

This Diploma Supplement follows the model developed by the European Commission, Council of Europe and UNESCO/CEPES. The purpose of this supplement is to provide sufficient independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications (diplomas, degrees, certificates, etc.) It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. It should be free of any value-judgements, equivalence statements or suggestions about recognition. Information should be provided in all eight sections. Where information is not provided, a reason should be given.

1 INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

- | | | |
|-----|-------------------------------|--|
| 1.1 | Family name(s) | Holm |
| 1.2 | Given name(s) | Nina Katarina |
| 1.3 | Date of birth | 19.9.1979 |
| 1.4 | Student identification number | OID: 1.2.246.562.24.97374630643
1606556 |

2 INFORMATION IDENTIFYING THE QUALIFICATION

- | | | |
|-----|--|---|
| 2.1 | Name of qualification and title conferred | Sosiaali- ja terveystieteiden ylempi ammattikorkeakoulututkinto / Master of Health Care

Röntgenhoitaja (ylempi AMK), Master of Health Care (Radiographer) |
| 2.2 | Main field(s) of study for the qualification | Health and Welfare
Sosiaali- ja terveystieteiden johtamisen tutkinto-ohjelma, Health and Social Care Management

Röntgenhoitaja (ylempi AMK), Master of Health Care (Radiographer) |
| 2.3 | Name and status of awarding institution | Metropolia Ammattikorkeakoulu (Metropolia University of Applied Sciences), state recognised university of applied sciences. |
| 2.4 | Name and status of institution administering studies | Not applicable |
| 2.5 | Language(s) of instruction/examination | Finnish |

3 INFORMATION ON THE LEVEL OF THE QUALIFICATION

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|-----|------------------------------|--|
| 3.1 | Level of qualification | See 8.
Second-cycle university of applied sciences degree |
| 3.2 | Official length of programme | The degree consists of 90 credits (1.5 years of full time study). Finnish credits are fully compatible with the ECTS. |
| 3.3 | Access requirement(s) | General eligibility for higher education is given by the Matriculation examination or the upper secondary vocational qualification. These qualifications require at least 12 years of schooling. Equivalent foreign qualifications also give general eligibility for higher education.
There is numerus clausus, i.e. restricted entry, to all fields of study. |

4 INFORMATION ON THE CONTENTS AND RESULTS GAINED

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|-----|------------------------|--|
| 4.1 | Mode of study | Full-time |
| 4.2 | Programme requirements | See Transcript of Records.

Structure of studies leading to a second-cycle university of applied sciences degree:

The studies consist of advanced professional studies, elective studies and Master's Thesis and the maturity test.

The general aim of studies leading to a second-cycle university of applied sciences degree:

1) a comprehensive and deep understanding of the field in question for labour market development purposes, and a theoretical understanding required to work in demanding expert and supervisor positions in the |

field

2) a clear picture of the field in question, its position in the labour market, its social significance, and a capacity to follow and analyse research findings and professional practices in the field

3) a capacity for lifelong learning and continuous development of professional skills

4) good communication and language skills required for such work

5) the facts and skills required for international interaction and what it takes to work in the profession.

4.3 Programme details (e.g. modules or units studied, and individual grades/marks/credits obtained) See transcript of records

4.4 Grading scheme and, if available, grade distribution guidance
5 = Excellent
4 = Very good
3 = Good
2 = Very Satisfactory
1 = Satisfactory
H = Pass

4.5 Overall classification of the qualification Not applicable

5 INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1 Access to further study Eligible for doctoral studies. The admissions decisions are made in the receiving higher education institution.

5.2 Professional status Under the Finnish legislation, a person who has taken the qualification, see 2.1, is qualified for posts or positions in the public sector for which the qualification requirement is a second cycle higher education degree. In some cases, the qualification requirement also includes the completion of studies in certain specified fields of study.

The degree falls under the Article 11 of the Directive 2005/36/EC of the European Parliament and of the Council on the recognition of professional qualifications, level d.

6 ADDITIONAL INFORMATION

6.1 Additional information Not applicable

6.2 Further information sources
Metropolia Ammattikorkeakoulu (Metropolia University of Applied Sciences), Student Affairs Office
PL 4000
FI - 00079 Metropolia
Tel. +358 9 7424 5000
Fax +358 9 7424 5005
www.metropolia.fi

www.minedu.fi, Ministry of Education
www.edu.fi, The Finnish National Board of Education
www.kka.fi, The Finnish Higher Education Evaluation Council

7 CERTIFICATION OF THE SUPPLEMENT

7.1 Date Helsinki 29.09.2017

7.2 Signature

Minna Elomaa-Krapu

7.3 Capacity Head of Degree Programme

7.4 Official stamp or seal



8 INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

The Finnish education system consists of pre-primary and basic education, general and vocational upper secondary education, higher education and adult education. The compulsory schooling consists of one-year pre-primary education for 6-year-olds and nine-year basic education for children aged 7-16.

