

LAUREA UNIVERSITY OF APPLIED SCIENCES

Complementary competence (bachelor's studies), Laurea Tikkurila, CCV15SY

INTRODUCTION TO LAUREA

Laurea's Mission

The strategic intent of Laurea University of Applied Sciences is to be "an international developer of well-being and competitiveness of the Helsinki Metropolitan area in 2020".

Laurea is a student-centred, international, inspiring and innovative university of applied sciences whose mission is to conduct education, research, development and innovation activities in international value networks following the action model of Learning by Developing (LbD).

The students will encounter authentic workplace actors and their competence will be challenged during their studies. A student graduating from Laurea will be able to act in new situations, anticipate future trends, develop new operating models and examine the world with open eyes. Laurea's mission is to be an internationally networked university of applied sciences with an operating method that creates links between learning and the working life. This way, new competence will be produced and service innovations generated.

Competence Development

At Laurea our focus is on the student, emphasising the student's freedom and responsibility. The students are offered an opportunity to develop their competence as required by their professional goals. Freedom means that the learning outcomes may be achieved through different modes of studying. Responsibility means an active approach to studying, responsibility for your own choices and a constructive and motivated attitude towards doing things together. Laurea's staff is responsible for supporting and guiding the student's professional growth.

Internationality at Laurea means numerous opportunities for being active in various multicultural settings, developing your language skills, going on student exchanges and taking part in international research and development (R&D) projects.

Laurea's strategic research areas are based on strong expertise on which the education offered by Laurea is based. Strategic research areas are health and societal integrity, comprehensive security and service business. Student entrepreneurship is supported and entrepreneurship is visible in Laurea's activities not only as an entrepreneurial attitude and cooperation with companies but also as concrete new businesses that the students may set up even before completing their studies.

Laurea produces experts for the future who can develop their own work, are professionally committed and have capabilities for serving in expert tasks in their own fields.

The education aims for an extensive and strong professional competence. Workplace driven projects also develop management competence, communication skills, creativity and ethical competence. The graduates will have capabilities for following and promoting the development of their professional fields and for continuous improvement of their personal professional competence. The education imparts the students adequate communication and linguistic skills for tasks in their fields as well as for international activities and cooperation.

LEARNING BY DEVELOPING (LbD)

Laurea's inspiring and innovative learning environments are based on the model of Learning by Developing. The idea of Learning by Developing is built around authentic encounters with the working life. The ensuing cooperation is based on trust and creativity.

The students learn to identify targets for workplace and competence development, to create new solutions, products and operating models and to develop their own action in observance of changing workplace requirements. The typical characteristics of LbD include authenticity, partnership, experiential nature, creativity and a research-oriented approach.

Learning by Developing combines learning that produces competence with creativity through various research and development projects. Learning builds on new opportunities that open up as the project progresses. The required competence is accumulated through practical activities in various workshops and labs.

DEGREE STRUCTURE IN EDUCATION LEADING TO A UNIVERSITY OF APPLIED SCIENCES DEGREE

Scope and Extent of the Degree

The scope of a Bachelor's degree in Business Administration, Hospitality Management, Beauty Care, and Health Care (physiotherapist, nurse) is 210 credits, and it takes on average 3.5 years to complete. The scope of a Bachelor's degree programme in Health Care (public health nurse) is 240 credits, and it takes on average 4 years to complete.

In line with the international ECTS standard, one credit corresponds with 26.7 hours of work for an average student.

