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Curriculum at Lahti University of Applied Sciences 2016-2017

Degree Programme in Physiotherapy 16S

Studies which will start in Autumn 2016 is carried out in day-time.

The Degree Programme in Physiotherapy provides students with the knowledge and skills to enable them to support the functional ability and mobility of people of different ages and levels of functional ability and to help prevent problems in these areas. The programme is based on the science and clinical practice of physiotherapy as well as regional, national and international development challenges.

The core competence areas of physiotherapy are 1) Physiotherapy assessment and clinical reasoning, 2) Support and exercise of functional ability, 3) Physiotherapy support for functional ability and 4) Well-being services development. These competences describe the workplace skills required of physiotherapists upon completion of the programme. The aim is that each physiotherapist graduating from this programme should possess good prerequisites for entering the world of work.

Students supplement the core competence through a selection of subject-specific modules and courses which formulate their occupational profiles and steer their professional goals. Students can choose subject-specific studies from the course offering of the Faculty of Social and Health Care or from other faculties.

In the Faculty of Social and Health Care, students' learning opportunities are enhanced by providing a large and diverse range of motivating and exciting learning environments. Some of the learning environments are located off campus. The settings where students learn their skills and knowledge are designed to be as realistic and natural as possible. The programme offers different modes of learning and professional development. Studying is social, co-operative and multidisciplinary by nature. It combines theory and practice, and skills and knowledge are accumulated through a work-oriented approach. These settings include the opportunities provided by the simulation environment, and the student cooperative, where students can practice entrepreneurial skills, to name but a few. Online learning environments are also utilised to offer students flexibility in scheduling. As international cooperation becomes increasingly common, many students opt for a period of study overseas through exchange programmes, which can be incorporated in the study programme.

After having completed the first year of the programme, students can choose one of two learning environments. In the workplaceoriented path, students practice physiotherapy in close cooperation with workplace organisations and learn to operate in real-world work environments and projects under the guidance of teachers. In the student cooperative company, students get a chance to practice entrepreneurship skills before entering the world of work. The cooperative company is managed by a team of students, who practice different entrepreneurial roles and the production of well-being services for customers.

At the Faculty of Social and Health Care, each student is assigned a personal tutor. Students work with their tutors to draw up a personal study plan (HOPS), which outlines their chronological progress. The tutor monitors the student's progress and provides guidance and support. In addition, accreditation of prior and experiential learning (APEL) is available to all students. In this system, students can apply for substitution of prior learning for courses for which they can demonstrate

competence. Peer tutors also have an important role, especially in the early stages of the programme.

Code	Name	1 y	2 y	3 y	4 y	ECTS total
STFY16-1000 Physiotherapy						210
STFY16-1001 CORE COMPETENCE						180
STFY16-1002 BASIC STUDIES						15
ST00AX51	Physiotherapy practice	1				1
ST00AX40	Expert communication	3				3
ST00AY57	Information literacy	1				1
ST00BC73	Customer oriented physiotherapy	2				2
ST00AV63	English Language and Communication	3				3
08FYPE3	Physiotherapy in the rehabilitation framework	2				2
ST00AY58	Swedish: written communication		1,5			1,5
ST00AY59	Swedish: oral communication		1,5			1,5
STFY16-1003 PROFESSIONAL STUDIES						165
STFY16-1004 Physiotherapy assessment and clinical reasoning						20
ST00AW84	Functional anatomy and physiology of human	4				4
ST00AW85	Functional anatomy and physiology of the musculoskeletal system	6				6
ST00AW65	Basics of functional ability analysis and clinical reasoning	5				5
08KLIPÄ3	Medical view on functional ability	5				5
STFY16-1005 Functional ability support and exercise methods						28
ST00AW86	Guiding groups and health activity	5				5
08MENE2	Physical exercise as part of physiotherapy	8				8
ST00AW87	Health promotion, wellbeing technology and environmental planning	5				5
08MENE5	Manual Therapy	5				5
ST00AW88	Supportance of movement and prerequisite of movement		5			5
STFY16-1006 Supporting functional ability through physiotherapy I						17
ST00BC74	Physiotherapy for musculoskeletal disorders		7			7
ST00AW90	Pain treatment in physiotherapy		5			5
ST00BC75	Physiotherapy of lifestyle diseases		5			5
STFY16-1007 Supporting functional ability through physiotherapy II						10
08TOTUB2	Physiotherapy and rehabilitation of central nervous system disorders		5			5
ST00BC78	Orthopaedic, traumatological and surgical physiotherapy		5			5
STFY16-1008 Supporting functional ability through physiotherapy III						15
08TOTUC2	Physiotherapy for children and young people			5		5
ST00AW94	Specific considerations in working with elderly customers and advanced MSK			5		5

