

Assessing Copyright and Related Rights Systems

Copyright-related Research and Study Programs in Universities and Research Institutes

Report on Piloting in Finland



The logo for Cupore, consisting of the word "cupore" in a white, lowercase, sans-serif font, centered within a solid red rectangular background.

Assessing Copyright and Related Rights Systems: Copyright-related Research and Study Programs in Universities and Research Institutes. Report on Piloting in Finland.

This report is the result of the first pilot study implementing Methodology Card 12 – *Copyright-related Research and Study Programs in Universities and Research Institutes*, one of the 37 indicators constituting a methodology framework for assessing the operation of national copyright and related rights systems. The methodology framework has been developed at the Foundation for cultural policy research (Cupore) in Finland as part of a project financed by the Finnish Ministry of Education and Culture. The pilot study was conducted by Jukka Kortelainen, student at the Faculty of Social sciences at the University of Jyväskylä, between September and December 2013. The work was supervised by Professor Anita Kangas (University of Jyväskylä), the steering group of the project, as well as the core project team. The results were first published in February 2014 on the website of Cupore.

A handbook presenting the methodology framework is available on the website of Cupore at www.cupore.fi.

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Executive summary

This document presents data collected in application of a methodology framework to assess the operation of copyright and related rights systems. More precisely, the information and analysis below correspond to Methodology Card 12 presented in the methodology handbook, titled “Copyright-related Research and Study Programs in Universities and Research Institutes”.

Data has been collected on copyright-related doctoral dissertations, licentiate theses, scientific books and other publications and ongoing separately funded projects. In addition, information concerning copyright-related education and professorships in the university faculties or schools providing studies in law and/or business was gathered. The information was collected through desktop research, reference lists of search databases, by studying grant decisions by major funding sources and study guides of universities. Researchers of separately funded copyright-related research projects were interviewed.

In the year 2000, The Academy of Finland conducted a study titled “*The Condition of Intellectual Property Research in Finland and the Needs for Development*”.¹ There were no ongoing projects or professorships, and the numbers of doctoral dissertations, licentiate theses and courses in universities focusing on intellectual property related issues were low. During the time interval of 2000-2013, the amount and coverage of copyright-related research and education has increased substantially. A total number of 49 copyright-related theses (30 doctoral dissertations and 19 licentiate theses) have been published in Finland during the time period of 1999-2013. Most of these theses have been accepted at the University of Helsinki’s Faculty of Law (12 theses), University of Turku’s Faculty of Law (7 theses) and Aalto University’s Department of Computer Science and Engineering (5 theses). The search of copyright-related scientific books and other publications published in the time interval of 1999-2013 in JYKDOK Search Engine of the Jyväskylä University Library resulted in 56 publications². The topics of the publications cover copyright-related legislation or contracts in different fields and environments, as well as discussion on the copyright system in a broader context.

Seven ongoing separately funded projects including copyright-related research areas were found. Among them, the project “*Assessing Copyright and Related Rights Systems*” (to which this pilot report belongs) aims to provide a methodology for a systematic assessment of operation of national copyright and related rights systems. Five of the projects focus on regulative or economic aspects of copyright and one of the projects aims at studying digital rights management mechanisms.

At the moment there are four master’s degree programs in the faculties or schools of law and business focusing on intellectual property related issues: University of Helsinki’s Faculty of Law (2 programs), University of Turku’s Faculty of Law and Hanken School of Economics. The curricula of the other analyzed faculties or schools include 0-25 ECTS credits focusing on intellectual property and varying numbers of courses including intellectual property related keywords in course descriptions.

There are six professorships directly involved in research on and teaching of copyright-related issues in the study programs focusing on intellectual property at the faculties or schools of law and business: three professorships at the Faculty of Law at the University of Helsinki, two professorships at Hanken School of Economics and one associate professorship at the Faculty of Law at the University of Turku. In addition, there are other professors and researchers teaching and/or having research interests in copyright-related issues in universities around Finland.

¹ See the study in English at [http://www.aka.fi/Tiedostot/Tiedostot/Julkaisut/Immateriaalioikeuden%20tutkimus%20\(pdf\).pdf](http://www.aka.fi/Tiedostot/Tiedostot/Julkaisut/Immateriaalioikeuden%20tutkimus%20(pdf).pdf). Visited on 30.11.2013.

² Criteria for selecting scientific books and other publications from the reference list: (1) Title directly related to copyright (or to intellectual property rights in a broader sense) (2) The term “copyright” or “intellectual property” included as a subject heading (3) Publication including 90 or more pages.

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Introduction

A. CONTEXT OF THE PILOT STUDY

A methodology framework for assessing the operation of national copyright and related rights systems has been developed at the Foundation for cultural policy research (Cupore) in Finland. It is a collection of tools for achieving a systematic assessment of the functioning, performance and balanced operation of national copyright and related rights systems.

In the methodology, the assessment of the copyright and related rights system is determined through a framework consisting of so-called description sheets and methodology cards. The description sheets constitute guidelines to produce a comprehensive presentation and description of a country's copyright and related rights system and its operating environment. The methodology cards propose the collection of specific sets of data, either quantitative, descriptive or qualitative, that will be used as indicators of the functioning, performance and balanced operation of the system. Description sheets and methodology cards are accompanied by detailed information on the data to be collected, as well as analysis guidelines that will help connect them to each other.

The methodology framework is envisaged to be continuously improved through application feedbacks. For more information, see the Cupore website, www.cupore.fi/copyright.php.

This report presents data collected in application of Methodology card 12 of the methodology framework, titled "Copyright-related research and study programs in universities and research institutes". It is the result of the first pilot study applying this indicator in Finland.³

This study was conducted by Jukka Kortelainen (student at the Faculty of Social sciences at the University of Jyväskylä) between September and December 2013, and commissioned by the Foundation for Cultural Policy Research. The work was supervised by Professor Anita Kangas, University of Jyväskylä, the steering group of the project, as well as the core project team.

B. PRESENTATION OF THE INDICATOR

The indicator implemented here is intended to shed light on one of the elements of the copyright system. It is part of the second pillar of the methodology framework, "Functioning and performance of the elements of the copyright system", and its fourth area, "Dissemination of knowledge". It is an indicator which aims to assess the amount of copyright-related research, in order to support the analysis of the operation of the national copyright and related rights system.

As explained in the methodology handbook, research on copyright-related issues will help to understand the different facets of the copyright system, as well as to develop its operation. This indicator aims at assessing the amount of copyright-related research made in universities and research institutes. An estimation of this aspect is made through the numbers of copyright-related doctoral theses, licentiate theses, scientific articles and monographs⁴ made in the country as well as the number of ongoing research projects. This information is complemented with data on the main sources and amount of research financing, as well as the number of chairs and researchers directly involved in research related to copyright. The results of this pilot study are compared to those presented in a report "*The condition*

³ The study was conducted based on the draft version of the Methodology Handbook, dated 19.7.2012. This report is modified from the original report to better correspond to the version of the Methodology Handbook dated 20.12.2013.