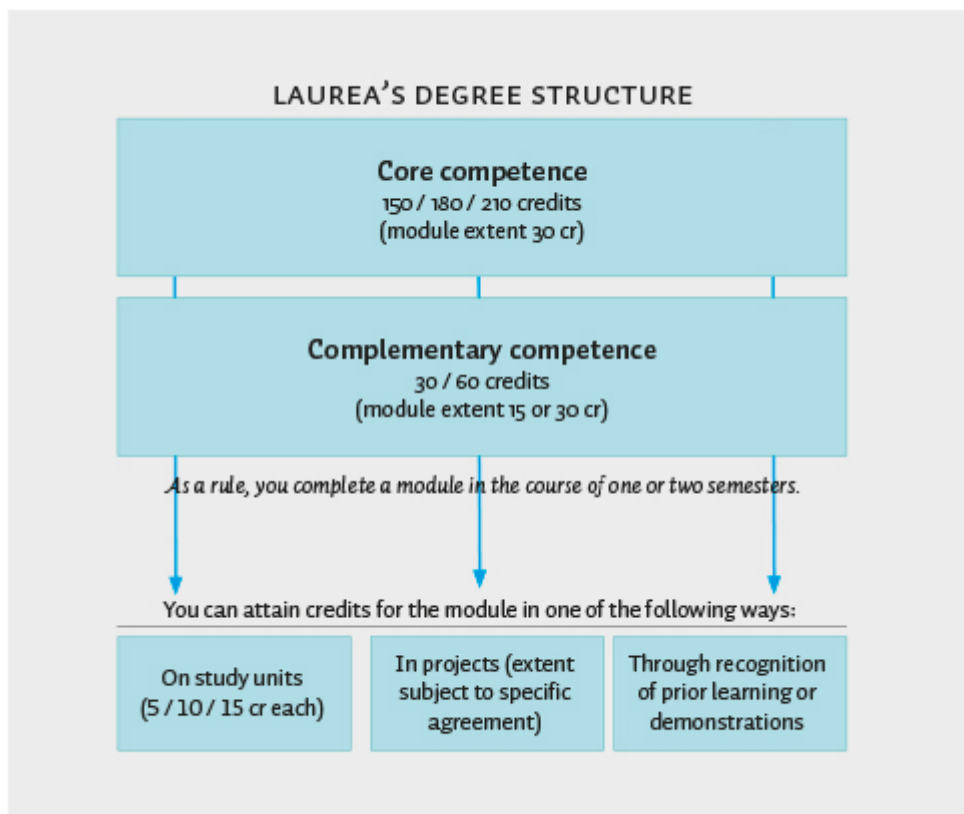
Degree Structure

The degree studies at Laurea consists of core competence and complementary competence modules. The modules comprise competence areas that are part of the degree. Core competence modules impart competence that is part of the degree's compulsory requirements. Complementary modules make it possible to deepen or extend your knowledge.

Learning is made relevant to workplace development and the student's personal goals. The learning outcomes specified for the modules build on future workplace needs and Laurea's focus areas.

In practice, credits are attained when the student complete study units that are part of the module or engage in projects in which the corresponding competence area is develop (see picture 1). Credits can also be gained through recognition of prior learning or demonstrations.

The modules have been designed so that they can mainly be completed in the course of one or two semesters. Studies can be implemented either in Finnish or in English. The language of the implementation is decided for each semester and is visible in the study offering.



Picture 1. Structure of the studies.

Core Competence and Complementary Competence Modules

Core competence modules lay the foundation for the competence required for a degree and are compulsory. The scope of the core competence varies depending on the degree:

- 150 credits for a Bachelor of Business Administration, a Bachelor of Hospitality Management, a Bachelor of Social Services, a Bachelor of Health Care (physiotherapist) and a Bachelor of Beauty Care degree
- 180 credits for a Bachelor of Health Care degree (nurse)
- 210 credits for a Bachelor of Health Care degree (public health nurse)

The scope of **core competence modules** is 30 credits. The modules contain the following types of studies: basic studies, professional studies, practical studies and a Bachelor's thesis.

The remaining part of the degree consists of **complementary competence modules**. Depending on the degree, the scope of the complementary competence thus is 30 or 60 credits. The scope of a module is either 15 or 30 credits. The modules can be freely selected. Complementary competence modules support individual study paths and competence. You can include in your degree complementary competence modules that are compatible with your professional goals. The compatibility of the elective studies with your degree will be subject to prior agreement with your teacher tutor.

Complementary modules include the following types of studies: professional studies, practical studies and elective studies.

Flexible Possibilities for Completing Attainments and Specialising

At Laurea, there are flexible possibilities of building up the competence specified in the modules' learning outcomes. For example, the student can

- select core competence studies offered on Laurea's different campuses

- select complementary competence modules that support your professional goals in Laurea's various campuses
- select English studies from Laurea's offer of English education, even if you are studying in Finnish education,
- select Finnish studies from Laurea's offer of Finnish education, even if you are studying in an English education.
- select studies taught in Finnish from Laurea's offer of Finnish education
- include in your degree studies offered by the offer of the FUAS Federation that is from HAMK University of Applied Sciences and Lahti university of Applied Sciences, without paying fees
- select online studies that give you more flexibility in your study schedules, and
- develop your competence by taking part in projects and
- utilize work-based learning.

The study unit implementation plans specify the objectives, content and implementation form of the studies.

The development of a student's individual competence is also supported by campus modules, the contents of which emphasise the special competence areas of the campuses. In addition, you can deepen or extend your competence by your selections of complementary competence modules, placements and the theme of your thesis, and by participating in various projects. Career guidance will be provided to support a student on his or her study path.

ASSESSMENT OF LEARNING AND COMPETENCE

In the curriculum, the learning outcomes are described as the learner's actions, so that the development of competence can be assessed with reference to the set goals. Competence is identified as knowledge, skills and values related competence as well as experiential competence that includes the competence of an individual and a community. The competence descriptions in the curriculum draw on Bloom's taxonomy, where the development of competence is described at six different levels: knowledge, comprehension, application, analysis, synthesis and evaluation/creativity.

Following Laurea's LbD model, it is expected that the learner's competence will develop from the level of application to the level of creativity in the course of the education. Laurea's description of shared general criteria for workplace competence is based on the National Quality Framework. General workplace competence develops as the students complete modules and study units and participate in projects.

