

LAUREA UNIVERSITY OF APPLIED SCIENCES

Complementary competence (bachelor's studies), Laurea Otaniemi, CCG16SY

1. year

Y	CORE COMPETENCE	
T	COMPLEMENTARY COMPETENCE	135
R027	GUIDANCE AND EXPERTISE TRAINING	
01540	Tutoring	
R023	OTHER COMPLEMENTARY COMPETENCES	
A9344	Basic Studies in Mathematics	
R0226	Participation in Voluntary Work	0
R022	LANGUAGE SKILLS AND INTERNATIONAL COMPETENCE	
G0261	Intermediate Finnish	5
G122	PROMOTING WELLBEING	
G123	REHABILITATION NETWORKS	
G8298	National and Global Rehabilitation Challenges and Effectiveness	
G124	MULTIDISCIPLINARY CUSTOMER WORK COMPETENCE IN THE SOCIAL SERVICES AND HEALTHCARE FIELD	
01468	Phases of Human Life and Development	5
G8318	Professional Interaction with Clients and Patients of Different Ages	5
G126	SOCIAL WORK WITH ADULTS	
P0082	Social sector work carried out with adults	5
G8314	Guidance and counselling in social work with adults	5
G8315	Functional, bodily and creative methods in social work with adults	5
G127	CHILD PROTECTION - YOUNG PEOPLE AND FAMILIES	
G8331	Work with Challenging Children	5
G8332	Work with Young People	5
G8333	Child Welfare Services in Open Care	5
G121	FUTURE EXPERTS IN THE WELFARE SECTOR	
G8329	Innovation project I	5
G8330	Innovation project II	10
G108	LAUREA STARTUP	
G8341	Kickoff StartUp	10
G8319	Future StartUp	5
G8320	Idea StartUp	5
G8321	Business StartUp	5
G8342	Developing StartUp	5
R047	LAUREA STARTUP	
R0282	Idea StartUp	5
R0283	Business StartUp	5
R0284	Developing StartUp	5
R0285	Kickoff StartUp	10
R0362	Growth StartUp	5
0404	THE DEVELOPER OF DIGITAL HEALTH AND WELFARE SERVICES	
01548	The Citizens as Customers of Digital Health and Welfare Services	5

01549	The Digital Environment in Health and Welfare Services and its Ethics and Regulations	5
01550	Digital Service Development and Information Management in Health and Welfare Services	5
		135

R027 GUIDANCE AND EXPERTISE TRAINING, 15 cr

Description:

Expertise is born via guidance activities in the Guidance and expertise module.

Completing this module provides the student with varied expertise in guiding different people in different situations. The student will know how to support the development of both competence and identity, and to advise on the use of different tools. They know which actions promote a sense of community.

Learning process:

Competence as defined in this module can be developed by, for example, taking part in student union activities during study units. The working language can be either Finnish or English.

Responsible persons:

Teija Laamanen

01540 Tutoring, 5 cr

The student is able to:

The Student is able to

- evaluate tutoring from the perspective of their own campus and the campus's educational responsibilities
- provide guidance and advice to new students with regard to Laurea's practices and operational culture
- aware of and have a command of the systems currently in use
- create an expertise profile for themselves and can support new students in building an expertise profile in the kyvyt.fi portal
- know the learning environments on their campus and can, when necessary, represent the campus at different events
- have a command of the work methods related to career planning and are able, together with the teacher tutor, to support new students in themes related to career planning
- act as active promoters of well-being within the workplace and among students

R023 OTHER COMPLEMENTARY COMPETENCES, 15 cr

Description:

The aim of the studies offered in this module is to develop student's basic knowledge and skills. The studies will give basic abilities for the student to be able to manage on his/her studies in his/her field of studies. The student will conduct the appropriate studies from this module according to the initial tests or his/her needs. After completing the studies the student will have gained basic knowledge and skills to develop his/her skills to apply these competences.

Also other studies which develop professional skills can be offered in this module. Studies completed elsewhere can always be placed in this module.