ST00BC77	Physiotherapy for occupational well-being and mental health		5			5
STFY16-1009 Development of Welfare services						15
08OTYR	Take Hold - entrepreneurial competence					0
ST00AX22	Leadership, supervision and the workplace organisation					0
08TUKE	Research and development competence					0
STFY16-1010 Clinical Practice						45
STFY16-1011 Physical Therapy Clinical Practice						45
08FYSHAR1	Clinical practice 1	5				5
08FYSHAR2	Clinical practice 2		10			10
08FYSHAR3	Clinical practice 3		10			10
08FYSHAR4	Clinical practice 4			10		10
08FYSHAR5	Clinical practice 5				10	10
STFY16-1012 Thesis						15
08OPN1	Thesis expertise 1					0
08OPN2	Thesis expertise 2					0
08OPN3	Thesis expertise 3					0
STFY16-1013 COMPLEMENTARY STUDIES						30
STFY16-1014 ELECTIVE STUDIES						15
STFY16-1015 ADVANCED PROFESSIONAL STUDIES						15
STFY16-1016 Complementary Studies						0

STFY16-1000 Physiotherapy: 210 ECTS

STFY16-1001 CORE COMPETENCE: 180 ECTS

STFY16-1002 BASIC STUDIES: 15 ECTS

Learning outcomes of the study module

Students will be able to:

- use the concepts of physiotherapy practice in Finnish, English and Swedish
- explain the role of a customer-oriented approach in physiotherapy practice
- communicate professionally
- describe the historical development of physiotherapy practice and demonstrate knowledge of the international dimensions of physiotherapy
- describe public health work and the prevention of infectious diseases
- evaluate physiotherapy as part of the rehabilitation system
- describe sustainable work practices in physiotherapy

ST00AX51 Physiotherapy practice: 1 ECTS

Learning outcomes

Students will be able to:

- describe the starting points of physiotherapy as a profession, the main customer groups and work environments
- use common physiotherapy databases and search information on a case-by-case basis from various sources

ST00AX40 Expert communication: 3 ECTS

Learning outcomes

Student will be able to

- design and produce accurate text for customer contexts and scientific articles
- evaluate and interpret the meanings of different types of messages and develop their communication skills
- apply team work skills in meetings and negotiations

ST00AY57 Information literacy: 1 ECTS

Learning outcomes

- identify their information needs and the role of information retrieval in different stages of their study
- source information for study purposes effectively and diversely
- utilise different types of resources and services in their studies
- evaluate resources critically
- use information in an ethical manner

ST00BC73 Customer oriented physiotherapy: 2 ECTS

Learning outcomes

- validate the importance of a customer-oriented approach in physiotherapy
- analyze the factors of interaction in work with customers
- use different ways of interviewing customers
- identify the ethical principles of health care and the laws and regulations governing physiotherapy

ST00AV63 English Language and Communication: 3 ECTS

Learning outcomes

The student is able

- to use expressions and vocabulary related to the field of social and health care
- to work in everyday written and oral communication situations
- to read and analyze professional English texts

08FYPE3 Physiotherapy in the rehabilitation framework: 2 ECTS

Learning outcomes

Student:

- understand the scientific basis of physiotherapy as part of multidisciplinary rehabilitation and health sciences
- apply structured documenting in physiotherapy
- demonstrate knowledge of the prevalence of the most common noninfectious and infectious

diseases around the world

- apply hygiene and aseptic techniques in physiotherapy practice

ST00AY58 Swedish: written communication: 1.5 ECTS

Learning outcomes

Students will be able to

- read and analyse clear, jargon-free texts of the field of interest
- produce simple, logical factual text related to the field of interest

ST00AY59 Swedish: oral communication: 1.5 ECTS

Learning outcomes

Students will be able to

- communicate in Swedish in an appropriate manner when dealing with customers

STFYS16-1003 PROFESSIONAL STUDIES: 165 ECTS

STFYS16-1004 Physiotherapy assessment and clinical reasoning: 20 ECTS

Learning outcomes of the study module

Learning outcomes

Students will be able to:

- describe the basics of anatomy and physiology and the structures and basic function of different organ systems
- identify and describe common disorders affecting the respiratory and circulatory systems, musculoskeletal system and the central and peripheral nervous system
- describe the role of the respiratory and circulatory system, musculoskeletal system and the central and peripheral nervous system in functional ability and assess their functioning
- define the concept of functional ability in accordance with the ICF (International Classification of Functioning, Disability and Health) and document findings using the physiotherapy nomenclature system.
- assess the functional ability of adults and produce a functional ability profile
- use functional assessment as part of the planning, delivery, monitoring and evaluation of physiotherapeutic treatment
- observe and analyse a person's functional ability and mobility using different measurements and detect individual differences

Courses included in the study module

Functional anatomy and physiology of human 4 ECTS

Functional anatomy and physiology of the musculoskeletal system 6 ECTS

Basics of functional ability analysis and clinical reasoning 5 ECTS

Medical view on functional ability 5 ECTS

ST00AW84 Functional anatomy and physiology of human: 4 ECTS

Learning outcomes

Students will be able to

Part 1: The basics and the organ systems

- demonstrate knowledge of the structures and functions of the cell and different tissues, the digestive, urinary, endocrine and immune systems, and the basic function of the respiratory and circulatory systems
- demonstrate understanding of the role of these organ systems to a person's functioning
- locate different organs, measure blood pressure and lung function, and examine the pulse

Part 2: The central and peripheral nervous system

- demonstrate knowledge of the structure and function of the neuron
- demonstrate knowledge of the structure of the central nervous system and the main functions of its different parts
- name, in Finnish and in Latin, the major peripheral nerves of the brachial plexus which innervate the muscles of the upper extremity, and identify the muscles innervated by peripheral nerves
- name, in Finnish and in Latin, the major peripheral nerves of the lumbar and sacral plexus which innervate the muscles of the lower extremity, and identify the muscles innervated by peripheral nerves
- demonstrate understanding of the structure and basic function of the autonomic nervous system
- recognise the role of sensory functions in postural and motion control and examine the main sensory functions which influence postural control
- explain the components of postural control, how dysfunctional postural control is manifested in a customer's functional ability, and how dysfunctions can be analysed.

ST00AW85 Functional anatomy and physiology of the musculoskeletal system: 6 ECTS**Learning outcomes**

- demonstrate knowledge of the structure of the muscle, bone and cartilage
- demonstrate knowledge of the anatomical planes and the directions of joint movement
- demonstrate knowledge of the structure (Finnish and Latin) and function of bones and joints
- name the trunk muscles in Latin and name their origins and insertions
- name the muscles that surround the shoulder joint and the forearm muscles (Latin names) and their origins and insertions
- name the muscles of the thigh and shin in Latin and name their origins and insertions
- name the main functions of the abovementioned muscles
- interview customers suffering from musculoskeletal disorders
- assess posture and muscular balance
- know the range of motion of different joints and evaluate them using different indicators
- palpate muscles, tendons and joints
- observe postures, the quality of motion and control

ST00AW65 Basics of functional ability analysis and clinical reasoning: 5 ECTS**Learning outcomes**

Student is able to:

- select and operate the applicable standard tests for functional ability assessment of an adult.
- interview and monitor functional ability of an adult.
- describe the assessment of functional ability and mobility and clinical reasoning as part of the planning, implementation, monitoring and evaluation of physiotherapy.
- describe the functional ability of an adult and make an individual functional ability profile using terminology of International Classification of Functioning and Health (ICF)
- meet a client in professional situation

08KLIPÄ3 Medical view on functional ability: 5 ECTS

Learning outcomes

Students will be able to

- deliver first aid
- recognise how disease, injury, trauma, surgery and ageing affect body functions, performance and participation and take note of them while treating patients
- understand the basis of pharmacotherapy

STFYS16-1005 Functional ability support and exercise methods: 28 ECTS

Learning outcomes of the study module

Student is able to

- demonstrate a versatile command of the methods of health promotion and health-related fitness
- understand the possibilities of health promotion in the maintenance of health and functional ability
- design and instruct physical exercises with customers on the basis of the functional and performance assessment
- develop their expertise in motor skills assessment and take into account the principles of motor learning in exercise instruction with customers

Courses included in the study module

Guiding groups and health activity 8 ECTS

Physical exercise as part of physiotherapy 5 ECTS

Health promotion, wellbeing technology and environmental planning 5 ECTS

Manual therapy 5 ECTS

Supportance of movement and prerequisite of movement 5 ECTS

ST00AW86 Guiding groups and health activity: 5 ECTS

Learning outcomes

Student is able to

- develop methods to demonstrate knowledge of physical activity recommendations for different age groups
- support motivation in customer instruction
- apply recovery methods (nutrition, relaxation and sleep)
- describe the basics of group exercise counselling and plan target-oriented group exercise

08MENE2 Physical exercise as part of physiotherapy: 8 ECTS

Learning outcomes

Learning outcomes

Students will be able to

- use concepts related to physical exercise and demonstrate knowledge of the principles of endurance and muscular strength training and the physiological effects of physical exercise
- measure muscular function and the condition of the respiratory and circulatory systems, taking into account the tests' safety factors
- assess the performance of an exercise and the loading on the body during exercise
- consider the individual customer when choosing tests and formulating the feedback

ST00AW87 Health promotion, wellbeing technology and environmental planning: 5 ECTS

Learning outcomes

Students will be able to:

- use the concepts of health promotion, welfare technologies, assistive equipment and environment design and demonstrate familiarity with the knowledge base of the field
- plan and deliver services related to health promotion, welfare technologies, assistive equipment services and living environment design for different target groups
- give due consideration to safety in assistive equipment services and accessibility planning

08MENE5 Manual Therapy: 5 ECTS

Learning outcomes

Students will be able to:

- identify the purpose, effects and contraindications of manual therapy
- deliver manual therapy in a safe and customer-oriented manner

ST00AW88 Supportance of movement and prerequisite of movement: 5 ECTS

Learning outcomes

Students will be able to

- explain the different work methods of mobility assistance, movement assistance and adapted physical activity using evidence-based information
- apply professional techniques and work methods in mobility assistance, movement assistance and adapted physical activity
- design and perform mobility assistance, movement assistance and adapted physical activity in a safe manner

STFYS16-1006 Supporting functional ability through physiotherapy I: 17 ECTS

Learning outcomes of the study module

Students will be able to:

- describe factors influencing physiotherapy for lifestyle diseases, cardiac and respiratory diseases and musculoskeletal disorders (MSK) and justify the associated physiotherapy interventions

- apply physiotherapy in the prevention and treatment of disorders caused by lifestyle diseases and MSK disorders
- evaluate the role of multidisciplinary practice in physiotherapy for lifestyle diseases and MSK disorders

Courses included in the study module

Physiotherapy for musculoskeletal disorders 7 ECTS

Pain treatment in physiotherapy

Physiotherapy in lifestyle disease intervention 5 ECTS

ST00BC74 Physiotherapy for musculoskeletal disorders: 7 ECTS**Learning outcomes**

Students will be able to:

- search for information for musculoskeletal assessment and physiotherapy from various sources
- apply the techniques and work methods of musculoskeletal assessment in physiotherapy
- demonstrate knowledge of physiotherapy for different customers with MSK disorders

ST00AW90 Pain treatment in physiotherapy: 5 ECTS**Learning outcomes**

Students will be able to:

- describe the physiology and theoretical basis of pain
- measure pain reliably and document findings on the customer's pain
- demonstrate knowledge of the indications and contraindications, effects, dosages and safety factors of pain treatments
- delivery pain therapy using physiotherapy methods

ST00BC75 Physiotherapy of lifestyle diseases: 5 ECTS**Learning outcomes**

Student is able to:

- demonstrate knowledge of common lifestyle diseases in Finland
- understand the importance of physical activity as part of the treatment and prevention of lifestyle diseases
- demonstrate the effects of common respiratory and circulatory diseases on mobility and functional ability
- analyse physical performance of patients with respiratory and circulatory diseases and interpret and apply the results to the exercise plan

STFYS16-1007 Supporting functional ability through physiotherapy II: 10 ECTS**Learning outcomes of the study module**

Students will be able to

- draw from the knowledge base to explain their actions and demonstrate a good command of the main concepts
- use techniques and procedures related to the support and training of functional ability

- work in an ethical and safe manner with customers will be able to
- connect the gained skills and knowledge from basics of physiotherapy and professional studies to the new knowledge and skills of this module
- design and implement neurological, orthopedic, traumatological and surgical physiotherapy for adult patients and rehabilitation clients
- act as a member of multiprofessional rehabilitation team

Courses included in the study module

Orthopaedic, traumatological and surgical physiotherapy 5 ECTS

Physiotherapy and rehabilitation of central nervous system disorders 5 ECTS

08TOTUB2 Physiotherapy and rehabilitation of central nervous system disorders: 5 ECTS**Learning outcomes**

Students will be able to:

- explain the role of physiotherapy in neurological rehabilitation based on scientific evidence
- design physiotherapy treatment for the neurological rehabilitation of an adult patient on the basis of an interview and a physiotherapy assessment
- delivery customer-oriented, activating and task-oriented physiotherapy, taking neurological symptoms into account
- identify the treatment path of different types of neurological rehabilitation patients and describe the role of multidisciplinary team work in neurological rehabilitation

ST00BC78 Orthopaedic, traumatological and surgical physiotherapy: 5 ECTS**Learning outcomes**

Students will be able to:

- assess the effects of an acute injury or surgery on the patient's functional ability
- describe the role of pre- and postoperative physiotherapy during the in-hospital care of surgery patients
- apply knowledge about the stages of the healing process of different tissues in the planning of physiotherapy treatment
- work as part of a multidisciplinary workplace community
- adhere to the principles of aseptic technique

STFYS16-1008 Supporting functional ability through physiotherapy III: 15 ECTS**Learning outcomes of the study module**

Students will be able to

- use appropriate functional assessment methods with customers of different ages and use the results to design and implement individual physiotherapy for customers
- apply physiotherapy practice in the environments of customers of different ages and take advantage of multidisciplinary

collaboration opportunities

- analyse work/living environments and utilise assistive equipment, technologies and environmental adaptations to support customers' functional ability
- resolve challenges in the functional ability of customers of different ages using clinical reasoning and a range of physiotherapy methods
- apply acts, decrees and guidelines governing the provision of services for customers of different ages in their practice
- act as a physiotherapy expert in a multidisciplinary environment

Courses included in the study module

Physiotherapy for occupational well-being and mental health 5 ECTS

Physiotherapy for children and young people 5 ECTS

Specific considerations in working with elderly customers and advanced MSK 5 ECTS

08TOTUC2 Physiotherapy for children and young people: 5 ECTS

Learning outcomes

Students will be able to

- search for information on physiotherapy for children and young people and justify choices in physiotherapy practice using evidence-based information/assessments
- use common work methods, models and techniques of paediatric physiotherapy and justify their choices
- work as part of a multidisciplinary team in the rehabilitation of children and young people and contribute their expertise to a team providing physiotherapy for children and young people