Table 1. Shared criteria for generic working life competence at Laurea

Description of competence	Learning outcome	Examples
REFLECTION COMPETENCE <i>learning skills (EQF)</i> Assessment and development of the learner's personal competence and that of others in order to achieve the learning outcomes	• is able to solve problems associated with his/her role, operating methods and competence in a goal-oriented manner to reach a target	• changes his/her operating methods and role, and develops his/her competence as the development process progresses in order to reach the objectives and the goal set for the project. • brings up the views put forward by experts that he/she appreciates as the project progresses
	• is able to analyse the implemented operating methods and the actors' competence and, based on this analysis, is able to draw conclusions together with other actors in order to achieve a shared goal	• in a goal-oriented manner, compares different perspectives together with other project actors
		• models a development project as a whole from the perspective of impact

	is able to compare and develop the operating methods of various actors, the set objectives and goal and the entire process, and to create a new operating model	
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ETHICAL COMPETENCE	- is able to follow the principles of equality and fairness - is able to apply the underpinning values and principles of vocational ethics typical of his/her field to his/her actions - is able to apply the principles of sustainable development (environmental, social and financial responsibility) - acts as a responsible global citizen	- follows the agreed operating methods - is considerate to others, gives space to other people's ideas and listens - complies with the rules (including schedules), is committed to work, is careful, reliable and fair, respects the work of others, shows discretion and behaves appropriately in each situation - understands that local actions may also have international impacts and vice versa
	- accepts responsibility for his/her own actions - accepts responsibility for the actions of the group	- recognizes conflicts associated with choices - compares and takes into consideration different viewpoints, is able to let go of selfish needs in order to achieve a common good - shows appreciation for the work and outputs of others, for example by citing the original sources
	draws on his/her competence to have an impact in society (LbD regional development)	designs/develops customer/client-oriented and sustainable solutions including a financial, social and environmental aspect

COMMUNICATION COMPETENCE (IN WORK COMMUNITY) <i>The student is able to act appropriately in various work-related communication and interactive situations: the student uses diverse communication channels in various situations, exchanges messages and maintains interaction with others.</i>	is able to communicate appropriately in interactive situations of the work community and communicate in inter-cultural situations	- observes the communication requirements and capacities of the project - by his/her personal action, promotes a constructive atmosphere (appropriate, constructive criticism) - values, listens to and respects different communicators and cultures and linguistic diversity - applies his/her communication competence to different people - communicates in a foreign language - uses ICT in his/her tasks
	is able to communicate responsibly as part of a multi-disciplinary work community / network	- communicates to promote well-being in the community - acts as an active and goal-oriented partner in cooperation and networks globally

	• is able to organise communications in a work community • is able to evaluate communication competence needed in multicultural cooperation • is able to evaluate the impacts and possibilities of internationalisation development	• shares information and takes initiative in disseminating information on the project's progress using various communication channels • finds solutions to communication challenges • constructs and organises network partnerships in cooperation with project actors
	• is able to renew communication modes • is able to direct communications • is able to develop working life connections and networks • is able to have an impact in society by communicating about project outcomes	• has the courage to challenge him/herself and others to act • tolerates uncertainty, incompleteness and the possibility of failing in communication situations • acts professionally, interprets and controls emotions in critical interactive situations • builds and develops online partnerships independently • uses renewing modes of communication

INNOVATION COMPETENCE	• is able to identify elements needing change in working life / a project • is able to use appropriate project and R&D methods • is able to apply a development-oriented work approach in an RDI project	• obtains and processes knowledge in his/her field in relation to the RDI project • brings up practicable development ideas emerging from the project
	• is able to organise an RDI project • is able to analyse and interpret an innovation process applying existing international knowledge	• documents and reports: describes knowledge or operating methods that renew working life in line with the project targets • brings up international standards and practices relevant to the field and follows them • has the courage for constructive questioning
	• is able to create new working methods by using creative problem-solving and finds customer/client -oriented, sustainable and cost-effective solutions	• suggests and implements solutions bravely and creatively, justifies his/her point of view • has visions of future (foresight, ability to also see the past) • is creative

MANAGEMENT COMPETENCE Management comprises goal-oriented, interactive social activity. Management guides the way people act. The aim of management is that a group	• is able to draw on the basics of management and entrepreneurial operation as part of project work	• recognizes his/her role in order to manage his/her own actions in the project • identifies the goals of the project and sets goals for him/herself
	• is able to lead a development project as a Project Manager	

	is able to promote a communal spirit among those participating in a development project by personal example	- draws up a project plan (legal and financial aspects) - communicates about decisions and project changes, solves communication and interaction problems - plans and implements a budget - organises project activities and allocates responsibilities and tasks to actors - supports the actors' development as Project Manager - makes decisions in unexpected situations - identifies risks and takes steps to find a solution - monitors and evaluates the project in comparison to the plan
	- is capable of proactive management - is able to generalise management competence produced in a development project in working life development	- has visions of future - renews management culture

Study units are graded on a scale of 0 to 5, as follows:

5 (Excellent),
4 (Good),
3 (Good),
2 (Satisfactory),
1 (Satisfactory) and
0 (Fail).

Some study units or parts can also be graded simply as Pass/Fail (H/0).

The students will be informed of the criteria for assessing competence at the beginning of each study unit/project. In the planning of the assessment, shared assessment criteria applicable to initial stage and graduation stage students are utilised, with shared descriptions for levels 1, 3 and 5.