A9344 Basic Studies in Mathematics, 5 cr

The student is able to:

The student is able to

- solve mathematical problems at a level required in the UAS studies.

R0226 Participation in Voluntary Work, 0 cr

Study unit description:

The student participates in voluntary work during his/her studies. As a volunteer the student develops his/her general working life competences, professional competences and competence related to social /societal themes.

The competence is acknowledged as part of the other studies.

R022 LANGUAGE SKILLS AND INTERNATIONAL COMPETENCE, 15 cr

Description:

The aim of the study units in the module is to develop language skills and international competence needed at work.

After completing the module the student has developed his/her ability to work in multicultural working environments.

Learning process:

The competences described in the module can be developed either by participating in study units or working in projects. Please note that in some education forms projects are the primary way of gathering credits.

In the projects you participate in the development work of domestic or international businesses and communities and in project work. The language used in the project can be either Finnish or English. Projects can also focus on developing the student's own business. The topic of the project and the competences developed by participating in it will be clarified when the project is added to the study offer. The scope of the project will be agreed on in each case. The competences generated in the projects can partly be included in the learning outcomes of some other module(s) and thus the credits can be divided between several modules.

Responsible persons:

Leppävaara: Sirpa Rakkolainen

G0261 Intermediate Finnish, 5 cr

The student is able to:

communicate in more formal situations,
develop her/his Finnish skills for work-related purposes

Contents of the study unit:

How can my Finnish vocabulary and grammar related to studying and working life be developed?

Study unit description:

The course will develop the students' Finnish language skills for professional purposes in order to reach level B1 according to the Common European Framework

Previous studies:

Intermediate level of Finnish language

G122 PROMOTING WELLBEING, 30 cr

Description:

The objective of the module is for the student to be able to evaluate and develop physiotherapy as a part of his/her client's wellbeing.

After completing the module the student is able to extensively apply different physiotherapy assessment and exercise methods. The student is able to evaluate and develop his/her own competence, as well as services from a multidisciplinary perspective in the client's different operating environments. The student is able to foresee future challenges to wellbeing and create solutions.

Learning process:

The competences described in the module can be developed either by participating in study units or working in projects. Please note that in some education forms projects are the primary way of gathering credits.

In the projects you participate in the development work of domestic or international businesses and communities and in project work. The language used in the project can be either Finnish or English. Projects can also focus on

developing the student's own business. The topic of the project and the competences developed by participating in it will be clarified when the project is added to the study offer. The scope of the project will be agreed on in each case. The competences generated in the projects can partly be included in the learning outcomes of some other module(s) and thus the credits can be divided between several modules.

Responsible persons:

The module is no longer offered.

G123 REHABILITATION NETWORKS, 15 cr

Description:

The objective of this module is to develop the student's expertise in international rehabilitation networking.

After completing the module the student is able to act in national and international rehabilitation networks. The student is able to evaluate the challenges and develop the effectiveness of physiotherapy, as well as develop the operations in the field of physiotherapy networks.

Learning process:

The competences described in the module can be developed either by participating in study units or working in projects. Please note that in some education forms projects are the primary way of gathering credits.

In the projects you participate in the development work of domestic or international businesses and communities and in project work. The language used in the project can be either Finnish or English. Projects can also focus on developing the student's own business. The topic of the project and the competences developed by participating in it will be clarified when the project is added to the study offer. The scope of the project will be agreed on in each case. The competences generated in the projects can partly be included in the learning outcomes of some other module(s) and thus the credits can be divided between several modules.

Responsible persons:

The module is no longer offered.

G8298 National and Global Rehabilitation Challenges and Effectiveness, 5 cr

The student is able to:

The student is able to

- recognise and describe national and global rehabilitation challenges.
- apply the principles of sustainable development in his/her own work
- evaluate the effectiveness of rehabilitation and develop operations in a multidisciplinary and multicultural operating environment

Previous studies:

Studies in physiotherapy.

G124 MULTIDISCIPLINARY CUSTOMER WORK COMPETENCE IN THE SOCIAL SERVICES AND HEALTHCARE FIELD, 30 cr

Description:

The core purpose of the module is for students to gain an understanding of human growth and development and of life's different stages.

