



SAVONIA

Savonia University of Applied Sciences
www.savonia.fi

MultiPro 2020

International Study Module for Future Professionals

From January 7 to April 7

15-30 ECTS



Contents

Contents2

MultiPro 2020 - International Study Module for Future Professionals.....3

Curriculum.....4

Core Studies.....5

 MPRO101A Orientation (1 ECTS).....5

 MPRO110 Communication Skills (5 ECTS).....5

 MPRO104 Survival Finnish (3 ECTS)6

 LAA15KV Research Methodology (3 ECTS).....6

Specialised studies –Agriculture and Rural Industries.....7

 LAFo3 Food Chain Challenges (5 ECTS).....7

 MPRO120 Circular Economy in Agriculture (5 ECTS).....7

 RAPo6KV Animals in Agriculture (2 ECTS).....8

 LAA16KV Agriculture in Global Context (5 ECTS).....8

 LAAo5KV Animal Breeding Practices (3 ECTS).....8

 GRECAKV Green Care (5 ECTS).....9

 LMPR103 Placement (6 ECTS – 20 ECTS).....10

Specialised Studies Health Care.....10

 GRECAKV Green Care (5 ECTS).....10

 LAFo3 Food Chain Challenges (5 ECTS)11

 SHPR102 Placement (10-30 ECTS).....11

Specialised Studies Social Services.....12

 SSMUKAKV Diversified Upbringing of Children (3 ECTS).....12

 SSPÄTYKV Work with Substance Abusers in Social Sector (3 ECTS).....12

 SSTYJKV Developing Work Community and Leadership (5 credits)13

 SSMOHAKV Multiprofessional Project Work (3 ECTS).....14

 GRECAKV Green Care (5 ECTS).....15

 LAFo3 Food Chain Challenges (5 ECTS).....16

 SSPR101 Placement (10-30 ECTS).....16



MultiPro 2020 - International Study Module for Future Professionals

This international study module will be implemented at the Savonia University of Applied Sciences in Iisalmi during the period 7.1. - 7.4.2020. After that the student can continue with a placement. The theoretical sub-modules are organized mainly from January to April. Placements are organized during or after the theoretical part of the module depending on the degree program. Theoretical studies can be combined with a simultaneous placement in case of teacher training. In other cases the student chooses either studies or placement or continues with the placement after the theoretical study period.

It is possible for the student to build up a six-month-long exchange period with the combination of studies and placement according to the wishes and aims of each student. Agricultural students can do their placement until the end of August. The number of credits per each placement varies according to the personal learning agreement between the student and the sending and the receiving institution.

Qualifications: Bachelor level education students

Deadline for applications: 30.9.2019

Welcome to study on the MultiPro Program!

For more information please contact

MultiPro Coordinator Ms. Marjatta Kumpulainen
marjatta.kumpulainen@savonia.fi

PL 72 FI-74101 IISALMI, FINLAND
Tel +358 44 785 6654

www.savonia.fi/multipro

www.savonia.fi

www.iisalmi.fi

<https://www.facebook.com/multipromodule/>



Curriculum

MPRO Core studies 13 ECTS

Core studies are organized mainly for foreign students studying in the module. Finnish students can choose these sub-modules as elective studies.

Orientation	1 ECTS
Communication Skills	5 ECTS
Survival Finnish	3 ECTS
Research Methodology	3 ECTS

MPRO Specialised studies 10 - 19 ECTS

The following sub-modules can be chosen according to the study field or student's interest.

Agriculture and Rural Industries:

Food Chain Challenges	5 ECTS
Circular Economy in Agriculture	5 ECTS
Animals in Agriculture	2 ECTS
Agriculture in Global Context	5 ECTS
Animal Breeding Practices	3 ECTS
Green Care	5 ECTS
Placement	6 – 20 ECTS

Health Care:

Green Care	5 ECTS
Food Chain Challenges	5 ECTS
Placement	10 – 30 ECTS

Social Services:

Diversified Upbringing of Children	3 ECTS
Work with substance abusers in social sector	3 ECTS
Developing work community and leadership	5 ECTS
Multiprofessional Project Work	3 ECTS
Green Care	5 ECTS
Food Chain Challenges	5 ECTS
Placement	10 – 30 ECTS



Core Studies

MPR101A Orientation (1 ECTS)

Objectives: The student becomes familiar with the Iisalmi Campus and its facilities. S/he gets to know fellow students and their culture as well as the Finnish culture and the local study and living environment. S/he becomes motivated to study and understands the requirements of studying.

