



**SAVONIA**

Savonia University of Applied Sciences  
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# MultiPro 2022

**International Study Module for Future Professionals**

**From January 10 to April 9**

**15-30 ECTS**

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## **MultiPro 2022 - 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 10.1. - 9.4.2022. After that the student can continue with an internship. The theoretical sub-modules are organized mainly from January to April. Internships are organized during or after the theoretical part of the module depending on the degree program. Theoretical studies can be combined with a simultaneous internship in case of teacher training. In other cases, the student chooses either studies or internship or continues with the internship 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 internship according to the wishes and aims of each student. Agricultural students can do their internship until the end of August. The number of credits per each internship 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: 30.10.2021

Welcome to study on the MultiPro Program!

For more information please contact

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<https://www.savonia.fi/en/study-with-us/other-studies/exchange/multipro/>

[www.savonia.fi](http://www.savonia.fi)

[www.iisalmi.fi](http://www.iisalmi.fi)

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



## Curriculum

### MPRO Core studies 12 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
Animal Production and Environment	3 ECTS
Agriculture in Global Context	5 ECTS
Animal Breeding Practices	3 ECTS
Green Care	5 ECTS
English for Working Life	5 ECTS
Internship	6 – 20 ECTS

#### **Health Care:**

Green Care	5 ECTS
Food Chain Challenges	5 ECTS
Clinical Practice	10 – 30 ECTS

#### **Social Services:**

Diversified Upbringing of Children	3 ECTS
Family Work	5 ECTS
Developing work community and leadership	3 ECTS
Multiprofessional Project Work	3 ECTS
Green Care	5 ECTS
Food Chain Challenges	5 ECTS
Internship	10 – 30 ECTS



## Core Studies

### MPR101A Orientation (1 ECTS)

Objectives: The student

- becomes familiar with the Iisalmi Campus and its facilities.
- gets to know fellow students and their culture as well as the Finnish culture and the local study and living environment
- 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

Assessment criteria: Active participation, completed assignments

Grading Scale: Pass/Fail

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. The student can improve their skills in scientific writing by using Microsoft Word. The student also gets hands-on experience with multimedia production by learning image and video processing. Finally, the student 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



Study methods: Lectures, group work, exercises and independent study

Assessment: Active participation, completed assignments

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

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

Study material: Available in Moodle platform

### **MPRO1041 Survival Finnish (3 ECTS)**

Objectives: The student

- can read simple lists like menus, invitations, TV –programs etc.
- can greet and express time and prices in Finnish.
- knows the most common food ingredients in Finnish.
- learns something about local history and/or culture.

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

Study methods: Group work, oral and written exercises, possible excursions

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

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

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

Study material: Available in Moodle / given during the course

### **RAA19KV Research Methodology (3 ECTS)**

Objectives: The student

- knows the basic concepts of research and differing research methodologies.
- can critically interpret research results and are prepared to resolve research problems.
- understands the significance of statistics in empirical research,
- learns 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.

Study methods: Lectures, workshops, meetings

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

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

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

Study material: Distributed via Moodle

## **Specialised studies – Agriculture and Rural Industries**

### **LAF032 Food Chain Challenges (5 ECTS)**

The course focuses on the food chain development in multidisciplinary environment.

Objectives: The student

- can plan and realize problem-based development task or project in multidisciplinary and international group.
- is familiar with quality management in the whole food chain and knows basics on labeling and traceability in the food chain.
- recognises the cultural and social background risk factors of food chain.

Content: Quality management in the food chain. Labeling of food products. Traceability in the food chain. The food chain development case: a topic chosen from food chain subareas such as primary and/or secondary production and/or consumer markets. Underlying values and social phenomena influencing in the food chain. Human security.

Study 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.

Assessment criteria: Individual tasks, case

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

Study material: Addressed in the beginning of the course



## **MPRO1201 Circular Economy in Agriculture (5 ECTS)**

Objectives: The student

- understands the importance and volume of the circulation of biomass in agriculture.
- 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.

Study methods: Lectures, virtual learning, exercises, exams

Assessment: Exercises, final exam

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

Study material: Distributed via Moodle

## **RAP061KV Animal Production and Environment (3 ECTS)**

Objectives: Basic processes in livestock production, techniques in production and the producer's responsibility in the food chain. Environmental conservation in agriculture, focusing on water conservation and biodiversity.

Content: Techniques in livestock production and precision livestock farming. Research in livestock production. Basic functions of lakes and other waterbodies. Methods and technologies of water conservation in agriculture. Improving nutrient cycles in agriculture.

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

Assessment: Individual and group assignments, final exam

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

## **RAA04KV Agriculture in Global Context (5 ECTS)**

Objectives: The student

- recognizes the most substantial global challenges for agriculture.
- knows how to find and utilize reliable international information.



- 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.

### **RAA15KV Animal Breeding Practices (3 ECTS)**

Objectives: The student

- can measure production and select animals for breeding.
- knows the evaluation and breeding methods and technics.
- 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).

### **GRECAKV1 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
- can assess how well animals and environment fits in green care activities
- can 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
- can define his/her own relationship with nature and recognizes various factors affecting the formation of the relationship with nature
- can 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

Study methods: active participation, assignments, workshops, excursions

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

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

Study material: Available in Moodle platform

**RAC02KV English for Working Life (5 ECTS)**

Objectives: The student can

- communicate fluently both orally and literally in English on the required level.
- master the basic vocabulary concerning natural resources and agriculture.
- work in multicultural contexts of rural industries and is aware of the cultural influence on communication.