⁴ Scientific articles and monographs were not analyzed in this pilot study. However, copyright-related scientific books and other publications were part of the study.

of intellectual property research in Finland and the needs for development”⁵ published by the working group of the Academy of Finland in 2000.

In addition to research conducted in the country on copyright-related issues, this indicator includes data on copyright-related education in universities in most relevant degree programs. The issues to be assessed are the existence of a separate study program focusing on copyright-related issues in university faculties or schools of law and business, and the inclusion of copyright-related education in the curriculum of other relevant faculties or schools such as information technology, media and communication, as well as social sciences⁶. The number of chairs and researchers directly involved in the teaching related to copyright has been measured to complement the picture. This methodology card is connected with the Description sheet 15 – *Research on copyright-related topics*. This methodology card covers the amount of copyright-related research, whereas Description sheet 15 focuses on the descriptive information concerning the research in universities and research institutes.

The amount of copyright-related research and education in universities and research institutes needs to be compared to the results of the other description sheets and methodology cards in the area *Dissemination of knowledge*. Moreover, the results of the areas *Functioning of the markets* and *Copyright infringement and public support* are likely to be affected by the awareness and knowledge on copyright-related issues, and therefore these results should be studied alongside.

A low amount of research might be a result of other causes than a lack of public interest in copyright, such as a general lack of funding for basic research. In addition, the quality of research is not taken into consideration. Despite the limitations of the indicator, it can be argued that the existence of research and education will provide indications on the awareness and knowledge on copyright-related issues in the country. Furthermore, the amount of funding for copyright-related research and education is likely to tell how important copyright is considered in society.

A methodology card presenting the indicator can be found in Appendix A of this report.

C. METHODS

The data for this indicator was collected through interviews and desktop research.

Copyright-related doctoral dissertations, licentiate theses as well as scientific books and other publications were studied using the “*Melinda*” - Union Catalogue of Finnish Libraries and “*JYKDOK*” - Search Engine of the Jyväskylä University Library. Ongoing separately funded research projects including copyright-related research areas were searched from major funding sources. Researchers of these projects were interviewed.

Copyright-related education in universities was studied by analyzing the study guides of the faculties or schools providing studies in law or business.

Lists of national and international information sources, as well as the questionnaire used for the interviews can be found in the appendices. The questionnaire is based on a set of exemplary questions for surveys, interviews or focus group studies that can be found in a separate toolkit of questionnaires (see the Cupore website at www.cupore.fi/copyright.php).

⁵ Translation by the researcher, original title in Finnish: “Immateriaalioikeuden tutkimuksen tila ja kehittämistarpeet Suomessa”. See the report in Finnish at [http://www.aka.fi/Tiedostot/Tiedostot/Julkaisut/Immateriaalioikeuden%20tutkimus%20\(pdf\).pdf](http://www.aka.fi/Tiedostot/Tiedostot/Julkaisut/Immateriaalioikeuden%20tutkimus%20(pdf).pdf). Visited on 25.11.2013.

⁶ Copyright-related education in faculties or schools of information technology, media and communication as well as social sciences was not analyzed in this study.

Results

SECTION 1. COPYRIGHT-RELATED RESEARCH IN UNIVERSITIES AND RESEARCH INSTITUTES

A. NUMBERS OF COPYRIGHT-RELATED DOCTORAL DISSERTATIONS AND LICENTIATE THESES

Copyright-related doctoral dissertations and licentiate theses were investigated using the “Melinda” - Union Catalogue of Finnish Libraries including comprehensive reference data from libraries in Finland⁷. The following table presents the search terms used in the Melinda catalogue.

Table 1. Doctoral Dissertations and Licentiate theses - Search terms in Melinda
Search terms in Melinda – Union Catalogue of Finnish Libraries
Subject headings ⁸ : “copyright” ⁹ , “copyright law” in Finnish, Swedish and English ¹⁰ . “digital rights management” in English ¹¹ Material type: Doctoral dissertations and licentiate theses Time period: 1999-2013 ¹²

⁷ The catalogue includes reference data from university libraries, the Library of Parliament, Biographical Kaleidoscope, National Repository Library and Library of Statistics, see description of the database in Finnish at http://melinda.kansalliskirjasto.fi/F/JV55PXTTPSUM6MD2PU6RY8HJIMTT1MYK2NAJVK6R9BV7VY5YBK-25354?func=file&file_name=ohje.htm. Visited on 25.10.2013.

⁸ “Asiasana” in Finnish. The subject headings (usually 3 to 20) are used in libraries’ references to inform about the topics of the documents.

⁹ Two dissertations included the subject heading of “copyright”, but were not included in the results of this study because titles of the theses indicated that they were focusing on patent system. These theses are:

- Exclusion and coordination of fragmentation: five essays toward a pluralistic theory of patent right (2010). Nari Lee, University of Eastern Finland – Faculty of Social Sciences and Business Studies.
- Owning knowledge is power: political moral economy of the globalizing patent system and global capitalism (2008) (original title in Finnish: ”Tiedon omistaminen on valtaa : globalisoituvan patenttijärjestelmän poliittinen moraalitalous ja globaali kapitalismi”). Ilkka Kauppinen, University of Jyväskylä – Faculty of Social Sciences – Discipline of Sociology.

¹⁰ “Tekijänoikeus” and “tekijänoikeuslaki” in Finnish, “upphovsrätt” and “upphovsrättslag” in Swedish.

¹¹ In addition, theses including the subject heading of “intellectual property” (“immateriaalioikeus” in Finnish and “immateriellrätt” in Swedish), but not “copyright” were analyzed. Total number of 20 theses were found. Four of the theses were included in the results of this study because topics of the theses can be considered as copyright-related:

- Innovations as communication processes: a legal framework for governing ideas in business (2005). Annamari Turunen, University of Lapland – Faculty of Law. The title of the thesis indicates that copyright-related topics may be involved. The thesis was searched for the word “copyright” and the search returned 310 results. The doctoral dissertation is available in English at https://www.doria.fi/bitstream/handle/10024/69699/Turunen_%20Doria_%20Acta%20E75.pdf?sequence=2. Visited on 5.11.2013.
- On the acceptability and justification of intellectual property (2004). Juha Turunen, University of Turku – Faculty of Law. This licentiate thesis is likely to include topics related to the ideological basis of intellectual property system and therefore the thesis is relevant from the perspective of copyright as well. The thesis was not found from the Internet for analysis.
- Promoting innovative actions by legal means. Christina Karlia-Palomäki, University of Helsinki Faculty of Law, 2009. Copyright-related legislation may be relevant when promoting innovative actions by legal means. The thesis was not found from the Internet for analysis.
- Right to information: Legal prerequisites for efficient exploitation of higher education institutions’ research results (translation by the researcher, original title in Finnish: ”Oikeus tietoon: korkeakoulututkimuksen tulosten tehokkaan hyödyntämisen oikeudellisista edellytyksistä”) (2005). Tuomas Aho, University of Helsinki – Faculty of Law. Research results can be protected by copyright and therefore this thesis may be considered as copyright-related. The thesis was not found from the Internet for analysis.