Table 2. Shared assessment criteria for initial stage and graduation stage students

BACHELOR'S DEGREE	INITIAL STAGE STUDENTS	GRADUATION STAGE STUDENTS
EXCELLENT grade 5 Students are able to:	- Apply professional concepts expertly. - Comply with occupational safety instructions responsibly and independently. - Justify activities using research knowledge.	- Apply professional concepts expertly and extensively, and manage the big picture. - Develop occupational safety of their operating environment. - Develop operating methods by comparing, combining and selecting research knowledge.

	• Work independently and take initiatives in line with objectives. Operations are often flexible, systematic, development-oriented, creative and active. • Select the appropriate techniques and models for activities, and justify the choices. • Act in customer/client-oriented ways and according to the situation. • Promote group activities. • Able to critically apply ethical principles in the subject field in one's conduct and tasks.	• Work independently and innovatively in line with objectives. Activities are mostly creative, focused on developing the workplace and distinctly professional. • Select, combine and develop appropriate techniques and models for activities. • Take initiatives and act responsibly in customer/client relations, and understand the meaning of customer/client relationships for the big picture. • Develop and renew activities of multidisciplinary teams. • Critically apply ethical principles in the subject field in complex and unanticipated situations.
GOOD grade 3 Students are able to:	• Apply professional concepts systematically. • Apply occupational safety instructions in their activities. • Justify, compare and analyse their activities using general guidelines. • Able to cope independently in different tasks in each operating environment. • Apply acquired techniques and models diversely. • Act professionally in customer/client situations. • Work in a group in line with objectives. • Justify their activities in accordance with ethical principles..	• Apply professional concepts expertly. • Take care of occupational safety for themselves and the work community, and perceive development objects. • Select methods of operation in accordance with research knowledge and guidelines. • Work systematically and critically in line with objectives in complex situations. Operations are often flexible, systematic, creative and active. • Select the appropriate techniques and models for activities, and justify the choices. • Prioritise and maintain customer/client relationships. • Promote group activities. • Critically apply ethical principles in the subject field in one's conduct and tasks.

SATISFACTORY, grade 1 Students are able to:	• Apply most important/individual and appropriate professional concepts, and indicate their familiarity with the knowledge base. • Act safely, although activities are often schematic/ experimental/ fumbling/ self-involved. • Comply with rules and instructions, and justify their activities using provided instructions. • Act appropriately under guidance. • Use acquired techniques and models.	• Apply professional concepts systematically. • Comply with occupational safety instructions responsibly and independently. • Justify and analyse their activities using general guidelines and in accordance with evidence-based information. • Act professionally and responsibly in unanticipated customer/client and problem situations.
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	• Take customers/clients into account in their actions. • Act as group members. • Act in accordance with ethical principles.	• Work independently in different tasks in each operating environment. • Apply acquired techniques and models diversely. • Act in customer/client-oriented ways and according to the situation, and understand customer/client needs. • Work in a group in line with objectives. • Act and justify their activities in accordance with ethical principles.
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The assessments draw on the students' self and peer assessments and the assessments of employer representatives. The students can also avail themselves of recognition of prior learning (RPL). Assessment helps the students to monitor the development of their competence and the achievement of their personal goals in relation to the competence requirements set for the degree.

INTERNATIONAL COMPARABILITY OF THE DEGREE

Competence is at the centre of all activities at Laurea, and we recognize competence in a comprehensive sense. General working life capabilities specified at the national level and defined in greater detail at Laurea have been taken into account in the degree contents.

The level of the degree corresponds with level 6 of the National Qualifications Framework (NQF) and level 6 of the European Qualifications Framework (EQF).

In the curriculum, the learning outcomes of a study unit are described for level 3, good skills, on the assessment scale (1-5).

CURRICULUM DEVELOPMENT

The curriculum is developed by using evaluation, monitoring and feedback data. Changes may occur in the study units and implementation modes of the modules. The offering of the complementary modules is constantly under development to match the requirements of the working life and thus the offering may change during the studies.

1. year

Y	CORE COMPETENCE	
T	COMPLEMENTARY COMPETENCE	101
R027	GUIDANCE AND EXPERTISE TRAINING	
R0155	International Activities	
R0156	Callidus Tutoring	
01469	Student Tutor Activities	5
V082	HEALTH AND WELLBEING FROM GLOBAL PERSPECTIVE	
00305	Basic Finnish	5
00843	Health-Promoting Environment	6
V1314	Encounter art and music promoting wellbeing	5
01465	New Technological Solutions and Innovations for Social and Health Care	5
01464	Global Health	5
V1362	Wellness at Work	5
01439	Current Developments and Innovations in Social and Health Care in Finland	5
01440	Multicultural and Multidisciplinary Professional Competences	5
V081	CLINICAL NURSING	
V0106	Perioperative and Intensive Care Nursing	5
01096	Health Assessment	5
V0157	Intensive Care Nursing	5
G104	ENTREPRENEURIAL ACTIONS AND E-SERVICES	
V1561	Innovation - from Idea Creation to Market, People and Structures	5
E9937	The Internet Economy, Business Models and Strategies	5
R015	LANGUAGE SKILLS AND INTERNATIONAL COMPETENCE	
V1469	Introduction to Social and Health care Finnish	5
V1468	Intermediate Finnish	5
V1470	Nursing documentation	5
R020	OTHER COMPLEMENTARY COMPETENCES	
01485	Basic Studies in Mathematics	5
R0075	Basic Studies in Chemistry	5
01097	International Orientation for Exchange Students	5
		101