After completing the module, the student is able to support the creation of an interactive relationship between people of different ages. The student is able to improve a customer's potential to develop his/her own personality and skills. The student is able to utilise various multidisciplinary methods when guiding activities according to a customer's needs.

Learning process:

The competences described in the module can be developed either by participating in study units or working in projects. Please note that in some education forms projects are the primary way of gathering credits.

In the projects you participate in the development work of domestic or international businesses and communities and in project work. The language used in the project can be either Finnish or English. Projects can also focus on developing the student's own business. The topic of the project and the competences developed by participating in it will be clarified when the project is added to the study offer. The scope of the project will be agreed on in each case. The competences generated in the projects can partly be included in the learning outcomes of some other module(s) and thus the credits can be divided between several modules.

Responsible persons:

The module is no longer offered.

01468 Phases of Human Life and Development, 5 cr

The student is able to:

The student is able to

- assess and support resources of health
- assess and support growth and development of clients in different ages.

G8318 Professional Interaction with Clients and Patients of Different Ages, 5 cr

The student is able to:

The student is able

- to support bonding and attachment between parents and the infant
- to support the growing interaction between parents and their children
- to develop in professional interaction
- to analyze his/her skills of professional interaction
- to describe and analyze the influencing factors in the process of professional interaction

G126 SOCIAL WORK WITH ADULTS, 15 cr

Description:

The students will develop their theoretical and methodological skills in social work with adults. In the study units of this module, the students improve their capabilities in using methodological approaches with and applying these approaches to different people in different life situations in order to support their inclusion.

The students can develop their competence by taking part in study units or working in projects. In project work, the students will participate in the development efforts and project activities of Finnish and international companies and organisations. The project topic and the competence to be acquired through it will become clearer in accordance with the students' interests, and their extent will be decided on case-by-case basis.

Responsible persons:

The module is no longer offered

P0082 Social sector work carried out with adults, 5 cr

The student is able to:

After completing this module, students can:

- identify the multifaceted nature of vulnerability and exclusion

- analyse the individual, community-related and social factors behind marginalisation, vulnerability and exclusion
- understand theoretical bases and working orientations of social rehabilitation

G8314 Guidance and counselling in social work with adults, 5 cr

The student is able to:

After completing this module, students can:

- apply their knowledge and skills in crisis work, mental health work, and in intoxicant abuse, crime prevention and multicultural work.
- apply, in customer work, working methods that promote the customer's inclusion and empowerment

G8315 Functional, bodily and creative methods in social work with adults, 5 cr

The student is able to:

After completing this module, students can:

- apply, draw on and use functional, bodily and creative art-based methods in social work with adults
- improve their knowledge and capabilities in the application of these methods.

G127 CHILD PROTECTION - YOUNG PEOPLE AND FAMILIES, 15 cr

Description:

Students completing this module will develop their knowledge and competencies in working with children, young people, and families from the perspective of strengthening client participation. Students will be capable of working as a social worker in a psycho-social setting. Furthermore, students will become familiar with the working methods, procedures, and processes involved in child protection work and be capable of engaging with young people and families in various professional settings. The students will also be able to reflect on their own knowledge and understanding of the work in this area.

The module is worth between 15 and 30 ECTS.

Responsible persons:

The module is no longer offered

G8331 Work with Challenging Children, 5 cr

The student is able to:

The student is able to

- assess a child's or youth's special needs
- work in institutional care that support children

G8332 Work with Young People, 5 cr

The student is able to:

The student is able to

- assess a young person's needs
- support young people with different methods, including the work in Internet

G8333 Child Welfare Services in Open Care, 5 cr

The student is able to:

The student is able to

- assess what type of support the child and family require
- work in accordance with the Child Welfare Act and principles of child welfare
- use the work methods in open care in an appropriate way

G121 FUTURE EXPERTS IN THE WELFARE SECTOR, 15 cr

Description:

The module produces competence, which makes it possible for the student to develop services and service models in the welfare sector.