¹² The Academy of Finland has conducted a study including intellectual property related dissertations published before the year 2000, see the study in Finnish at [http://www.aka.fi/Tiedostot/Tiedostot/Julkaisut/Immateriaalioikeuden%20tutkimus%20\(pdf\).pdf](http://www.aka.fi/Tiedostot/Tiedostot/Julkaisut/Immateriaalioikeuden%20tutkimus%20(pdf).pdf). Visited on 25.10.2013.

In addition, a listing of dissertations and licentiate theses was provided by the Copyright Information Center hosted by the Finnish Copyright Society¹³.

A total number of 49 copyright-related theses, 30 doctoral dissertations and 19 licentiate theses, were found. The major part of the doctoral dissertations and licentiate theses were accepted at the University of Helsinki's Faculty of Law (5 doctoral dissertations, 7 Licentiate theses), University of Turku's Faculty of Law (2 doctoral dissertations, 5 Licentiate theses), Aalto University School of Science's Department of Computer Science and Engineering (4 doctoral dissertations, 1 Licentiate theses). The following table summarizes the results. The lists of doctoral dissertations and licentiate theses can be found in the appendices.

Table 2. Doctoral dissertations and licentiates theses published in Finland during the time period of 1999-2013 (based on the search in the "Melinda" - Union Catalogue of Finnish Libraries)			
University/Faculty/Department	Doctoral Dissertations	Licentiate theses	Total number of theses
Aalto University – School of Science and Technology -School of Electrical Engineering ¹⁴ – Department of Communications and Networking	-	1	1
Aalto University – School of Science and Technology The School of Science ¹⁵ – Department of Computer Science and Engineering	4	1	5
Aalto University – The School of Business – Department of Economics	1	-	1
Hanken School of Economics – Department of Accounting and Commercial law	1	-	1
Lappeenranta University of Technology – School of Business	3	-	3
University of Eastern Finland – Faculty of Social Sciences and Business Studies	1	-	1
University of Helsinki – Faculty of Law	5	7	12
University of Helsinki – Faculty of Social Science – Department of Political and Economic Studies - The Discipline of Economics	3	1	4
University of Jyväskylä – Faculty of Humanities – Department of Communication	1	-	1
University of Jyväskylä – Faculty of Social Sciences – Department of Social Sciences and Philosophy	1	-	1
University of Lapland – Faculty of Law	1	2	3
University of Oulu – Faculty of Technology – Department of Electrical and information engineering	2	-	2

¹³ The listing of the copyright-related doctoral dissertations and licentiate theses (2003-2013) was received from the information officer of the library of the Finnish Copyright Society (Tekijänoikeuden tietokeskus), Maire Wikholm (consulted by-email on 30.9.2013). The listing included one doctoral dissertation ("The legal status of professional visual artist" by Pauli Rautiainen) and one licentiate thesis ("Copyright injunctions against Internet connectivity providers especially with regard to peer-to-peer networking" by Pekka Savola) that were added to the results of the search in Melinda. Rautiainen's Doctoral dissertation did not include the subject heading of "copyright" or "intellectual property" in Melinda. Pekka Savola's Licentiate thesis was not found through the Melinda at all.

¹⁴ Formerly known as Helsinki University of Technology TKK - Faculty of Electronics, Communications and Automation. Source: Website of the Aalto University, available in English at <http://www.aalto.fi/en/about/history/tkk/>. Visited on 20.09.2013.

¹⁵ Formerly known as Helsinki University of Technology TKK – Faculty of Information and Natural Sciences. Source: Website of the Aalto University, available in English at <http://www.aalto.fi/en/about/history/tkk/>. Visited on 20.09.2013.

University of Surrey ¹⁶	1	-	1
University of Tampere – School of Management ¹⁷	1	1	2
University of Turku – Faculty of Law	2	5	7
University of Turku – Faculty of Mathematics and Natural Science – Department of Information technology	1	-	1
University of Vaasa – Faculty of Business Studies	2	1	3
Total	30	19	49

B. NUMBER OF COPYRIGHT-RELATED SCIENTIFIC BOOKS AND OTHER PUBLICATIONS

The methodology card proposes analyzing the numbers of scientific articles and monographs made in universities and research institutes. At the moment, databases with information for these purposes were not found¹⁸. As a result, the research focused instead on copyright-related scientific books and other publications of 90 or more pages¹⁹. The research was made using the “JYKDOK” - search engine of the Jyväskylä University Library^{20,21}. The library manages a depository collection “*Fennica*” including all published books in Finland. A significant part of the books can be found through JYKDOK²².

The following table presents the search terms and criteria used for selecting books from the reference list.

Table 3. Search terms and criteria for selecting scientific books and other publications from the reference list	
Search terms in JYKDOK	Criteria for selecting scientific books and other publications from the reference list
Subject headings “copyright” and “copyright law” in Finnish, Swedish and English ²³	The title of the book or publication included topics directly related to copyright (or “intellectual property rights” in a broader sense) ²⁴

¹⁶ The thesis “Software linking as alteration: framework for assessment under European copyright law” by Pessi Honkasalo has been accepted at the University of Surrey, but the thesis has been published by the IPR University Center in Finland as well.

¹⁷ Formerly known as the Faculty of Economics and Administration.

¹⁸ “Juuli – Finnish Research Publications” database, a service administered by The National Library of Finland in cooperation with the Finnish Ministry of Education and Culture and CSC – IT center for science is under development, but the reference database is not yet comprehensive enough for the purposes of this study. See the website of the service, available in English at <http://www.juuli.fi/>. Visited on 5.11.2013.

¹⁹ The scientific books and other publications include for example study reports, article collections, pamphlets, textbooks, guidebooks and law collections.

²⁰ This search engine was used instead of the Melinda - Union Catalogue of Finnish Libraries, because JYKDOK allows to limit search according to country of publication. The search engine is available in Finnish at https://jykdok.linneanet.fi/vwebv/searchBasic?sk=fi_FI. Visited on 31.10.2013.

²¹ Copyright-related reports or other brief documents are an important part of the copyright-related research as well. The Finnish Copyright Institute has published a total of 30 copyright-related studies and reports since 1993. Two of the studies that included more than 90 pages are part of the results of this study. See the publication series at the website of the Finnish Copyright Society, available in Finnish at <http://www.copyrightsociety.fi/index.php?id=104>. Visited on 1.11.2013.

²² Source: description of the depository collection “*Fennica*” on the website of the Jyväskylä University Library, available in Finnish at <https://kirjasto.jyu.fi/kokoelmat/vapaakappalekokoelma>. Visited on 31.10.2013.

²³ “Tekijänoikeus” and “tekijänoikeuslaki” in Finnish, “upphovsrätt” and “upphovsrättslag” in Swedish.