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

R0155 International Activities, 5 cr

The student is able to:

The student is able to

- take into account the special characteristics of international activities
- form international networks
- act in an international environment with people from different cultures

R0156 Callidus Tutoring, 5 cr

The student is able to:

The student is able to

- provide guidance to other students in their areas of strength
- encourage and motivate the students they provide guidance to
- develop their own interaction skills

01469 Student Tutor Activities, 5 cr

The student is able to:

Student is able to

- understand the objectives and operating methods of Laurea and his or her own degree programme
- plan new operating methods to enhance the commitment of new students
- perceive the content of his or her own culture
- provide new students from different cultures with information on the learning environment and culture of the Laurea community
- market Laurea University of Applied Sciences and the opportunities for study offered by Laurea
- apply communication and marketing skills required in the marketing of Laurea
- act as a mentor for students in need of support
- understand the significance of effective tutoring activities for the promotion of well-being in the community

Contents of the study unit:

- Campus-specific meetings according to an agreed-upon schedule and the planning of tutoring
- Training events for tutors organised by Laurea
- Creating their own competence profile in the Kyvyt.fi service and acting as a 'reflection tutor' in the context of the online service
- Tutoring activities related to entrance examinations in the spring and in the autumn
- Providing new students with an introduction to Laurea at the start of each term in September and January

- Providing guidance to international and exchange students throughout the term
- The planning of the Freshers' Event and the Pre-Freshers' Event Party
- Support measures for new students related to themes addressed in the study unit on career planning in accordance with the agreed upon division of labour
- Participation in campus events at the student's own campus

Study unit description:

- The students learn how to evaluate tutoring from the viewpoint of their own campus and the educational responsibilities that exist in that campus
- They know how to instruct new students in the Laurea operating culture
- The students are familiar with the systems currently in use
- They know how to create a competence portfolio for themselves and are able to support new students in the creation of a competence portfolio at the kyvyt.fi service.
- They are familiar with the learning environments of their campus and have the capacity to represent the campus in different events where necessary
- The students are familiar with working methods in the area of career planning and, in cooperation with a teacher tutor, are able to support new students in matters related to career planning
- They have the capacity to act as an active promoter of the work community and student well-being

Previous studies:

A student acting as a student tutor must be a member of the student union of Laurea University of Applied Sciences.

V082 HEALTH AND WELLBEING FROM GLOBAL PERSPECTIVE, 30 cr

Description:

In this study module students will be able to gain expertise on different innovative solutions and best practices aimed to promote health and wellbeing globally, on individual, community and society level.

Students will be able to recognize the impact of globalization on health and wellbeing and to increase their awareness of ethical knowledge, values, principles, legislation and recommendations in global health and wellbeing policies. Students will be able to analyze effective innovative and technological models and projects in health and wellness promotion worldwide. Students are also able to recognize and practice different multidisciplinary ways and methods of wellness promotion in different contexts within social and health care.

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:

Tikkurila: Tuula Ikonen

00305 Basic Finnish, 5 cr

The student is able to:

- learn the main principles of the Finnish language
- understand and use the most common expressions in Finnish in everyday situations

Contents of the study unit:

- everyday situations (e.g. requesting and giving information, travelling by public transport, using a post office)

- discussions about everyday subjects (oneself, family, living conditions, etc.)
- basic grammar, vocabulary and pronunciation

Study unit description:

The course provides an introduction to the Finnish language. Students will reach level A1 in accordance with the Common European Framework.

00843 Health-Promoting Environment, 6 cr

The student is able to:

- understand and identify factors affecting health and the environment
- assume responsibility for developing the health and safety of the environment
- to support the health of an individual, family and community

Contents of the study unit:

Maternity care/ Reproductive health 3 cr ECTS

- global challenges to reproductive health
- family nursing / parenthood
- promoting the health of the woman and her family during the pregnancy and postpartum

Community nursing 3 cr ECTS

- environment and community as a concept
- national and international health care action plans promoting well-being and health of the population (e.g. Health 2015 public health programme)
- environmental health effects and their prevention
- community profile and analysis

Study unit description:

The competence gained in the study unit relates to managing health promotion in various human communities and environments. It is based on an environment-, community-focused and family-based operating models. The focus is on influencing the environment's physical, social and symbolic elements as well as promoting the well-being and health of the population.

V1314 Encounter art and music promoting wellbeing, 5 cr

The student is able to:

The goal of this study unit is that student gets familiar with Encounter Art and music methods used in Finnish Health and Social care. He/she knows short history, the basic concepts, some of the processes and has understanding what kind of tasks and possibilities National level program called Wellbeing from Art and Culture (Liikanen 2010.) gives in Finland. Students are aware of research findings of this area and they get experiences through workshops about Encounter Art and music. In seminar students also learn from each other's presentations of essays and good practices from their own countries.