Post-compulsory education is given by general upper secondary schools and vocational institutions. The general upper secondary school provides a three-year general education curriculum, at the end of which the pupil takes the national Matriculation examination (ylioppilastutkinto/studentexamen). Vocational institutions provide three-year programmes, which lead to upper secondary vocational qualifications (ammattillinen perustutkinto/yrkesinriktad grundexamen).

General eligibility for higher education is given by the Matriculation examination and the upper secondary vocational qualification, the further vocational qualification and the specialist vocational qualification. A foreign qualification that gives eligibility for higher education in the system the qualification belongs to gives general eligibility for higher education also in Finland.

The Finnish higher education system comprises of universities (yliopisto/universitet) and universities of applied sciences (ammattikorkeakoulu, AMK/yrkeshögskola, YH). The universities engage both in education and research and have the right to award doctorates. The universities of applied sciences are multi-field institutions of professional higher education. Universities of applied sciences engage in applied research and development.

First and second cycle higher education studies are measured in credits (opintopiste/studiepoäng). Study courses are quantified according to the work load required. One year of full-time study is equivalent to 1600 hours of student work on average and is defined as 60 credits. The credit system complies with the European Credit Transfer and Accumulation System (ECTS).

8.1. University degrees

The Government Decree on University Degrees and Specialisation Studies (794/2004) including amendments defines the objectives, extent and overall structure of degrees. The universities decide on the detailed contents and structure of the degrees they award. They also decide on their curricula and forms of instruction.

8.1.1. First-cycle university degree

The first-cycle university degree consists of at least 180 credits (three years of full-time study). The degree is called kandidaatti/kandidat in all fields of study except Law (oikeusnotaari/rättsnotarie) and Pharmacy (farmaseutti/farmaceut). The determined English translation for all these degrees is Bachelor's degree, the most common degrees being the Bachelor of Arts or Bachelor of Science.

Studies leading to the degree provide the student with: (1) knowledge of the fundamentals of the major and minor subjects or corresponding study entities or studies included in the degree programme and the prerequisites for following developments in the field; (2) knowledge and skills needed for scientific thinking and the use of scientific methods or knowledge and skills needed for artistic work; (3) knowledge and skills needed for studies leading to a higher university degree and for life-long learning; (4) a capacity for applying the acquired knowledge and skills to work; and in international co-operation, and (5) adequate language and communication skills for working in one's own field and for international work and co-operation.

8.1.2. The Second-cycle university degree

The second-cycle university degree consists of at least 120 credits (two years of full-time study). The degree is usually called maisteri/magister. Other second-cycle degree titles are diplomi-insinööri/diplomingenjör (Technology), proviisori/provisor (Pharmacy) and arkkitehti/arkitekt (Architecture). The determined English translation for all these degrees is Master's degree, the most common degrees being the Master of Arts or Master of Science. The second-cycle university degree title in the fields of Medicine, Veterinary Medicine and Dentistry is lisensiaatti/licentiat, the English title being Licentiate. The admission requirement for the second-cycle university degree is a first-cycle degree.

In the fields of Medicine and Dentistry the university may arrange the education leading to the second-cycle university degree without including a first-cycle university degree in the education. In Medicine the degree consists of 360 credits (six years of full-time study) and in Dentistry the degree consists of 300 credits (five and a half years of full-time study).

Studies leading to the second-cycle university degree provide the student with: (1) good overall knowledge of the major subject or a corresponding entity and conversance with the fundamentals of the minor subject or good knowledge of the advanced studies included in the degree programme; (2) knowledge and skills needed to apply scientific knowledge and scientific methods or knowledge and skills needed for independent and demanding artistic work; (3) knowledge and skills needed for independently operating as an expert and developer of the field and for international co-operation; (4) knowledge and skills needed for scientific or artistic postgraduate education; and for life-long learning; (5) good language and communication skills for working in one's own field and for international work and co-operation.

The studies leading to the second-cycle university degree may include: basic and intermediate studies and advanced studies; language and communication studies; interdisciplinary study programmes; other studies; and internship improving expertise. The degree includes a Master's Thesis (20 – 40 credits).

8.2. Doctoral degrees

Students can apply for doctoral studies after the completion of a relevant second-cycle degree. The aim of doctoral studies is to provide student with an in-depth knowledge of their field of research and capabilities to produce novel scientific knowledge independently.

The degree of *lisensiaatti/licentiat* (Licentiate) may be taken before the Doctor's degree and in general it takes two years of full-time study to complete.

The Doctor's degree takes approximately four years to complete after a second cycle degree and two years when completed after a Licentiate's degree. A student who has been admitted to complete the Doctor's degree must complete a given amount of studies, show independent and critical thinking in the field of research and write a Doctor's dissertation and defend it in public.