Time period: 1999-2013 Publishing country: Finland	The book or publication included more than 90 pages ²⁵ Only the most recent editions of the books were counted Theses were not included into the results
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The search returned 276 results of which 56 matched the criteria. These publications were divided into three categories²⁶: (1) A scientific book or other publication concerning copyright-related legislation or contracts in different fields and environments (2) A scientific book or other publication concerning copyright system in a broader context or collection of articles in various fields of copyright (3) A law book, a commentary, a collection of law cases or a textbook concerning copyright or intellectual property rights. The categories, topics, and numbers of the publications are summarized in the following table.²⁷

Table 4. The number and topics of copyright-related scientific books and other publications found through JYKDOK (the reference codes in brackets are used in the result table in the appendices)		
1. A scientific book or other publication concerning copyright-related²⁸ legislation or contracts in different fields and environments	2. A scientific book or other publication concerning copyright²⁹ system in a broader context or collection of articles in various fields of copyright	3. A Law book, a commentary, a collection of law cases or a textbook concerning copyright or intellectual property rights
Copyright issues in the fields of music, computer softwares, databases, internet, television, teaching, university inventions, libraries, photographing, (international) business and advertising 25 publications [1. fields]	Copyright in the digital environment or information society: 6 publications [2. digital] Ownership/authorship/creativity/extent of the rights: 7 publications [2. ownership] A collection of articles: 8 publications [2. collection]	Textbooks or commentaries: 5 publications [3. textbook] Law cases: 2 publications [3. law cases] EC legislation: 1 publication [3. EC]
Public performance and private use as limitations of copyright: 2 publications [1. limitations]		
27 publications	21 publications	8 publications
Total: 56 scientific books or other publications		

²⁴ Copyright-related topics were often part of the scientific books and other publications focusing on themes such as information or communication law, marketing law, Internet law, journalism or research. These publications were not included in the results of this study. One publication, “Exposure: from friction to freedom” was added to the results of this study, although the title of the publication does not include topics directly related to copyright. It is however likely that the publication is focusing on copyright-related topics. See description of the publication at the website of the bookstore “Lulu”, available in English at <http://www.lulu.com/shop/aula/exposure-from-friction-to-freedom/ebook/product-17548029.html>.

²⁵ This criterion was used to rule out research papers, reports, theses or other brief documents.

²⁶ The categories are based on the interpretation of the researcher.

²⁷ See the Appendix C “Copyright-related scientific books and other publications published in Finland in the time period of 1999-2013” for the full list of publications.

²⁸ Or intellectual property rights in a broader sense.

²⁹ Or intellectual property rights in a broader sense.

C. NUMBER OF ONGOING COPYRIGHT-RELATED RESEARCH PROJECTS IN UNIVERSITIES AND RESEARCH INSTITUTES

Ongoing and separately funded copyright-related research projects in universities and research institutes were searched through the grant decisions of different funding sources. Copyright-related research is also conducted with basic funding of the universities and research institutes, but this study did not address that research. Post-graduate students writing their doctoral dissertations or licentiate theses with separate funding were not analyzed in this study either. Grant decisions of the following sources were analyzed:

- Academy of Finland (grant decisions made by the Council for Natural Sciences and Engineering, as well as Council for Culture and Society in the time period of 2006-2013)
- Emil Aaltonen Foundation (grant decisions made in the time period of 2010-2012)
- Jenny and Antti Wihuri Foundation (grant decisions made in the time period of 2010-2013)
- Kone Foundation (grant decisions made in the time period of 2010-2013)
- Ministry of Education and Culture (grants for national projects aiming at developing the national copyright system 2006-2012)
- The Helsingin Sanomat Foundation (grant decisions made in the time period of 2010-2013)
- The Finnish Cultural Foundation (grant decisions of the central fund made in the time period of 2010-2013)
- Swedish Cultural Foundation of Finland (grant decisions made for the year 2013)
- Tekes – the Finnish Funding Agency for Technology and Innovation (grant decisions searched with keywords “copyright” and “intellectual property” in Finnish, English and Swedish)

The grant decisions and project descriptions were searched for copyright or intellectual property related keywords³⁰. Seven ongoing projects were found³¹ and leaders/researchers of the projects were interviewed. This project, “*Assessing Copyright and Related Rights Systems*” aims to provide a methodology for a systematic assessment of operation of national copyright and related rights systems. Five of the projects are focusing on regulative or economic aspects of copyright and one on digital rights management mechanisms. Four of the projects are funded mainly by the Academy of Finland, one by the Ministry of Education and Culture, one by the Helsingin Sanomat Foundation, one by TEKES - the Finnish Funding Agency for Technology and Innovation. The amount of funding varies between 120 000 and 1 374 714 euros. Interviewees’ estimations of the share of copyright-related issues in the projects varied between 10% and 100%. The results are summarized in the following table. For more information on the projects, see the report of *Description sheet 15 – Research on copyright-related topics*.

³⁰ The titles (and when available, project descriptions) of the grant decisions were analyzed for “copyright”, “intellectual property” and “digital rights management”. If the keywords were mentioned in the context of the research, such as part of the challenges or practical management activities related to the research project, the projects were not further analyzed. Broader topics potentially including intellectual property related issues such as “intellectual capital” or “open innovation” were included to the results only if the keywords mentioned above were found.

³¹ In addition, a project “Assessing intellectual property from the perspectives of different stakeholders” (translation by the researcher, original title in Finnish: “Aineettoman omaisuuden arvioiminen eri toimijoiden näkökulmista”) received 10 000 euros from Jenny and Antti Wihuri Foundation in 2010. However, it was assumed in this study that the project was carried out in 2011.

Table 5. Ongoing separately funded copyright-related projects in universities and research institutes

Project title	Finnish universities or research institutes involved in the project	The number of researchers ³²	Funding ³³	Funding Period	Interviewees' estimation of the share of copyright-related issues
Assessing the operation of copyright and related rights systems ³⁴	Foundation for Cultural Policy Research (Cupore)	approx.1,75	<u>Total: 593 647 euros</u> Finnish Ministry of Education and Culture: 593 647	1.5.2009 - 31.12.2014	100 %
ECOHERENCE – Reconciling economic and non-economic values in multi-polar society ³⁵	University of Turku – Faculty of Law	2-3	<u>Total: 642 858 euros</u> Academy of Finland: 450 000 University of Turku: 192 858	1.9.2013 - 31.8.2016	10-15 %
FACE – Facing the coordination challenge: problems, policies and politics in media and communication regulation ³⁶	University of Helsinki – Faculty of Social Sciences – Department of Social Research	2-3	<u>Total: 743 000 euros</u> ³⁷ Academy of Finland: 594 500 University of Helsinki: 148 500	1.9.2011 - 31.8.2015	20 %
New technologies in content production and distribution – the future of copyright and competition law ³⁸	University of Helsinki – Faculty of Law – Institute of International Economic Law (KATTI)	2	<u>Total: 120 000 euros</u> Helsingin Sanomat Foundation: 120 000	2011 - 2015	65 %
PatLim – the inner and outer limits of patent protection (PatLim) ³⁹	Hanken School of Economics and Helsinki Institute for Information	2,2	<u>Total: 1 000 000 euros</u> Academy of Finland: 800 000 Hanken: 100 000	1.9.2011 - 31.8.2015	10 %

³² The interviewees were asked to estimate the mean number of full-time researchers (including project leaders and research assistants) when considering the whole funding period. However, researchers financed from other sources than the project in question were not included in the estimations.