ST00AW94 Specific considerations in working with elderly customers and advanced MSK: 5 ECTS

Learning outcomes

Specific considerations in working with elderly customers, 2 ECTS credits

Students will be able to

- describe changes in the functional ability of elderly customers
- support the functional ability of elderly customers through physiotherapy
- take into consideration issues specific to elderly customers and work as part of a multidisciplinary team

delivering physiotherapy for elderly customers

- adapt physiotherapy assessment and physical exercise to the needs of an elderly customer with multiple conditions

Advanced studies in musculoskeletal physiotherapy, 3 ECTS credits

Students will be able to

- find information and justify the choice of sources in the prevention and physiotherapy treatment of MSK disorders in young people
- choose, combine and develop work methods and models suitable for MSK physiotherapy
- assume responsibility for the overall physiotherapy treatment of a MSK patient with other treating health care professionals.

ST00BC77 Physiotherapy for occupational well-being and mental health: 5 ECTS**Learning outcomes**

Students will be able to

- describe the operating environment of occupational health care and the associated labour legislation
- adhere to good occupational physiotherapy practices
- describe activities designed to maintain work ability, analyse a work environment and the related stress factors and use the associated methods
- take into account human psychophysics in physiotherapy
- use different physiotherapy methods to support and maintain mental health
- assess the customer's body image, body awareness and personal resources using different indicators

STFY16-1009 Development of Welfare services: 15 ECTS**Learning outcomes of the study module**

In this module, students are introduced to tools of well-being services development. Upon successful completion of the module,

you will be able to describe the contents and methods of well-being services development and the entrepreneurial approach. You will be able to apply research and development methodology towards the renewal and regeneration of well-being services in professional practice. You will also be able to apply the principles of ethical and sustainable development in well-being services development.

Professional growth objectives: As a student, you will update your personal study plan and design your clinical practice path, taking into account employment opportunities. The nurse's professional identity will be evidenced in your conduct in supervised practice and theory studies.

Competences: customer-oriented approach, leadership and entrepreneurship, workplace competence, evidence-based

action and decision-making, the social and health care work environment, the quality and safety of social and health care services, ethical competence, research and development competence

Courses included in the study module

Take Hold - entrepreneurial competence 5 ECTS

Leadership, supervision and the workplace organisation 5 ECTS

Research and development competence 5 ECTS

08OTYR Take Hold - entrepreneurial competence: 5 ECTS**Learning outcomes**

Students will be able to

- describe inner, self-oriented and external entrepreneurship
- analyse the meaning and purpose of entrepreneurship as a life strategy
- describe characteristics specific to entrepreneurship in social and health care
- brainstorm and accomplish the service design
- describe the basic process of productisation of well-being services and service design

ST00AX22 Leadership, supervision and the workplace organisation: 5 ECTS

Learning outcomes

Students will be able to

- explain the role of normative and information-based guidance in the delivery of social and health care services
- evaluate the means of immediate supervisors to lead the workplace organisation
- critically evaluate their own roles in the workplace operation
- appraise the use and suitability of quality management tools in workplace development

08TUKE Research and development competence: 5 ECTS

Learning outcomes

Students will be able to

- perform development activities using a research-based approach
- draw up a thesis plan
- adhere to the reliability principle and ethical principles in research and development activity
- write scientific-style, well-argued and precise factual text
- appraise text by applying the source-critical method and cite sources according to instructions

STFY16-1010 Clinical Practice: 45 ECTS

Learning outcomes of the study module

Approximately one third of studies are clinical practice. Clinical practice is carried out at workplaces during placements and in conjunction with courses working with real customers on campus, at workplaces and in the occupational and operational environments of customers.

Clinical practice at workplaces 45 ECTS is taken throughout the programme. Part of the supervised clinical practice can be combined with the research, development and innovation module.

Learning outcome of clinical practices allows the student extensive, versatile and future-oriented learning of physiotherapy.

