesis and its oral defence.

The course work consists of the following courses:

1. Common courses in the first and second semester
2. Module-specific obligatory courses (area courses) in the third semester
3. Elective area course in the third semester

4. Project work in the third semester

The areas of specialization are developed through the selection of a master's project/thesis, elective courses and design of relevant projects in the core courses. These activities offer the student a chance to develop depth in his/hers area of specialization.

An applied master's project (thesis) is a cornerstone of the programme. Under the guidance of their faculty advisor, students develop a project relevant to their concentration area. The project allows each student to develop in-depth expertise about a chosen topic. The topic should be such that they can integrate and apply many of the concepts learned in their core and elective courses.

The structure of the curriculum and course work is given in the following table.

Programme Schedule

| Year 1 | | | |
|--------------|-----------------------------------|-----------|----------|
| Semester 1 | | | |
| No. | Course | ECTS | Elective |
| 1 | <i>Economics of Public Sector</i> | 10 | No |
| 2 | <i>Managerial Economics</i> | 10 | No |
| 3 | <i>Research Methods</i> | 10 | No |
| TOTAL | | 30 | |

| Year 1 | | | |
|--------------|--|-----------|----------|
| Semester 2 | | | |
| No. | Course | ECTS | Elective |
| 1 | <i>Public Sector Management</i> | 7 | No |
| 2 | <i>Public Finance</i> | 7 | No |
| 3 | <i>Human Resource Management</i> | 7 | No |
| 4 | <i>Environmental Economics and Public Policy</i> | 9 | No |
| TOTAL | | 30 | |

| Year 2 | | | |
|--------------|------------------------|-----------|----------|
| Semester 3 | | | |
| No. | Course | ECTS | Elective |
| 1 | <i>Area Course</i> | 8 | No |
| 2 | <i>Area Course</i> | 7 | No |
| 3 | <i>Elective Course</i> | 7 | Yes |
| 4 | <i>Project Work</i> | 8 | No |
| TOTAL | | 30 | |

| Year 2 | | | |
|--------------|-----------------|-----------|----------|
| Semester 4 | | | |
| No. | Course | ECTS | Elective |
| 1 | Master's Thesis | 30 | No |
| TOTAL | | 30 | |

| Area courses – Module: Management and Economics of the Public sector | | | |
|--|--|------|----------|
| No. | Course | ECTS | Elective |
| 1 | <i>Public Sector Marketing</i> | 8 | No |
| 2 | <i>Health Economics</i> | 7 | No |
| Area courses – Module: Environmental Economics and Management | | | |
| No. | Course | ECTS | Elective |
| 1 | <i>Economics of Sustainable Development</i> | 8 | No |
| 2 | <i>Environmental and Natural Resource Management</i> | 7 | No |

| Elective courses | | | |
|------------------|--|------|----------|
| No. | Course | ECTS | Elective |
| 1 | <i>Energy Economics</i> | 7 | Yes |
| 2 | <i>Economics of Education</i> | 7 | Yes |
| 3 | <i>Economics of Regulation</i> | 7 | Yes |
| 4 | <i>Economics of Telecommunications</i> | 7 | Yes |
| 5 | <i>Corporate Finance</i> | 7 | Yes |
| 6 | <i>Global Climate Change: Economics, Science, and Policy</i> | 7 | Yes |
| 7 | <i>Information Systems Management</i> | 7 | Yes |
| 8 | <i>Management in Public Organization</i> | 7 | Yes |
| 9 | <i>Change Management</i> | 7 | Yes |
| 10 | <i>International Environmental Negotiation</i> | 7 | Yes |
| 11 | <i>Project Management</i> | 7 | Yes |
| 12 | <i>Environmental Accounting and Management</i> | 7 | Yes |
| 13 | <i>Environmental and Natural Resource Economics</i> | 7 | Yes |

3. Programme objectives

The purpose of master programme is for students to master knowledge in the area of public sector/environment and develop the ability to understand the areas of microeconomics and public organization management, as well as to master the research methods and techniques. The programme's objectives are to:

- Introduce the specifics of public sector economy compared to private sector to students
- Develop managerial skills in students and thus make them qualified for managing organizations that operate in public sector
- Develop the students' ability to understand changes occurring in public sector
- Make students capable of making contributions to science through research and application of research methods in solving problems in the area of public sector economy and management and environmental protection

4. Student competencies

The delivery of programme provides for the use of different teaching methods, from the traditional knowledge transfer to case studies, discussions, preparation and presentation of term papers, essays, database use and analysis, visits to institutions, participation of guests from practice, and actual solving of cases within project tasks. All the above serves to students' adoption and development of knowledge, skills and capabilities, as follows:

- Comprehensive and critical thinking based on problem analysis and synthesis
- Effective use of information and communication technologies
- Acquisition and appropriate use of databases and other sources

- Ability to use previous knowledge, skills and methodological approaches in identifying problems and solving them at the level of individual public sector institutions
- Ability to manage public organizations at different levels
- Ability to understand the impact of broader natural, social and technological environment and European integrations on changes in public sector
- Ability to practically apply knowledge and skills in making decisions on individual public sector issues
- Ability for team work, professional discussions and consensus-based decision-making
- Developing abilities to detect and ask research questions in the area of public sector economy and management and environmental protection, planning and completing research papers

Common competencies of students who complete the programme

- Understand fundamental characteristics of public sector
- Recognize reasons for regulation in public sector
- Become familiar with problems in public sector financing
- Learn about the process of liberalization in various areas of public sector in the EU and understand the operation of public organizations and enterprises in such situations
- Understand political, economic and social aspects of public administration and specifics of individual countries in the light of international comparability
- Understand fundamental concepts in the economy of environment and public policy created for resolving economic, social and environmental problems

Additional competencies of students who complete the module Management and Economics of the Public Sector

- Learn about the functioning of various public sector areas: health care, education, telecommunications, energy

- Acquire the ability to articulate proposals of economic policy measures in these areas
- Acquire the necessary knowledge and skills for efficient public organization management
- Use all business science tools for efficient design, implementation and estimates of relevant managerial approaches in public sector
- Acquire appropriate organizational skills in performing top and middle-level manager jobs in public organizations.

Additional competences of students who complete the module Environmental Economics and Management

- Understand and recognize major environmental problems faced by managers in different business environments
- Develop awareness of ethical and moral norms that must be observed in search for sustainable use of resources
- Acquire necessary practical knowledge, particularly in the domain of environment control and regulations.

5. Academic Requirements

In order to be considered for the programme applicants must have a Bachelor's degree from a B&H/SLO university, or an equivalent international qualification (the diploma recognition is required).

The target group for this programme are candidates that have work experience in public sector and all those who intend to work in (or with) the public sector. Applicants with completed Bachelor degree (BA) from all fields of study are eligible. In addition students should speak fluently the language of their home institution and English.

Prerequisites:

For applicants that have a BA diploma in social and business sciences and in environmental sciences there are no prerequisites. For applicants with BA diploma in other sciences there are two

prerequisites (courses) that should be passed before or after the enrolment - Introduction to Business and Microeconomics 1.

Students register and pay tuition fee to the home university. For mobility there are no additional tuition costs. Students in their mobility phase are regarded as regular students and will be granted a normal access to the facilities of the host university.

7. Career progression

Our programme gives students a strong academic foundation to their professional skills. Other students study for a degree with us because of their love of learning and their desire to widen their understanding of the world. As a graduate of this programme the student will be well prepared for high positions in government, public sector, international organisations and NGOs.