Core content: Introduction to the whole MultiPro study module, practical study arrangements and general evaluation criteria, information about Savonia and the town of Iisalmi, international tutoring system, and documents related to exchange.

Study methods: lectures, discussions, workshops, excursions.

Assessment: Active participation.

Grading Scale: Pass/Fail.

Assessment criteria: Active participation, completed assignments.

Study Material: Available in Moodle platform.

MPRO110 Communication Skills (5 ECTS)

Objectives: The student learns about oral communication and writing in a multicultural environment as well as how to give presentations, express opinions and write public documents in English.

Introduction to information systems at the Savonia UAS such as email and eLearning platform Moodle. Students are able to improve their skills in scientific writing by using Microsoft Word. Students also get hands-on experience with multimedia production by learning image and video processing. Finally, students will produce an electronic publication (poster, newspaper, blogs etc.) with selected publishing software and/or social media tools.

Core content: Writing reports and articles, public writing e.g. blog writing, giving presentations.

Information systems (email, Moodle etc.) at the Savonia UAS, scientific writing by using Microsoft Word, basics of multimedia (image and video processing), basics of electronic publishing software.

Assessment: Active participation, completed assignments.

Learning and teaching methods: Lectures, group work, exercises and independent study.



Grading scale: Fail, satisfactory (1-2), good (3), very good (4), excellent (5).

Assessment criteria: Active participation, completed assignments, the content of assignments, language use.

Study material: Available in Moodle platform.

MPRO104 Survival Finnish (3 ECTS)

Objectives: The student is able to read simple lists like menus, invitations, TV –programs etc. S/he is able to greet and express time and prices in Finnish. The student knows the most common food ingredients in Finnish. Students learn something about local history and/or culture.

Core content: Greetings, expressing time and opinions, food and shopping.

Assessment: Active participation, completed assignments, possible short test(s).

Learning and teaching methods: Group work, oral and written exercises, possible excursions.

Grading scale: Fail, satisfactory (1-2), good (3), very good (4), excellent (5).

Assessment criteria: Active participation in classes, completed assignments and possible test(s).

Study material: Available in Moodle / given during the course.

LAA15KV Research Methodology (3 ECTS)

Objectives: The students know the basic concepts of research and differing research methodologies. They can critically interpret research results and are prepared to resolve research problems. The students understand the significance of statistics in empirical research, learn to use statistical programmes in research work and can look for research data in their own professional area.

Core content: Stages of the research process and the terminology associated with them. Conducting a small scale quantitative research from planning to report. Basic concepts of statistics and presentation of the examined data. Data processing using SPSS programme.

Assessment: Conduct of a quantitative research from plan to report. Personal learning diary.

Learning and teaching methods: Lectures, workshops, meetings.



Grading scale: Fail, satisfactory (1-2), good (3), very good (4), excellent (5).

Assessment criteria: 1/3 based on the study plan, 1/3 based on the study report, 1/3 based on the learning diary.

Study material: Will be distributed via Moodle.

Specialised studies – Agriculture and Rural Industries

LAF03 Food Chain Challenges (5 ECTS)

Objectives: The course focuses on food chain development in multidisciplinary environment. Student is able to plan and realize problem based development task or project in multidisciplinary and international group. Student is familiar with quality management in the whole food chain and knows basics on labeling and traceability in the food chain.

Core content: Quality management in the food chain. Labeling of food products. Traceability in the food chain. Food chain development case.

Assessment: Individual tasks, food chain development case individually and in student teams

Learning and teaching methods: Two contact days containing lecturing and development case introductions. Students work individually and in teams with their cases. Moodle environment for guidance and working.

Grading scale: Fail, satisfactory (1-2), good (3), very good (4), excellent (5).

Assessment criteria: Individual tasks, case.

Study material: Addressed in the beginning of the course

MPRO120 Circular Economy in Agriculture (5 ECTS)

Objectives: The student understands the importance and volume of the circulation of biomass in agriculture. The student knows the core legislation, technologies and nutrient recycling connected to circular economy in agriculture.

Core content: Overview on life cycle of food production. Legislation and terms of subsidies in circular economy in agriculture. Technologies and logistics of manure management: Possibilities of biogas, separation of manure, manure as livestock bedding etc. Recycling of nutrients and soil improvers in plant production.