³³ The Academy of Finland and Tekes has financed 70% of the total costs of the projects started in 2012-2013. The Academy of Finland's share in the "PatLim" and "FACE" projects is 80%. The decimals of the amounts were removed.

³⁴ Information on the project was provided by Tiina Kautio, coordinator of the project at the Foundation for Cultural Policy Research (consulted on 4.11.2013 and 6.11.2013).

³⁵ Information on the project was provided by Tuomas Mylly, Associate Professor of Law at the Faculty of Law at the University of Turku and leader of the intellectual property related area in the "ECOHERENCE" project (face-to-face interview on 17.10.2013).

³⁶ Information on the project was provided by Hannu Nieminen, Professor of Media and Communication at the Department of Social Research at the University of Helsinki and leader of the "FACE" project (face-to-face interview on 22.10.2013).

³⁷ In addition, Hannu Nieminen has been awarded a grant (46 200 euros) from the Helsingin Sanomat Foundation for a visiting scholar period at the University of Westminster including comparative research on topics related to "FACE"-project. See the document of the funding decision in English at http://www.hssaatio.fi/en/images/stories/hss_grants_2012.pdf. Visited on 25.10.2013.

³⁸ Information on the project was provided by Taina Pihlajarinne, Professor of Copyright at the Faculty of Law at the University of Helsinki. Leader of the Media Law Project at the Institute of International Economic Law (face-to-face interview on 21.10.2013).

³⁹ Information on the project was provided by Marcus Norrgård, Professor of Law at the Vaasa Unit of Legal Studies of University of Helsinki. Leader of the "PatLim" project at the Hanken School of Economics (consulted by phone on 20.11.2013).

	Technology (HIIT)/Aalto University		HIIT/Aalto University: 100 000		
Real protection: platform for copyright protection using available components ⁴⁰	University of Jyväskylä – Faculty of Information Technology – Department of Mathematical Information Technology	5-6 ⁴¹	<u>Total: 1 200 000 euros</u> Tekes: 840 000 University of Jyväskylä: 360 000	1.10.2012 - 30.09.2014	100 % ⁴²
TransSIP – Legal transplant for innovation and creativity: A Sino-Finnish comparative study on governance of intellectual property rights ⁴³	Hanken School of Economics and University of Helsinki	4	<u>Total: 1 374 714 euros</u> Academy of Finland: 962 300 Hanken and University of Helsinki: 412 414	1.1.2013 - 31.12.2015	70-80%

SECTION 2. COPYRIGHT-RELATED EDUCATION IN UNIVERSITIES

Intellectual property related education⁴⁴ in university faculties or schools providing education in law and/or business⁴⁵ was studied through study guides. Descriptions of the courses⁴⁶ in the programs leading to a bachelor's or master's degree⁴⁷ were analyzed for intellectual property related keywords⁴⁸.

⁴⁰ Information on the project was provided by Erkki Kurkinen, researcher and the leader of the “Real Protection” project at the Department of Mathematical Information Technology at the University of Jyväskylä (face-to-face interview on 16.10.2013).

⁴¹ The project researchers are located in Israel, United States of America and Jyväskylä. Erkki Kurkinen is project's only researcher at the University of Jyväskylä.

⁴² The project focuses on developing and commercialization of the copyright protection mechanisms. The study does not analyze copyright issues from the system perspective.

⁴³ Information concerning the project was provided by Niklas Bruun, Professor in Commercial Law at the Hanken School of Economics. Researcher in the “TranSIP” project (face-to-face interview on 7.11.2013). Information concerning the funding was provided by Nari Lee, the Project's leader at the Hanken School of Economics (consulted on 27.11.2013 by e-mail).

⁴⁴ In the faculties or schools of law and business, copyright-related topics are usually included in intellectual property related courses. This study does not make a separation between intellectual property and copyright-related education. However, courses focusing on industrial property rights were not included in the results of this study.

⁴⁵ In addition to the faculties or schools of law and business, disciplines of law and business in the faculties of social sciences and philosophy were analyzed. Faculties or schools focusing on economics of agriculture, forestry or industrial management were not included in the scope of this study.

⁴⁶ Contents and learning objectives of the courses were analyzed. Descriptions of several courses were not found. In those cases, only course titles were analyzed for intellectual property related keywords.

⁴⁷ Doctoral programs were not analyzed because the programs are organized in diverse ways (for example within the faculty or school, or in cooperation with other universities or research institutes) and as the contents of doctoral programs are often not pre-defined or presented in the study guides. All minor subject modules were not analyzed. However, the intellectual property related courses in the minors subject modules were reported if found when analyzing the study guides. It can be estimated that at the maximum, a few courses remained unnoticed because of this.

The courses found were divided into two categories: (1) Courses focusing explicitly on intellectual property related issues⁴⁹ and (2) Courses including intellectual property related keywords in the course descriptions. In this section, the numbers of these courses as well as their ECTS credits⁵⁰ are presented.

Communication or language studies were not analyzed in this study. The study credits received from master's theses in the degree programs focusing on intellectual property were added to the total number of credits. Credits involved in research seminars and methodology or other studies related to theses were added to the results only if the studies were provided as separate courses⁵¹ and intellectual property related keywords were found from the titles of these courses. Therefore, the numbers of credits involved in courses in the degree programs focusing on intellectual property issues are only approximations and do not provide comparable information on the quantity of intellectual property related education provided in these programs⁵². However, these numbers tell which faculties or schools are focusing on intellectual property related education in Finland.

Intellectual property related education was analyzed in six faculties or schools providing law studies and in twelve faculties or schools offering business studies. Three of them provided master's degree programs or master's level studies focusing on intellectual property issues: University of Helsinki's Faculty of Law (2 programs), University of Turku's Faculty of Law and Hanken School of Economics. The curricula of the other analyzed faculties or schools included 0-25 ECTS credits focusing on intellectual property and varying numbers of courses including intellectual property related keywords in the course descriptions.

The results of the study are summarized in the following table.

⁴⁸ The following keywords were searched from the course titles and descriptions of the study guides: copyright ("tekijänoikeus" in Finnish and "upphovsrätt" in Swedish), intellectual property ("immateriaalioikeus" in Finnish and "immaterialrätt" in Swedish), IPR, DRM, digital rights management, Open Source, Open Content, Open Data. Copyright-related topics may be part of the themes "intellectual capital" ("Aineeton pääoma" in Finnish), "open innovation" ("Avoin innovaatio" in Finnish), "information law", "Internet law", "ICT-law" and "Communication law", but courses focusing on these were included into the results only if the keywords mentioned above were found from the course descriptions.

⁴⁹ Intellectual property was part of the courses' titles or one of the two main themes of the courses.

⁵⁰ From now on abbreviated as ECTS, see description of the European Credit Transfer and Accumulation System on the European Commission website, available in English at http://ec.europa.eu/education/lifelong-learning-policy/ects_en.htm. Visited on 24.5.2013.

⁵¹ Not as a part of larger modules.