Content: Basic agricultural vocabulary, presenting skills (presenting own working environment), literature and material of natural resources, cross-cultural communication

Study methods: eLearning, written and oral exercises, seminars, small projects

Requirements: Active participation in lectures and seminars. Exam and completed assignments

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

Course material: Addressed in the beginning of the course



## **RMPR1031 Placement (6 ECTS – 20 ECTS)**

The internship 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**

### **GRECAKV1 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
- can assess how well animals and environment fits in green care activities
- can 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
- can define his/her own relationship with nature and recognizes various factors affecting the formation of the relationship with nature
- can 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

Study methods: active participation, assignments, workshops, excursions

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

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

Study material: Available in Moodle platform



## **LAF032 Food Chain Challenges (5 ECTS)**

The course focuses on food chain development in multidisciplinary environment.

Objectives: Student

- can plan and realize problem-based development task or project in multidisciplinary and international group.
- is familiar with quality management in the whole food chain and knows basics on labeling and traceability in the food chain.
- recognises the cultural and social background risk factors of food chain.

Content: Quality management in the food chain. Labeling of food products. Traceability in the food chain. Food chain development case: a topic chosen from food chain subareas such as primary and/or secondary production and/or consumer markets. Underlying values and social phenomena influencing in the food chain. Human security.

Study 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.

Assessment criteria: Individual tasks, case

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

Course material: Addressed in the beginning of the course

## **SAIHCLP Clinical Practise (10 - 30 ECTS)**

The clinical practise 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 can 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**

### **SSMUKAKV2 Diversified Upbringing of Children (3 ECTS)**

Objectives: Student

- knows the meaning of upbringing and living surroundings and social participation for a person and

- analyzes the bond between values, growth and upbringing on life-course.

**Content:**

- changing childhood
- changing family
- children´s rights
- socialization
- Finnish ECEC and education systems

Study methods: eLearning, individual study, collaborative study

Assessment: Study report or essay, virtual tasks

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

**Study material:**

Convention on the Rights of the Child

<https://www.unicef.org/sites/default/files/2019-04/UN-Convention-Rights-Child-text.pdf>

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.

**SSPERKV Family work (5 ECTS)**

Objectives: Student can

- analyse and assess risks for the development of a child and adolescent and their social impact on the growth and living conditions of children, youth and families
- explain the meaning of early support and intervention in preventive child welfare
- identify needs for support in parenting and evaluation methods of parenting as well as assess needs for early intervention
- apply practices of early support in different in work environments

**Content:**

- Risk factors for the growth and development of a child and an adolescent
- Early recognition and support in child and family services
- Family work environments and family-oriented work methods and practices
- Family dynamics, good enough parenting, evaluation methods of parenting
- Mentalization, reflective work method in support of parenting

Online course: eLearning/100 %

Requirements: Learning tasks, self-assessment



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

Course Material: Available in network environment

### **SSASPEKV Client Work in Social Care (3 ECTS)**

Objectives: The student can

- perceive the client's life situation as part of community and society
- manage the process of client work and related ethical principles and build a confidential client relationship
- take into account the status and rights of a client in client work
- assess his or her own resources as a professional and look for support if needed
- use and apply reflective work practice and dialogic work methods considering the client's life situation

Content:

- Basis of client work and related legislation, confidentiality and professional secrecy
- Client-oriented and empowering work practice
- Client work process, goal orientation and design in client work
- The reflective ability and the basics of mentalisation theory in social work
- Dialogic interaction

Requirements: Participation in contact lessons, collaborative exercises, self- and peer-assessment

The implementation can be specified according to the number of participants.

### **SSKESKV12 Developing work community and leadership (3 ECTS)**

Objectives: 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
- makes 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, teamwork, learning organization

Study methods: lectures, teamwork, learning tasks

Assessment: participation in contact teaching, a learning task about supervisory work, other learning tasks

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

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.

### **SSMOHAKV1 Multiprofessional Project Work (3 ECTS)**

Objectives: The student

- can implement research and development projects by applying methods and knowledge of social sector
- can work in multiprofessional networks
- can use participatory and empowering working methods and create and strengthen community spirit
- can develop customer-orientated work methods
- can 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)



## **GRECAKV1 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
- can assess how well animals and environment fits in green care activities
- can 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
- can define his/her own relationship with nature and recognizes various factors affecting the formation of the relationship with nature
- can 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

Study methods: active participation, assignments, workshops, excursions

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

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

Study material: Available in Moodle platform

## **LAF032 Food Chain Challenges (5 ECTS)**

The course focuses on food chain development in multidisciplinary environment.

Objectives: The student

- can plan and realize problem-based development task or project in multidisciplinary and international group.
- is familiar with quality management in the whole food chain and knows basics on labeling and traceability in the food chain.



- recognises the cultural and social background risk factors of food chain.

Content: Quality management in the food chain. Labeling of food products. Traceability in the food chain. Food chain development case: a topic chosen from food chain subareas such as primary and/or secondary production and/or consumer markets. Underlying values and social phenomena influencing in the food chain. Human security.

Study 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.

Assessment criteria: Individual tasks, case

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

Study material: Addressed in the beginning of the course

## **SSPR1011 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.
- 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.
- 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

Grading scale: Pass/Fail