STFY16-1011 Physical Therapy Clinical Practice: 45 ECTS

Courses included in the study module

Clinical practice 1, 5 ECTS
Clinical practice 2, 10 ECTS
Clinical practice 3, 10 ECTS
Clinical practice 4, 10 ECTS
Clinical practice 5, 10 ECTS

08FYSHAR1 Clinical practice 1: 5 ECTS

Learning outcomes

Students will be able to:

- use common concepts of physiotherapy in a consistent manner
- identify the starting points, needs and grounds of action in physiotherapy

- act in accordance with the ethical principles of physiotherapy

08FYSHAR2 Clinical practice 2: 10 ECTS

Learning outcomes

Students will be able to:

- use physiotherapy concepts and communicate on physiotherapy topics both with expert and non-expert audiences
- identify the starting points, needs and grounds of action in physiotherapy practice situations
- work at the placement organisation with consideration of the target group

08FYSHAR3 Clinical practice 3: 10 ECTS

Learning outcomes

Students will be able to:

- critically appraise and compare different sources of information in physiotherapy
- diversely apply acquired techniques and processes of physiotherapy
- engage in and contribute to goal-oriented activities at the physiotherapy workplace

08FYSHAR4 Clinical practice 4: 10 ECTS

Learning outcomes

Students will be able to:

- critically appraise and compare different sources of information in physiotherapy
- apply their physiotherapy competences in a meaningful manner in different rehabilitation situations
- justify their actions in accordance with the ethical principles of physiotherapy

08FYSHAR5 Clinical practice 5: 10 ECTS

Learning outcomes

Students will be able to:

- critically appraise and compare different sources of information in physiotherapy
- propose innovative or alternative solutions in physiotherapy practice situations
- act appropriately with different groups/audiences in different situations
- act responsibly, taking into account personal safety and that of physiotherapy customers

STFY16-1012 Thesis: 15 ECTS

Learning outcomes of the study module

In this module, the focus is on real-world workplace development. The module comprises a thesis project, and upon its completion, you should be able to analyse workplace development needs and plan and implement workplace development projects. You will be able to use various sources of information and critically appraise them in the context of your development task.

Courses included in the study module

Thesis expertise 15 ECTS

Thesis expertise 2 5 ECTS

Thesis expertise 3 5 ECTS

08OPN1 Thesis expertise 1: 5 ECTS

Learning outcomes

Students will be able to

- critically evaluate workplace development needs and use appropriate development methods in the development of their field
- plan, execute, evaluate and publish a thesis and produce a report in accordance with the principles of investigative writing of their field
- apply and utilise the outputs of the thesis project (knowledge, service, product) in the operational development of a workplace

08OPN2 Thesis expertise 2: 5 ECTS

Learning outcomes

Students will be able to

- critically evaluate workplace development needs and use appropriate development methods in the development of their field
- plan, execute, evaluate and publish a thesis and produce a report in accordance with the principles of investigative writing of their field
- apply and utilise the outputs of the thesis project (knowledge, service, product) in the operational development of a workplace

08OPN3 Thesis expertise 3: 5 ECTS

Learning outcomes

Students will be able to

- critically evaluate workplace development needs and use appropriate development methods in the development of their field
- plan, execute, evaluate and publish a thesis and produce a report in accordance with the principles of investigative writing of their field
- apply and utilise the outputs of the thesis project (knowledge, service, product) in the operational development of a workplace

STFYS16-1013 COMPLEMENTARY STUDIES: 30 ECTS

Learning outcomes of the study module

Complementary competence includes complementary professional studies and elective studies (15+15 ECTS credits).

Complementary and elective studies shape the student's competence profile, consisting of a wide range of optional professional studies and elective studies that can be chosen from across the institution's fields of study

STFY16-1014 ELECTIVE STUDIES: 15 ECTS

STFY16-1015 ADVANCED PROFESSIONAL STUDIES: 15 ECTS

STFY16-1016 Complementary Studies: 0 ECTS