⁵² Research seminars and methodology or other studies related to theses in these programs are usually focusing on intellectual property issues. However, analyzing the amount of study credits involved in these studies in the programs that are organized in very different ways proved out to be difficult. Research methodology and seminar courses in other degree programs were not analyzed either. Analyzing descriptions of these courses would require separate assessment criteria, because the intellectual property related keywords defined in this study are mentioned infrequently in descriptions of these courses.

Table 6. Intellectual property related education at the university faculties or schools providing studies in law and business			
Faculty/school /department	The number of master's degree programs focusing on intellectual property⁵³	The total number of ECTS credits and courses focusing explicitly on intellectual property related issues	The total number of ECTS credits and courses including intellectual property related keywords in the course descriptions
Faculties, schools and departments of law			
University of Eastern Finland – Law School	0	16 ECTS (3 courses)	Course descriptions were not analyzed⁵⁴
University of Helsinki – Faculty of Law	2 1. Two projects for master's level students of Law focusing on intellectual property rights (one especially on copyright) 2. Master's Degree Program in International Business Law and Public International Law (MIBL) (focusing on intellectual property related issues)	146 ECTS 12 courses (66 ECTS) + Master's theses in two programs (40 + 40 ECTS)	33 ECTS (5 courses)
University of Lapland – Faculty of Law	0	14 ECTS (3 courses)	6 ECTS (1 course)
University of Turku – Faculty of Law	1 Master's Degree Program in Law and Information Society (LIS)	80 ECTS 5 courses (40 ECTS) + Master's thesis (40 ECTS)	30 ECTS (4 courses)
University of Vaasa – Department of Public Law	0	0 ECTS	0 ECTS
Åbo Akademi University – Department of Law	0	5 ECTS (1 course) + Courses offered at the Turku Law School ⁵⁵	14 ECTS (3 courses) + Courses offered at the Turku Law School
Faculties, schools and departments of business			
Aalto University – School of Business	0	18 ECTS (3 courses)	42 ECTS (7 courses)
Hanken School of Economics	1 Master's Degree Program in Intellectual Property Law (IPL)	114 ECTS 11 courses (84 ECTS) + Master's thesis (30 ECTS)	8 ECTS (1 course)
Lappeenranta University of Technology – School of Business	0	6 ECTS (1 course)	6 ECTS (2 courses)

⁵³ Intellectual property is one of the main themes of the program. 70 or more ECTS are devoted for intellectual property related issues. Intellectual property is named as one of the main themes for master's theses.

⁵⁴ Only titles of the courses were analyzed, because descriptions of the courses were not part of the study guide or document including course descriptions. Course descriptions are available at the Weboodi-student portal, but the researcher was not able to find them. It can be assumed that the course descriptions are restricted to the students of the University of Eastern Finland.

⁵⁵ The courses focusing on intellectual property are organized by the University of Turku's Faculty of Law, but they are available for students of the Åbo Akademi University.

University of Eastern Finland – Business School	0	11 ECTS (2 courses)	Course descriptions were not analyzed ⁵⁶
University of Helsinki – Department of Political and Economic Studies	0	0 ECTS	0 ECTS
University of Jyväskylä – Jyväskylä University School of Business and Economics	0	5 ECTS (1 course)	4 ECTS (1 course)
University of Lapland – Faculty of Social Sciences	0	0 ECTS	0 ECTS
University of Oulu – Oulu Business School	0	12 ECTS (2 courses)	5 ECTS (1 course)
University of Tampere – School of Management	0	5 ECTS (1 course)	15 ECTS (3 courses)
University of Turku – Turku School of Economics	0	25 ECTS (4 courses)	24 ECTS (4 courses)
University of Vaasa – Faculty of Business Studies	0	6 ECTS (1 course)	25 ECTS (4 courses)
Åbo Akademi University – School of Business and Economics	0	0 ECTS	10 ECTS (2 courses)

In the following paragraphs, faculties, schools and departments are analyzed separately and intellectual property related study programs and courses are presented.

A. FACULTIES, SCHOOLS AND DEPARTMENTS OF LAW

▪ UNIVERSITY OF EASTERN FINLAND – LAW SCHOOL^{57 58}

The number of study programs focusing on intellectual property	The total number of ECTS credits and courses focusing explicitly on intellectual property related issues	The total number of ECTS credits and courses including intellectual property related keywords in the course descriptions
-	16 ECTS 3 courses	Not analyzed

⁵⁶ Only titles of the courses were analyzed, because descriptions of the courses were not part of the study guide or separate document including course descriptions. Course descriptions are available at the Weboodi-student portal, but the researcher was not able to find them. It can be assumed that the course descriptions are restricted to the students of the University of Eastern Finland.

⁵⁷ The information presented in this chapter is based on the study guide of the Law School at the University of Eastern Finland, available in Finnish at <http://www.uef.fi/fi/oikeustieteet/opinto-oppaat-ja-ohjeet>. and the study guide of the Master's Degree Program in Environmental Policy and Law, available in English at <http://www.uef.fi/en/envlawandpolicy/studies>. Visited on 28.10.2013. Course description were not found and the analysis is based on the titles of the courses.

⁵⁸ The Law School at the University of Eastern Finland offers major subject studies in the following disciplines: European Law, Financial Law, Administrative Law, Criminal Law and Judicial Procedure, Civil Law, Environmental Law, as well as Law and Economics and Legislative studies. In addition, the school offers Masters Degree Program in Environmental Policy and Law and LL.M. Diploma Program in International and European Energy Law and Policy. See description of the studies on the website of the University of Eastern Finland, available in English at <http://www.uef.fi/en/oikeustieteet/etusivu>. Visited on 28.10.2013.

The Law School at the Faculty of Social Sciences and Business Studies at the University of Eastern Finland offers the following courses focusing explicitly on IPR-related issues:

- *“Introduction to Economics of Intellectual Property Rights”* (5 ECTS)⁵⁹
- *“Intellectual Property Law”* (5 ECTS)⁶⁰
- *“Intellectual Property Rights and International Trade”* (6 ECTS)⁶¹

Descriptions of the courses were not found and therefore contents or objectives of the courses were not analyzed for intellectual property related keywords⁶².

■ **UNIVERSITY OF HELSINKI – FACULTY OF LAW**^{63 64}

The number of study programs focusing on intellectual property	The total number of ECTS credits and courses focusing explicitly on intellectual property related issues	The total number of ECTS credits and courses including intellectual property related keywords in the course descriptions
2	146 ECTS	33 ECTS
1. Two projects for master’s level students of Law focusing on intellectual property rights (one especially on copyright) 2. Master’s Degree Program in International Business Law and Public International Law (MIBL) focusing on intellectual property	12 courses focusing on intellectual property related issues (66 ECTS) + Master’s theses in two degree programs (40 ECTS + 40 ECTS)	5 courses

The following courses focusing explicitly on intellectual property related issues are offered by the disciplines of Commercial Law (CL), Information and Communication Law (ICL) and Master’s Degree

⁵⁹ Translation by the researcher, original title in Finnish: ”Immateriaalioikeuksien taloustieteen perusteet”. This optional course is part of the bachelor’s and master’s level studies in “Law and Economics and Legislative Studies” and “Civil Law”. See the pages 14, 17 and 26 of the Law School’s study guide.