Assessment: Exercises, final exam.

Learning and teaching methods: Lectures, virtual learning, exercises, exams.



Grading scale: Fail, satisfactory (1-2), good (3), very good (4), excellent (5).

Study material: Study material via Moodle.

LAA05KV Animals in Agriculture (2 ECTS)

Objectives: Basic processes in livestock production, techniques in production and the producer's responsibility in the food chain.

Content: Techniques in livestock production and precision livestock farming. Registering animals and research in livestock production.

Study methods: Lectures, farm visits, exam. Digital eLearning tools will be utilized (e.g. Moodle)

Assessment: Individual and group tasks, final exam.

Grading scale: Fail, satisfactory (1-2), good (3-4), excellent (5).

LAA16KV Agriculture in Global Context (5 ECTS)

Objectives: The student recognizes the most substantial global challenges for agriculture. The student knows how to find and utilize reliable international information. The student will increase his/her intercultural awareness and understanding of cultural diversity and the impact of culture on human behaviour and interaction.

Contents: Agriculture and its challenges around the world. Global organisations connected to agriculture.

Study methods: Lectures, assignments, projects, workshops, discussions. Digital eLearning tools will be utilized (e.g. Moodle). Alternatively the course or a part of it can be completed by working in an international project or similar.

Assessment: Active participation. Assessed self-evaluation based on lectures, workshops and discussions.

LAA05KV Animal Breeding Practices (3 ECTS)

Objectives: The student can measure production and select animals for breeding. The student knows the evaluation and breeding methods and technics. The student knows artificial insemination, genomic selection and embryo transfer and evaluates the ethical points and use of those methods.



Content: Breeding plan, breeding traits, methods of breeding, genomic selection, artificial insemination, embryo transfer, improving of animal selection. International breeding.

Study methods: Lectures, assignments, workshops, visits. Digital eLearning tools will be utilized (e.g. Moodle)

Assessment: Individual and group tasks, final exam.

Grading scale: Fail, satisfactory (1-2), good (3-4), excellent (5).

GRECAKV Green Care (5 ECTS)

Objectives: The student

- understands the concept of Green Care
- recognizes the parts of self-regulation in green care and recognizes the legislation related to this sector
- knows the importance of green care as a part of human wellbeing.
- knows green care activities in Finland
- gets skills to utilize green care in services for various clients
- is able to assess how well animals and environment fits in green care activities
- is able to consider the welfare of the animals used in green care activities
- gets skills to plan green care activities
- is aware of the quality factors and the criteria in green care activities on his/her own study field
- is able to define his/her own relationship with nature and recognizes various factors affecting the formation of the relationship with nature
- is able to respect various nature relationships and take their effects into consideration

Core content:

- Concepts of Green Care, basic elements and activities
- Experiential Green Care, safety and responsibilities
- Community spirit, effects on wellbeing, collaboration
- Getting to know Green Care actors
- Planning Green Care activities
- Green Care quality labels



Learning and teaching methods: active participation, assignments, workshops, excursions

Grading scale: Fail, satisfactory (1-2), good (3), very good (4), excellent (5).

Assessment criteria: Active participation, completed assignments, the content of assignments, self-assessment.

Study material: Available in Moodle platform.

LMPR103 Placement (6 ECTS – 20 ECTS)

The placement will be organized according to the aims of the personal learning plan. It can contain working on a farm or in an agricultural organization, in a rural enterprise, a project, a research station or a company related to for instance food processing.

Assessment: Grades: Fail, 1-2 (satisfactory), 3-4 (good), 5 (excellent).

Specialised studies – Health Care

GRECAKV Green Care (5 ECTS)

Objectives: The student

- understands the concept of Green Care
- recognizes the parts of self-regulation in green care and recognizes the legislation related to this sector
- knows the importance of green care as a part of human wellbeing.
- knows green care activities in Finland
- gets skills to utilize green care in services for various clients
- is able to assess how well animals and environment fits in green care activities
- is able to consider the welfare of the animals used in green care activities
- gets skills to plan green care activities
- is aware of the quality factors and the criteria in green care activities on his/her own study field
- is able to define his/her own relationship with nature and recognizes various factors affecting the formation of the relationship with nature
- is able to respect various nature relationships and take their effects into consideration

Core content:

- Concepts of Green Care, basic elements and activities
- Experiential Green Care, safety and responsibilities
- Community spirit, effects on wellbeing, collaboration
- Getting to know Green Care actors
- Planning Green Care activities
- Green Care quality labels



Learning and teaching methods: active participation, assignments, workshops, excursions

Grading scale: Fail, satisfactory (1-2), good (3), very good (4), excellent (5).