After completing the module, the student is able to describe and evaluate the expertise that the welfare sector will require in the future. The student is able to evaluate changes in the operating environment, as well as the changes required in services and service models. The student is able to develop and apply different working methods when developing future services and service models as a part by participating in projects oriented towards working life.

Learning process:

The competences described in the module can be developed either by participating in study units or working in projects. Please note that in some education forms projects are the primary way of gathering credits.

In the projects you participate in the development work of domestic or international businesses and communities and in project work. The language used in the project can be either Finnish or English. Projects can also focus on developing the student's own business. The topic of the project and the competences developed by participating in it will be clarified when the project is added to the study offer. The scope of the project will be agreed on in each case. The competences generated in the projects can partly be included in the learning outcomes of some other module(s) and thus the credits can be divided between several modules.

Responsible persons:

Otaniemi: Anu Nordlund-Knuutila

G8329 Innovation project I, 5 cr

The student is able to:

- the student is able to describe and evaluate the expertise that the welfare sector will require in the future.
- The student is able to evaluate changes in the operating environment, as well as the changes required in services and service models.

G8330 Innovation project II, 10 cr

The student is able to:

The student is able to develop and apply different working methods when developing future services and service models as a part by participating in projects oriented towards working life with multiprofessionals teams

G108 LAUREA STARTUP, 15 cr

Description:

The objective of the module is that the student is able to evaluate and develop his/her entrepreneurial skills, is able to assess his/her business idea and draw up a business plan on the basis of his/her business idea. The goal is also that he is familiar with entrepreneurial social obligations and opportunities.

If a student is interested in starting his/her own business, the objective is that the student is able to do so in practice and knows how to prepare for early-stage entrepreneurial challenges. Student is able to analyze and to utilise financial and operational performance information in his/her business. Students can complete 15–30 credits in the module with the aim of developing their entrepreneurial skills or their own company.

Learning process:

The competences described in the module can be developed either by participating in study units or working in projects. Please note that in some education forms projects are the primary way of gathering credits.

In the projects you participate in the development work of domestic or international businesses and communities and in project work. The language used in the project can be either Finnish or English. Projects can also focus on developing the student's own business. The topic of the project and the competences developed by participating in it will be clarified when the project is added to the study offer. The scope of the project will be agreed on in each case. The competences generated in the projects can partly be included in the learning outcomes of some other module(s) and thus the credits can be divided between several modules.

Responsible persons:

Otaniemi and Leppävaara: Marjo Ruuti
Hyvinkää: Maija Huhta
Lohja: Riku Riski

G8341 Kickoff StartUp, 10 cr**The student is able to:**

After completing this study unit, students will understand why businesses have a constant need for agile business development, and for validating their business models and products in the market and with the customers.

Students will understand the requirements for Startup -funding, and the differences between applying and receiving public and private sources of funding.

Students will understand the purpose of a team, its members' different roles and its strengths for a growth-seeking Startup company.

Contents of the study unit:

Kickoff StartUp-opintojakso on erikseen sovittava opintokokonaisuus start-up yrityksen liiketoiminnan käynnistämiseen ja sen rahoitukseen liittyen.

Opintojakson aikana yrityksen liiketoimintaa kehitetään ketterän kehityksen metodeja käyttäen asiakaslähtöisellä liiketoimintamallilla ja tuotteita testaten. Tavoitteena on Business Model Canvasin kirkastaminen sekä rahoitussuunnitelman tekeminen tai muu erikseen sovittava liiketoiminnan käynnistämiseen ja kehittämiseen liittyvä kokonaisuus – esim. tiimin kehittäminen, rahoitus/taloushallinto, asiakashankinta, koemarkkinointi. Kaikki lähtee yrityksen/tiimin tarpeista.

Opintojakso toteutetaan kehittämisohjelman muodossa, jolloin opiskelija start-up /tiimi saavat henkilökohtaista sparrausta ja neuvontaa.