⁶⁰ Translation by the researcher, original title in Finnish: ”Immateriaalioikeus”. The course is compulsory in Bachelor of Laws degree and optional in the Degree program in Civil Law. The course is also part of the minor subject module “Information and Communication Technology Law”. See the pages 17, 22 and 30 of the Law School’s study guide.

⁶¹ This optional course is provided in the Degree Program in Civil Law. It is provided in the following minor subject modules as well: Business Law, International Commercial Law and International Study Program in Law. See the pages 16, 24, 29 and 30 of the study guide.

⁶² Only titles of the courses were analyzed, because descriptions of the courses were not part of the study guide or separate document including course descriptions. Course descriptions are available at the Weboodi-student portal, but the researcher was not able to find them. It can be assumed that the course descriptions are restricted to the students of the University of Eastern Finland.

⁶³ Information presented in this chapter, is based on the study guide (2014-2014) of the Faculty of Law, available in Finnish at http://www.helsinki.fi/oikeustiede/opiskelu/opinto-oppaat_pdf/Opinto-opas_2013-2014.pdf and degree structure of the Master’s Degree Program in International Business Law and Public International Law (MIBL), available in English at <http://www.helsinki.fi/lm/structure/Degree%20requirements%202013.pdf>. The student portal of the University of Helsinki was used as a complementary information source, available in English at <https://weboodi.helsinki.fi/hy/frame.jsp?Kieli=6&valittuKieli=6>. Visited on 30.09.2013.

⁶⁴ The Faculty of Law at the University of Helsinki provides a wide variety of studies in the field law. Studies are provided in bachelor’s and master’s levels in the disciplines such as Administrative Law, Commercial Law, Communication and Information Law, Constitutional Law, Criminal Law, European Law, Property Law, Family and Inheritance Law, Financial Law, Gender and Law, International Law, Labour Law, Land, Water and Environmental Law, Law and Economics, Law of Obligations, Legal History, Legal Theory, Medical and Bio Law, Private International Law and Comparative Law, Procedural and Insolvency Law, Property Law, Sociology of Law and Sports Law. See list of the disciplines on the website of University of Helsinki, available in English at <http://www.helsinki.fi/law/disciplines/index.html>. Visited on 27.10.2013.

Program in International Business Law and Public International Law (MICL)⁶⁵ at the Faculty of Law at the University of Helsinki:

- *“Intellectual Property Law “(10 ECTS, CL)*⁶⁶
- *“Nordic IP Moot Court Competition I” (8 ECTS, CL), “Nordic IP Moot Court Competition II” (6 ECTS, CL)*⁶⁷
- *“Competition and Intellectual Property Rights” (4 ECTS, CL)*⁶⁸
- *“Intellectual Property Law, Practical Course” (4 ECTS, CL)*⁶⁹
- *“Exploitation of intellectual Property Rights” (6 ECTS, CL)*⁷⁰
- *“Media Law and Intellectual Property Law in the Digital Environment” (6 ECTS, ICL)*⁷¹
- *“Intellectual Property Law, Basic Level “ (4 ECTS, MICL)*⁷²
- *“Intellectual Property Law, Advanced Level” (4 ECTS, MICL)*⁷³
- *“Cases and other Materials in European Intellectual Property” (6 ECTS, MICL)*⁷⁴
- *“Advanced Seminar on the Interface between Competition Law and IPR” (4 ECTS, MICL)*⁷⁵
- *“International IP Law” (4 ECTS, MICL)*⁷⁶

Intellectual property related issues are integrated with other teachings in the following courses:

- *“Compulsory subject studies in Commercial Law” (9 ECTS)*⁷⁷

⁶⁵ Descriptions of the courses “Contract Law”, “Competition Law”, “Comparative Legal History of Europe”, “Principles of Public International Law”, “International Organizations Law “ were not found. See the website and degree structure of the program in English at <http://www.helsinki.fi/llm/index.html> and <http://www.helsinki.fi/llm/structure/Degree%20requirements%202013.pdf>. Visited on 27.10.2013.

⁶⁶ Original title in Finnish: “Immateriaalioikeus”. Optional course in the discipline of Commercial Law. See the page 179 of the study guide.

⁶⁷ These two optional courses are provided in the discipline of Commercial Law. See the page 179 of the study guide.

⁶⁸ This optional course is provided in the discipline of Commercial Law. The course was not part of the study guide. It was found through student portal of the university, see the course description in English at https://weboodi.helsinki.fi/hy/opettaptied.jsp?MD5avain=&Kieli=1&OpetTap=96394252&takaisin=vl_kehys.jsp&Ilmoit=0&vltila=2&Opas=3344&ooo_SortJarj=3&Org=1000000821&haettuOpas=3344.

⁶⁹ Translation by the researcher, original title in Finnish: “Immateriaalioikeuden käytännön kurssi”. An optional practical course in the discipline of Commercial Law. See the page 232 of the study guide.

⁷⁰ Translation by the researcher, original title in Finnish: “Immateriaalioikeuksien hyödyntäminen”. This obligatory writing seminar course is part of the studies in the discipline of Commercial Law. See the page 144 of the study guide.

⁷¹ This writing seminar course is provided in the discipline of Communication and Information Law. The study guide did not include any information concerning intellectual property rights in this course. However, the course description in the student portal indicates that the seminar is focusing on intellectual property issues, see the course description in English at https://weboodi.helsinki.fi/hy/opettaptied.jsp?MD5avain=&Kieli=1&OpetTap=96405416&takaisin=vl_kehys.jsp&Ilmoit=0&vltila=2&Opas=3344&ooo_SortJarj=3&Org=1000000821&haettuOpas=3344. Visited on 2013.

⁷² Obligatory course for students in the Master’s Degree Program in International Business Law and Public International Law. Optional for The Finnish Master of Law students. See the course description on the student portal of the University of Helsinki, available in English at https://weboodi.helsinki.fi/hy/opettaptied.jsp?MD5avain=&Kieli=1&OpetTap=97319467&takaisin=vl_kehys.jsp&Ilmoit=0&vltila=2&Opas=3344&ooo_SortJarj=3&Org=1000000821&haettuOpas=3344 . Visited on 27.9.2013.

⁷³ Obligatory course for students in the MICL. See the description of the course in English at https://weboodi.helsinki.fi/hy/opettaptied.jsp?MD5avain=&Kieli=1&OpetTap=97319467&takaisin=vl_kehys.jsp&Ilmoit=0&vltila=2&Opas=3344&ooo_SortJarj=3&Org=1000000821&haettuOpas=3344. Visited on 27.10.2013.

⁷⁴ This writing seminar course is obligatory for students in the MICL. See the course description in English at https://weboodi.helsinki.fi/hy/opettaptied.jsp?MD5avain=&Kieli=1&OpetTap=96400555&takaisin=vl_kehys.jsp&Ilmoit=0&vltila=2&Opas=3344&ooo_SortJarj=3&Org=1000000821&haettuOpas=3344.