Contents of the study unit:

A. Short history, basic concepts, Networks and Program, 2 credits

- From work as rehabilitation to Art therapy
- Wellbeing from Art –network established 1992
- Wellbeing from Art and Culture –Program 2010
- Encounter Art's basic principles and workshops
- Music promoting wellbeing; workshops

B. Art-based projects and research findings, 1 credits

- Music promoting wellbeing: Remember that song and Research in rehabilitation
- Encounter Art and Clinical Art research findings

C. 2 Essays from optional articles and good practices from their own countries, 2 credits

CREDITS:

A + B + Learning diary = 3 credits

A + B + C+ Learning diary = 5 credits

01465 New Technological Solutions and Innovations for Social and Health Care, 5 cr

The student is able to:

The student is able to

- identify current technological solutions and innovations for social and health care
- recognize differences and similarities in challenges related to the aging of global population, such as loneliness and changes in service structures
- evaluate methods for developing technological solutions for social and health care
- gain more project based learning, know-how and competence in utilizing ideas of technology for social and health care
- analyse ethical aspects in health and wellness related technology

Contents of the study unit:

- best practices for using technological solutions for social and health services in different countries
- end-users as co-developers of technological solutions and services
- different eServices promoting health and wellness
- technology and the challenges of the aging population – innovative examples from different EU and other projects
- empowering clients and patients through different methods of self-expression and social connectivity

Study unit description:

NoStudents will be able to analyze effective innovative and technological models, good practices and projects in health and wellness promotion worldwide. Students are also able to recognize and practice different multidisciplinary ways and methods of wellness promotion in different contexts within social and health care. This study unit is partially integrated into Laurea's ongoing and already completed projects. The different projects introduced during the course focus on ICT solutions and enhanced end-user engagement and are meant to promote the wellness and health of all, especially the aging population. Some of the key themes approached through the innovative use of ICT include user-friendly eServices, empowerment through storytelling, enhanced mobility or motility and social connectivity and quality of life.

01464 Global Health, 5 cr

The student is able to:

The student is able to

- recognize the impact on globalization on health
- increase awareness of ethical knowledge, values, principles, legislation and recommendations in global health
- analyze effective models in health promotion worldwide

Contents of the study unit:

- recognize the impact on globalization on health
- increase awareness of ethical knowledge, values, principles, legislation and recommendations in global health
- analyze effective models in health promotion worldwide

Study unit description:

In this study module students will be able to gain expertise on major contemporary issues and challenges of global health with an interprofessional perspective and social approach. It is open to students from all disciplines. Students will examine global disease burden and distribution, health determinants and disparities, health policy, and the challenges and outcomes of global health interventions. Key global health themes to be explored would include:

communicable and non-communicable diseases, environmental health, child health, reproductive health and rights, and health among refugees and displaced population. Topics will be examined in relation to global interdependency, highlighting how both global and disparities and global health policy responses are shaped through global ties and tensions.

V1362 Wellness at Work, 5 cr

The student is able to:

The student is able to

- broadly perceive different local and global factors that promote wellness at work in different fields
- identify different local and global programs, plans and good practices for wellness at work
- recognize and practice different ways and methods (such as multisensory methods, art, relaxation, NLP and other cognitive methods, narrativity, solution-oriented and supervisory methods etc.) of reducing work-related stress factors and health and wellness risks, both in their own student lives and future working lives
- identify and acknowledge the best practices from employee to manager to impact wellness at work

01439 Current Developments and Innovations in Social and Health Care in Finland, 5 cr

The student is able to:

The student is able to

- understand the Finnish social and health care system in the context of national and international social and health policy
- identify and evaluate the social and health needs on individual and community level in Finland in comparison to his/ her own country
- recognise differences / similarities in current developments and innovations in the social and health care service systems, social and health care programs, laws, regulations and economic factors in comparison to his/ her own country
- recognise different methods of client and patient empowerment within social and health care in comparison to his/ her own country

Contents of the study unit:

- global and national trends, current developments and innovations in health issues, social and health policy
- social and health needs in Finland and in other countries, prevention of diseases and client empowerment
- social and health care service systems, service and care chains, regulations, organisations, economical factors, applied welfare technologies
- guidance, consulting and networking within client and patient empowerment

Study unit description:

In this study module students will be able to gain expertise on different innovative solutions and best practices aimed to promote health and wellbeing globally, on individual, community and society level. Students will be able to analyze and evaluate the social and health care service systems, social and health care programs, laws, regulations and economic factors in comparison to his/ her own country.