Sparrauksen lisäksi opiskelijalle on tarjolla mahdollisuuksia verkottua eri startup-ympäristön toimijoihin sekä kontakteja rahoittajiin. Verkoston kautta on myös tarjolla koulutuksia ja erilaisia työkaluja yritystoiminnan aloittamiseen ja pyörittämiseen.

G8319 Future StartUp, 5 cr**The student is able to:**

Student is able to:

- recognise and develop their own competence and evaluate competence required in entrepreneurship

- recognise entrepreneur-like activities in the working community and utilise extensive competence in business activities and work contexts
- develop and expand their personal networking skills and understand the importance of central stakeholders to their company

G8320 Idea StartUp, 5 cr

The student is able to:

The student is able to:

- utilise different methods for generating ideas when developing business activities
- form a team around one's own idea and/or work as a team member in an entrepreneurial way
- recognise and evaluate clients' problems and develop their idea in collaboration with the client/clients
- develop, describe, present and assess their own business idea

G8321 Business StartUp, 5 cr

The student is able to:

The student is able to:

- formulate and develop their own idea into a business model
- utilise their own network in planning the business model
- test the functionality of their own business model on clients
- present their own business idea to different stakeholders
- build client contacts and possibly acquire clients to their own business

G8342 Developing StartUp, 5 cr

The student is able to:

Students will understand, and have the ability to develop a company's business model, the procedures of which will be agreed with the mentor, according to recognized development needs. The presumption is that participants have already completed the Future-, Idea- and Business StartUp –study units.

Contents of the study unit:

Developing StartUp-opintojakso on erikseen sovittava opintokokonaisuus yrityksen liiketoiminnan jatkokehittämiseen ja tiimin täydentämiseen.

Opintojakson aikana yrityksen liiketoimintaa kehitetään edelleen asiakaslähtöisesti. Tavoitteena on esimerkiksi Business Model Canvasin tiettyjen osa-alueiden kehittäminen, jotta opiskelija/tiimi täyttää edellytykset päästä Kick-off StartUp ohjelmaan. Tavoitteena voi myös olla esimerkiksi liiketoiminnan kansainvälistyminen. Kaikki lähtee yrityksen/tiimin tarpeista.

Opintojakson aikana opiskelija/tiimi saavat henkilökohtaista sparrausta ja neuvontaa.

Sparrauksen lisäksi opiskelijalle on tarjolla mahdollisuuksia verkottua eri startup-ympäristön toimijoihin kanssa. Verkoston kautta on myös tarjolla koulutuksia ja erilaisia työkaluja yritystoiminnan kehittämiseen.

R047 LAUREA STARTUP, 15 cr

Description:

The aim of the module is that the student is able to evaluate and develop his or her own entrepreneurial qualifications and that s/he creates business ideas, models and plans. The aim is also that he is able to identify entrepreneurial obligations and opportunities in society.

The aim is that student is able to understand the requirements when applying funding from public and private

sources and the need of agile development and s/he is able to apply lean start-up model in practice.

The goal is that the student establish and develops a startup company or develops an existing company further. When establishing the business s/he recognizes the challenges in the early stages or entrepreneurship and can make financial calculations and analyze financial and operational information. The students understands the challenges in growth and internationalization and can develop the operations accordingly.

The module consists of 15-30 credits to develop entrepreneurial competences or to develop own business. The Module can be extended by integrating training, thesis, generation change, or internationalization courses in the studies.

Learning process:

The competences described in the module can be developed either by participating in study units or working in projects. Please note that in some education forms projects are the primary way of gathering credits.

In the projects you participate in the development work of domestic or international businesses and communities and in project work. The language used in the project can be either Finnish or English. Projects can also focus on developing the student's own business. The topic of the project and the competences developed by participating in it will be clarified when the project is added to the study offer. The scope of the project will be agreed on in each case. The competences generated in the projects can partly be included in the learning outcomes of some other module(s) and thus the credits can be divided between several modules.