8.3. University of applied Sciences degrees

The universities of applied sciences Act (932/2014 including amendments) defines the objectives, extent and overall structure of universities of applied sciences degrees. The universities of applied sciences decide on the detailed contents and structure of the degrees they award. They also decide on their curricula and forms of instruction.

8.3.1. First-cycle university of applied sciences degrees

The first cycle university of applied sciences degree consists of 180, 210, 240 or 270 credits (three to four and a half years of full-time study) depending on the field of study. The first cycle university of applied sciences degree is called *ammattikorkeakoulututkinto/yrkeshögskoleexamen*. The determined English translation for the degree is Bachelor's degree. The degree titles indicate the field of study, e.g. Bachelor of Engineering and Bachelor of Health Care.

Studies leading to the degree provide the student with: (1) broad overall knowledge and skills with relevant theoretical background for working as expert of the field, (2) knowledge and skills needed for following and advancing developments in the field, (3) knowledge and skills needed for professional development and life-long learning, and (4) adequate language and communication skills for working in one's own field and for international work and co-operation.

The first-cycle university of applied sciences degree comprises basic and professional studies, elective studies, a practical training period and a final project.

8.3.2. The second cycle university of applied sciences degrees

The second-cycle university of applied sciences degree consists of 60 or 90 credits (a year or a year and a half of full-time study). The degree is called *ylempi ammattikorkeakoulututkinto/högre yrkeshögskoleexamen*. The determined English translation for the degree is Master's degree. The degree titles indicate the field of study, e.g. Master of Culture and Art or Master of Business Administration. Eligibility for second-cycle university of applied sciences degrees is given by a relevant first cycle degree together with at least three years of relevant work or artistic experience.

Studies leading to the degree provide the student with (1) broad and advanced knowledge and skills for developing the professional field as well as the theoretical skills for working in demanding expert and leadership positions in the field; (2) profound understanding of the field, its relation to work life and society at large as well as the knowledge and skills needed for following and analysing both theoretical and professional developments in the field; (3) capacity for life-long learning and continuous development of one's own expertise (4) good language and communication skills for working in one's own field and for international work and co-operation.

The second cycle university of applied sciences degree comprises advanced professional studies, elective studies, and a final project.

Student	Nina Katarina Holm 190979-1668 1606556	Graduated 29.09.2017
Programme	Sosiaali- ja terveystieteiden johtamisen tutkinto-ohjelma, Health and Social Care Management	Credits 90 cr
Specialisation	Röntgenhoitaja (ylempi AMK), Master of Health Care (Radiographer)	Completed 90 cr

Studies	Credits	Assessment
Research, Development and Innovation	40 cr	
The Fundamentals and Methods of the Research Process	5 cr	3 Good
Project Management and Developmental Research	5 cr	3 Good
Master's Thesis and Maturity Test	30 cr	H Pass
Compulsory Advanced Studies in Social and Health Care Management	25 cr	
Foundations, theories and strategy of management and leadership	5 cr	H Pass
Introduction to Financial Management in Social and Health Care	5 cr	5 Excellent
Introduction to Human Resources Management	5 cr	4 Very good
Management of Evidence-Based Practice in Social and Health Care	5 cr	4 Very good
Digitalisation in Social and Health Care	5 cr	3 Good
Elective Advanced Studies in Social and Health Care Management	20 cr	
Human Resources Management in Social and Health Care	10 cr	
Human Resources and Performance Management	5 cr	5 Excellent
Diversity Management in Social and Health Care	5 cr	4 Very good
Developing and Managing of Practices in Social and Health Care	10 cr	
Processes, Quality and Patient Safety in Social and Health Care	5 cr	4 Very good
Service Development in Social and Health Care	5 cr	4 Very good
Elective Studies	5 cr	
Basic studies in education	5 cr sl	H Pass

Thesis	Assessment	Assessment date
The success factors of Lean implementation: systematic literature review in health care and case study in radiology	5	8.9.2017

Inclusions

sl = Basic studies in education, 20.4.2016, University of Jyväskylä

The degree falls under the Article 11 of the Directive 2005/36/EC of the European Parliament and the Council on the recognition of professional qualifications, level e. The language of instruction for the degree was Finnish. Helsinki Metropolia University of Applied Sciences has an operating licence granted by the Government. The official language of the institution is Finnish. The education provided by the institution is subordinate to the Ministry of Education and regulated by the Act of Parliament on Universities of Applied Sciences (351/2003), the Government Decree on Universities of Applied Sciences (352/2003) and their amendments (411/10.6.2005 and 423/16.6.2005).

Helsinki 29.09.2017



Minna Elomaa-Krapu
Head of Degree Programme