01440 Multicultural and Multidisciplinary Professional Competences, 5 cr

The student is able to:

The student is able to

- acknowledge his/her cultural and professional knowledge and skills in the multicultural and multidisciplinary issues
- gain more cultural know-how and competence in studying and working in international environments and society
- evaluate his/her own value bases from the multicultural and multidisciplinary point of view
- recognise the significance of his/her professional competences in relation to global interactions and sustainable development

Contents of the study unit:

- students' experiences of cultural differences, living and learning abroad
- higher education in different countries promoting multidisciplinary competences
- ethical issues and special questions in different cultures and fields of services
- study module applies Multisensory method
- International Weeks at Laurea Tikkurila

Study unit description:

In this study module students will be able to gain expertise on different innovative solutions and best practices aimed to promote multicultural and multidisciplinary professional competences. Students will be able to recognize the impact of globalization on health and wellbeing and to increase their awareness of ethical knowledge, values and professional competences. Students are also able to recognize and apply different multidisciplinary ways and methods such as Multisensory method in promoting professional competences.

V081 CLINICAL NURSING, 15 cr**Description:**

The core of this module is to implement values, principles and ethical codes as well as patient safety in perioperative nursing. Students are able to recognize needs and areas for development in perioperative nursing. After module student can work as a member of multi-professional team during nursing basic perioperative processes.

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:

Tikkurila: Tuula Ikonen

V0106 Perioperative and Intensive Care Nursing, 5 cr**The student is able to:**

- practise in a patient representative manner in perioperative and intensive care nursing
- apply concepts of perioperative and intensive care nursing fluently and critically
- critically implement international and national evidence based interventions, principles, programs and theories in perioperative and intensive care nursing
- apply advanced and multidisciplinary evidence based knowledge in perioperative and intensive care nursing
- critically assess and develop the central interventions, principles, programs and theories in perioperative and intensive care nursing
- facilitate professional development of his/her own or members' of nursing team
- communicate both verbally and literally to perioperative and intensive care and nursing professionals, patients and their families, and to the public audiences

Contents of the study unit:

- ethical practice in perioperative and intensive care nursing
- advanced concepts of perioperative and intensive care nursing
- critical implementation and assessment of central international and national evidence based interventions, principles, programs and theories of perioperative and intensive care nursing
- quality development in intensive and perioperative nursing care
- health technology in intensive and perioperative care

- questions in anaesthesiology and special surgery

Study unit description:

Students improve their nursing, teaching, guidance, decision-making, recording, interaction, leadership and cooperation skills in caring for perioperative and intensive care patients. They improve their skills in managing professional entities and can adopt a critical and developmental approach to work in the chosen area of nursing. They learn to work according to the professional ethics of nursing in multicultural teams.

Previous studies:

Themes 3 and 4

01096 Health Assessment, 5 cr

V0157 Intensive Care Nursing, 5 cr

The student is able to:

- practise in a patient representative manner in intensive care nursing
- apply concepts of intensive care nursing fluently and critically
- maintain patient's vital functions during intensive care
- define "a status" of intensive care patient and perform intensive care nursing by 1) recognizing the changes and needs, 2) planning and performing IC and ICN interventions and 3) assessing the outcomes concerning IC patient's:
 - tissue perfusion
 - heart rhythm and cardiac arrhythmias
 - ventilation and oxygenation
 - elimination
 - homeostasis and fluid balance
 - patient's nutrition
 - skin condition
 - sleep pattern and ability to rest
 - movement
 - interaction and communication
 - pain and pain management
 - anxiety
 - exhaustion
 - fear
 - and family members' emotional reactions to intensive care
- perform intensive care nursing interventions as a member in multiprofessional ICU team
- perform safe intensive care nursing
- support the integrity of intensive care patients and their families when encountering the patients and their families
- critically implement international and national evidence based interventions, principles, programs and theories in intensive care nursing
- apply advanced and multidisciplinary evidence based knowledge in intensive care nursing
- perform structured documentation in intensive care nursing to facilitate the continuity of the care
- critically assess the central interventions, principles, programs and theories in intensive care nursing
- facilitate professional development of his/her own or members' of intensive care nursing team
- communicate both verbally and literally to intensive care and nursing professionals, patients and their families, and to the public audiences

Contents of the study unit:

- values, principles, ethical codes and philosophy of intensive care and intensive care nursing
- basic concepts of intensive care and intensive care nursing
- Advanced CPR in intensive care unit
- Evidence based knowledge of ICU patients' central interventions, principles, programs and theories concerning:
 - tissue perfusion,
 - heart rhythm and cardiac arrhythmias
 - oxygenation by mechanical invasive and non-invasive ventilation
 - elimination
 - fluid balance

- patient's nutrition, (iv-therapy, transfusion and complement therapy
- skin condition
- sleep pattern and ability to rest
- movement and prevention of pressure ulcers,
- interaction and communication
- pain and pain management
- anxiety
- exhaustion
- fear
- and family members' emotional reactions to intensive care
- information on equipment, instruments, and technology used in monitoring, assessing and maintaining patients vital functions and intensive care interventions
- safe intensive care nursing (risk management, ergonomics, infection control and aseptic practice, occupational safety)
- structured documentation in intensive care nursing
- Team work in ICU
- principles of crisis psychology when encountering the patients and their families in intensive care

Study unit description:

The study unit is performed as e-learning supported theoretical, simulation and e-activity studies where the students practise acting in core intensive care situations in nursing and multidisciplinary teams. In simulation laboratories they learn to recognise changes in vital functions and to protect vital functions in changing intensive care nursing care situations and learn how to support the integrity of patients and their families when encountering the patients and their families during intensive care. In e-learning environment the students practice intensive care nursing by searching and using evidence from research, evidence-based theories, and experiences of opinion leaders / expert panels. During the study unit they achieve skills for clinical decision making by: assessing patient's history and physical exam, availability of healthcare resources; seeking information concerning patient preferences and values; and defining clinical expertise in ICN.