Responsible persons:

Otaniemi ja Leppävaara: Marjo Ruuti

Hyvinkää: Maija Huhta

Lohja: Riku Riski

R0282 Idea StartUp, 5 cr

The student is able to:

The student is able to:

- develop networking skills and recognize the importance of the essential interest groups to the success of the enterprise
- develop, document, present and analyze business ideas
- build up the team around one's idea and act entrepreneurially as a team member
- utilize various ideation and business development methods
- recognize and analyze customer problems and needs, create value based on understanding of customer needs, validate and develop the business idea together with the customers

R0283 Business StartUp, 5 cr

The student is able to:

The student is able to

- create and develop business models and plans
- utilizes the necessary networks in developing process
- test and validate the business model and logics with real customers
- present and argument the business model and logics to various target groups
- create contacts and customer base for the startup

R0284 Developing StartUp, 5 cr

The student is able to:

The student is able to

- develops the business model further based on recognized needs and gaps

R0285 Kickoff StartUp, 10 cr

The student is able to:

The student is able to

- develop business in an agile way and applies lean start-up model in practice and validates the business model and the offering constantly in real market situation
- demonstrate the requirements when applying funding from public and private sources
- argue the importance of the team and different roles and competences of the team members from the perspective of growth oriented startup-company

R0362 Growth StartUp, 5 cr

The student is able to:

The student is able to

- grow his/her business understanding thoroughly frameworks and theory
- model organic growth and with acquisitions
- plan how his/her start-up can grow
- form frame and assumptions for the growth model

0404 THE DEVELOPER OF DIGITAL HEALTH AND WELFARE SERVICES, 15 cr

Description:

It starts with the unit where the main content is the citizen as customer in digital health and welfare services and how professionals are communicating in a digital environment. Then comes the study unit about digital health and welfare environment's with ethics and regulation in healthcare. At last comes the service design study unit, that will increase participant's competences about customer oriented user centered service design and co-creation process.

Responsible persons:

Otaniemi: Mikko Julin and Tuula Saarnio

01548 The Citizens as Customers of Digital Health and Welfare Services, 5 cr

The student is able to:

The Student is able to

- recognize and use e-Health and welfare services as they are today and recognize trends in future.
- discuss and describe what "citizen as customer of health and welfare services" means.
- empower customers to participate in their own health and welfare service in digital area.
- identify the need for professional-level communication in digital environments.
- guide the citizens in using digital eHealth and eWelfare service.

01549 The Digital Environment in Health and Welfare Services and its Ethics and Regulations, 5 cr

The student is able to:

The Student is able to

- understand basic health and social care informatics
- understand basic methods of technical informatics/computer science,
- understand and apply principles of evidence-based practice and evidence based clinical pathways
- understand and apply legal knowledge of confidentiality, IT-security and patient data privacy and protection

Contents of the study unit:

This study unit deals with health informatics and the general process of digitalization in health and welfare and the laws and regulations surrounding it.

- Partnership countries health and welfare environment, health and welfare informatics environment ex. Kanta services, Estonian X-Road
- How to store data, share data, refine data different databases
- Ethics, laws and regulations and customer safety data privacy and security
- Structural data, health and social classifications, the basic elements of support of decision making systems

01550 Digital Service Development and Information Management in Health and Welfare Services, 5 cr**The student is able to:**

The Student is able to

- understand user centered service design and multi professional development process to digital services
- be able to applied future orientation and solutions centric working habits
- to understand different kind of data sources and structures and future possibilities to utilize data analytics for citizens' health promotion

Contents of the study unit:

The content of study unit

- service design process
- user centered approach
- future orientation and creative working habits
- project management and online collaboration
- databases and health information system usage and security
- Image analysis (Xray, brainscans, etc.) & remote diagnostics
- Internet of Things/sensor technology/wearables growing, so much more data available from individuals (MyHealth-data).
- Analytics and visualization

Study unit description:

This study unit deals with the development of digital services and the creation of competence in service design process. In the group-works there are lots of variations of service - service design, digital service, healthcare service. The aim of this study unit is to give future professionals skills in developing improved e-Health services. The point is give orientation and create interest to this topics.