Assessment criteria: Active participation, completed assignments, the content of assignments, self-assessment.

Study material: Available in Moodle platform.

LAF03 Food Chain Challenges (5 ECTS)

Objectives: The course focuses on food chain development in multidisciplinary environment. Student is able to plan and realize problem based development task or project in multidisciplinary and international group. Student is familiar with quality management in the whole food chain and knows basics on labeling and traceability in the food chain.

Core content: Quality management in the food chain. Labeling of food products. Traceability in the food chain. Food chain development case.

Assessment: Individual tasks, food chain development case individually and in student teams

Learning and teaching methods: Two contact days containing lecturing and development case introductions. Students work individually and in teams with their cases. Moodle environment for guidance and working.

Grading scale: Fail, satisfactory (1-2), good (3), very good (4), excellent (5).

Assessment criteria: Individual tasks, case.

Study material: Addressed in the beginning of the course

SHPR102 Placement (10 - 30 ECTS)

The placement will be organised according to the personal learning plan. It contains work in hospitals, health clinics and centers and in various organisations or projects related to nursing. The student nurse is able to work closely with the nurse, who is the expert in the clinic. He/she develops self-confidence, improves decision making skills, and learns new clinical skills under the guidance of the mentor.

Assessment: Grades: Fail, 1-2 (satisfactory), 3-4 (good), 5 (excellent).



Specialised studies – Social Services (13 ECTS)

SSMUKAKV Diversified Upbringing of Children (3 ECTS)

Objectives: Students analyze the societal, historical and cultural transfer in the making of conditions of individual identity. They know the meaning of upbringing and living surroundings and social participation for a person and analyze the bond between values, growth and upbringing on life-course.

Content: The connection between the values, changing childhood, societal, historical and cultural conditions of growth and upbringing, education systems and socialization, pedagogical perceptions of upbringing, multidisciplinary co-operation.

Study methods: eLearning, individual study, collaborative study.

Assessment: Grades: Fail, 1-2 (satisfactory), 3-4 (good), 5 (excellent). Study report or essay, virtual tasks.

Study material: Material in virtual surroundings and literature:

The Ministry of Education and Culture <http://minedu.fi/en/frontpage>

Brochures and other materials related to education <http://minedu.fi/en/brochures>

ANTIKAINEN, Ari, HOUTSONEN, Jarmo, KAUPPILA, Juha. & HOUTELIN, Hannu. 2005. Living in a Learning Society: Life-Histories, Identities and Education. London and New York. Routledge Taylor & Francis Group.

SSPÄTYKV Work with substance abusers in social sector

3 ECTS

Objectives: The student

- is able to identify and analyze their own relationship and attitudes towards substance abuse, and their ability to work in drug abuse
- knows the laws governing drug addiction in Finland and other guidelines that support it
- Identifies and understands the addiction phenomenon as an individual, community, and social issue
- recognizes the need for preventive work and early intervention in social work and can address the challenges of substance abuse in support of individuals and families as well as well-being.



- knows the Finnish substance abuse service system and is able to work as part of a multi-professional cooperation network
- is able to guide and support customers and families using substance abuse work methods

Content:

- Substance as a social phenomenon (incl. Substance awareness)
- Key legislation, guidelines and deliverables for intoxicant work
- The importance of preventive substance abuse work and the role of different actors
- Supporting people of different ages through substance abuse work
- Dependence and its manifestation at different stages of life, in different forms and environments
- Substance rehabilitation, substance abuse service system, substance abuse rehabilitation and treatment guidance
- Mini-intervention
- Working methods of intoxicant work in the social field

Study methods: contact lectures

Requirements: Participation in contact lessons, working in small groups, eLearning, theme work, possible exam

Assessment: Grades: Fail, 1-2 (satisfactory), 3-4 (good), 5 (excellent).