G104 ENTREPRENEURIAL ACTIONS AND E-SERVICES, 15 cr

Description:

The objective of this module is to develop the student's multidisciplinary leadership and entrepreneurial skills.

After completing the module the student will be able to apply the basics of leadership and management in his/her own professional work. The student will be able to evaluate the services and inclusive service processes in his/her field. The student is able to transform and renew practices used by the work community in an entrepreneurial and innovative way in a changing operating environment.

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: Mirva Alapoikela ja Merja Wirman

V1561 Innovation - from Idea Creation to Market, People and Structures, 5 cr

The student is able to:

The student is able to

- understand the importance and challenges of innovations to modern society.

- create a business idea.
- describe idea creation methods and to apply suitable methods at different stages of the innovation process.
- understand the variety of outputs from an innovation process, from product design to services and business models

E9937 The Internet Economy, Business Models and Strategies, 5 cr

The student is able to:

The student is able to

- understand the characteristics of information and why it is very much different to a physical world
- look at businesses from a network perspective
- identify business opportunities of the internet
- apply an understanding of the information society to build new markets
- work at the intersection of business and information technology

R015 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:

Tikkurila: Camilla Kåla

V1469 Introduction to Social and Health care Finnish, 5 cr

The student is able to:

The Student is able to

- communicate both orally and literally in frequent situations on professional field (level B1.1)
- further develop skills and understanding of communication culture in Finland
- seek information and vocabulary of Social Services and Health Care using Finnish sources

V1468 Intermediate Finnish, 5 cr

The student is able to:

Opiskelija osaa:

V1470 Nursing documentation, 5 cr

The student is able to:

Opiskelija osaa:

R020 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.

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:

Hyvinkää, sote: Terhi Hautaviita

Lohja, sote: Anu Elorinne

Porvoo: Erja Annola

Tikkurila: Marja Vellonen

01485 Basic Studies in Mathematics, 5 cr

The student is able to:

Basic Studies in Mathematics in Nursing

R0075 Basic Studies in Chemistry, 5 cr

The student is able to:

The student

- has the basic knowledge of the field's chemical solutions.

01097 International Orientation for Exchange Students, 5 cr

The student is able to:

Ennen vaihtoa:

Opiskelija osaa perusteet kohdemaansa historiasta ja kulttuurista ja ymmärtää niiden vaikutuksen jokapäiväiseen elämään.

Opiskelija osaa hahmottaa oman ammattialansa käytännön toimintaa vieraassa kulttuurissa ja soveltaa ammatillista osaamistaan.

Opiskelija osaa työskennellä erilaisten asiakasryhmien kanssa sekä erilaisissa työyhteisöissä.

Vaihdon aikana:

Opiskelija osaa tunnistaa ja käsitellä mahdollisia kulttuurieroavaisuuksia ja niiden herättämiä tunteita.

Opiskelija osaa toimia kohdemaan kulttuurissa ja oppii tunnistamaan ja arvostamaan erilaisuutta.

Vaihdon jälkeen:

Opiskelija ymmärtää paremmin erilaisia kulttuureja ja erilaisuutta, osaa toimia monikulttuuristen asiakkaiden kanssa. Opiskelija tunnistaa erilaisten asiakasryhmien ja kulttuurien herättämiä tunteita ja ristiriitoja ja käsittelee omia tunteitaan muiden kanssa.

Contents of the study unit:

- Kansainvälinen opiskelu ja käytännön järjestelyt
- Optiman työtilan hyödyntäminen kansainvälisessä vaihdossa

Study unit description:

Oppimistehtävät, jotka kuuluvat valmennukseen:

- Kirjallinen suunnitelma käytännön järjestelyistä ennen vaihtoa: Opiskelija kirjaa itse muistettavat asiat ennen vaihtoon lähtöä ja aikatauluttaa ne omaa vaihtoon lähtöään ajatellen. Muistettavia asioita ovat mm. tarvittavat lomakkeet (Kela, vaihtokoulu, apuraha jne.), asunnon hankkiminen (mistä ja milloin), rokotukset jne. Täytä myös lomakkeet Go Abroad -työtilasta: Before exchange / Assignments Suunnitelma katsotaan yhdessä oman koordinaattorin kanssa.

-Optimassa on kaksi virtuaalista kv-valmennuksen työtilaa:

- YY7139 Valmennus kansainväliseen vaihtoon
- Go Abroad – Laurean yhteinen virtuaalinen työtila kaikille vaihtoon lähteville opiskelijoille.

Hyödynnä seuraavia työtilan osioita:

B= Before the exchange,