SSTYJKV Developing work community and leadership 5 ECTS

Objectives: After completing the course, the student

- can understand legislation that guides organizations, management, and human resource management as well as knows the rights of employees
- can identify new leadership solutions
- knows the importance of employee skills in leadership
- can describe the basics of teamwork and quality management in social and health care services



- can assess the human resources management of the organization and knows how to manage competence
- can use knowledge based on research and different kinds of development methods in improving working life
- make good use of creative problem solving methods to produce new ideas and working methods

Content: organizational culture, concepts referring to management and leadership and their scientific starting points, HRM, work legislation and contracts, organization research, problem analysis, work community skills, development competences, team work, learning organization

Study methods: lectures, teamwork, learning tasks

Assessment: Grades: Fail, 1-2 (satisfactory), 3-4 (good), 5 (excellent).

To pass the examination: participation contact teaching, learning task about supervisory work other learning tasks

Material LAMMINTAKANEN, Johanna. 2011. Personnel as a resource. Competence as a challenge to leadership. In RISSANEN, Sari. & LAMMINTAKANEN, Johanna (ed.) 2011. Social and health management. Helsinki: WSOY pro Oy, 237-258.

NIIRANEN, Vuokko, SEPPÄNEN-JÄRVELÄ, Riitta., SINKKONEN, Merja & VARTIAINEN, Pirkko. 2010. Leadership in the social field. Gaudeamus.

SSMOHAKV Multiprofessional Project Work

3 ECTS

Objectives: After completing the course the student can

- implement research and development projects by applying methods and knowledge of social sector
- work in multiprofessional networks
- use participatory and empowering working methods and create and strengthen community spirit
- develop customer-orientated work methods
- recognize and create sustainable and economic solutions in developing the activities
- is aware of the professional responsibility and the possibilities of influencing



Content: Project implementation, multiprofessional and multisectoral activities. Cooperation and networking with the client and other parties. Principles of innovation and sustainable development.

Study methods: Project implementation according to a personal learning plan. Project planning (Project plan and agreement), participating in online teaching, independent group work, participating in lectures.

Assessment: Grades: Fail, 1-2 (satisfactory), 3-4 (good), 5 (excellent).

GRECAKV Green Care (5 ECTS)

Objectives: The student

- understands the concept of Green Care
- recognizes the parts of self-regulation in green care and recognizes the legislation related to this sector
- knows the importance of green care as a part of human wellbeing.
- knows green care activities in Finland
- gets skills to utilize green care in services for various clients
- is able to assess how well animals and environment fits in green care activities
- is able to consider the welfare of the animals used in green care activities
- gets skills to plan green care activities
- is aware of the quality factors and the criteria in green care activities on his/her own study field
- is able to define his/her own relationship with nature and recognizes various factors affecting the formation of the relationship with nature
- is able to respect various nature relationships and take their effects into consideration

Core content:

- Concepts of Green Care, basic elements and activities
- Experiential Green Care, safety and responsibilities
- Community spirit, effects on wellbeing, collaboration
- Getting to know Green Care actors
- Planning Green Care activities
- Green Care quality labels



Learning and teaching methods: active participation, assignments, workshops, excursions

Grading scale: Fail, satisfactory (1-2), good (3), very good (4), excellent (5).

Assessment criteria: Active participation, completed assignments, the content of assignments, self-assessment.

Study material: Available in Moodle platform.

LAF03 Food Chain Challenges (5 ECTS)

Objectives: The course focuses on food chain development in multidisciplinary environment. Student is able to plan and realize problem based development task or project in multidisciplinary and international group. Student is familiar with quality management in the whole food chain and knows basics on labeling and traceability in the food chain.

Core content: Quality management in the food chain. Labeling of food products. Traceability in the food chain. Food chain development case.

Assessment: Individual tasks, food chain development case individually and in student teams

Learning and teaching methods: Two contact days containing lecturing and development case introductions. Students work individually and in teams with their cases. Moodle environment for guidance and working.

Grading scale: Fail, satisfactory (1-2), good (3), very good (4), excellent (5).

Assessment criteria: Individual tasks, case.

Study material: Addressed in the beginning of the course

SSPR101 Placement (10-30 ECTS)

Objectives: The student analyses and compares the unique situations of people living in different cultures and can observe the needs of social interventions. S/he realizes the meaning of social and regional structures in life situations of families, learns to understand the mechanisms of becoming a client at individual, communal, local, regional and social levels in different cultures. The student recognizes his/her strengths and challenges for developing professional skills in responsible work with clients in multicultural work situations and understands the significance of systematic and target oriented work.

Content: Supervised placement in some of the customer related places of social service.

Assessment: according to the requirements of the home institution



Grades: Pass/Fail