⁷⁵ This Master’s level seminar is targeted to the students in the MICL.

⁷⁶ The course is optional for student in the MICL. See the document presenting the studies in the MICL, available in English at <http://www.helsinki.fi/law/studies/mdp/IBL.2013-2014%20teaching%20programme.pdf>. Visited on 27.11.2013.

⁷⁷ Translation by the researcher, the original title in Finnish: “Kauppaoikeuden pakolliset aineopinnot”. See the page 71 of the study guide.

- *“Fundamentals of Information Law”* (6 ECTS)⁷⁸
- *“Contracts of the firm”* (7 ECTS)⁷⁹
- *“Disputation Resolution and Technology”* (8 ECTS)⁸⁰
- *“Practical Course on International Television and Film Agreements”* (3 ECTS)⁸¹

The Faculty of Law includes two Master’s Degree programs (120 ECTS) focusing on intellectual property related issues: (1) Master’s level studies including the specialization projects⁸² *“Management of intellectual property rights, especially from the perspective of copyright”*⁸³ and *“Vaasa Project 2013-2014: Special processes and legal protection”*⁸⁴ for Master of Laws students in Helsinki and Vaasa. The Commercial Law project focusing on copyright is coordinated by the IPR University Center and the project is open for students of the member universities of the center⁸⁵. (2) Master’s Degree Program in International Business Law and Public International Law (MICL) for international students. The specialization line of *“International Business Law”*⁸⁶ is focusing on intellectual property rights and *“Intellectual Property and Competition Law”* is named as a main theme for Master’s theses.⁸⁷

⁷⁸ This is a writing seminar course in the discipline of Communication and Information Law. See the page 158 of the study guide.

⁷⁹ This practical course is carried out in a cooperation with law firm. See the page 239 of the study guide.

⁸⁰ This course is part of the optional subject studies in Procedural and Insolvency Law. See the page 204 of the study guide.

⁸¹ See the page 235 of the study guide.

⁸² Finnish Master’s of Law degrees consists of General studies (6 ECTS), Subject studies (44 ECTS) and Advanced studies (70 ECTS). The advanced studies at the Faculty of Law are completed in projects. The projects consists of Methodology Seminar (5 ECTS), Optional studies supporting the project (5 ECTS), Project Exam (10 ECTS), Project Seminars (10 ECTS) and Master’s thesis (40 ECTS). Source: Page 102 of the study guide.

⁸³ Translation by the researcher, original title in English: “Immateriaalioikeuksien hallinta erityisesti tekijänoikeuden näkökulmasta”. See the page 114 of the study guide.

⁸⁴ Translation by the researcher, original title in Finnish: “Vaasa projekti 2013-2014: Erityisprosessit ja oikeussuoja”. Intellectual property rights are one the project’s main themes and the topics cover for example intellectual property related civil disputes and application matters (“immateriaalioikeudelliset riita- ja hakemusasiat” in Finnish). See the pages 125 and 126 of the study guide.

⁸⁵ The member universities are: The University of Helsinki, the University of Turku, the Aalto University and the Hanken School of Economics. The IPR University Center has coordinated intellectual property related projects since 2001. See list of the previously arranged projects on the website of the IPR University Center, available in Finnish at http://www.iprinfo.com/koulutus/perusopinnot/fi_FI/perusopinnot/. Visited on 4.11.2013.

⁸⁶ The focus areas of the program varies depending on the academic year (Information was provided by Taina Pihlajarinne, face-to-face interview on 21.10.2013). During the academic year 2013-2013, “The specialization in International Business Law familiarises students with a recent development of European and international business law focusing especially on the Intellectual Property (IP) Law and Competition Law. Special attention is paid to the international framework of IP and competition law, implementation of EU-directives and to the interaction of IP law with other fields of law and business models.” See description of the specialization in International Business Law at the website of the program, available in English at http://www.helsinki.fi/lm/structure/structure_content.html. Visited on 27.10.2013.

⁸⁷ According to Professor of Copyright Taina Pihlajarinne (face-to-face interview on 21.10.2013), the master’s level studies in the project “Management of intellectual property rights, especially from the perspective of copyright” and the MICL are very similar in their content.

The number of study programs focusing on intellectual property	The total number of ECTS credits and courses focusing explicitly on intellectual property related issues	The total number of ECTS credits and courses including intellectual property related keywords in the course descriptions
-	14 ECTS	6 ECTS
	3 courses	1 course

The following courses focusing explicitly on intellectual property related issues are offered at the Faculty of Law at the University of Lapland:

- *"Intellectual Property Law"* (3CTS)⁹⁰
- *"Copyright"* (6 ECTS)⁹¹
- *"Copyright in Culture and Experience Productions"* (5 ECTS)⁹²

Intellectual property related issues are integrated with other teaching s in the following course:

- *"International Law and Comparative Law"* (6 ECTS)⁹³

Courses including intellectual property related keywords were not found from the study guide of the discipline of Public Law at the Faculty of Social Sciences at the University of Lapland.

⁸⁸ Information presented in this chapter is based on the study guide (2013-2014) of the Faculty of Law, available in Finnish at <http://www.ulapland.fi/loader.aspx?id=4f5c6637-c45d-474c-922c-8992c845af11>, study guide of the Master's Degree Program in International and Comparative Law, available in English at <http://www.ulapland.fi/InEnglish/Units/Faculty-of-Law/Studies/Degree-Programmes/Master-of-International-and-Comparative-Law/Structure-of-the-Programme>. In addition, the study guide (2013-2015) of the discipline of "Public Law" at the Faculty of Social Sciences was analyzed, available in Finnish at <http://www.ulapland.fi/loader.aspx?id=4e7871f0-166f-4b74-b54d-20c32220b8ae>. Visited on 23.01.2014. Pages 86-113.

⁸⁹ The Faculty of Law at the University of Lapland provides a wide variety of studies in the field of law. The studies are provided in bachelor's and master's levels in the disciplines such as Property Law, European Law, Finance Law, Administrative Law, Intellectual Property Law, International Law, International Law and Comparative Law, Commercial Law, Legal Informatics as well as Legal Culture and Linguistics (translation by the researcher, original title in Finnish: "Oikeuskulttuuri ja oikeuslingvistiikka"). See full list of the disciplines in Finnish at <http://www.ulapland.fi/Suomeksi/Yksikot/Oikeustieteiden-tiedekunta/Opinnot/Oppiaineet>. Visited on 28.10.2013. In addition, the Faculty of Social Sciences provides studies in Public Law.

⁹⁰ Translation by the researcher, original title in Finnish: "Immateriaalioikeus". This course is optional in the Bachelor of Laws degree. See the page 139 of the study guide.

⁹¹ Translation by the researcher, original title in Finnish: "Tekijänoikeudet". This optional course is part of the subject studies in Bachelor and Master of Laws degrees. See the page 141 of the study guide.

⁹² Translation by the researcher, original title in Finnish: "Tekijänoikeudet kulttuuri- ja elämystuotannossa". This optional course is part of the subject studies in Bachelor and Master of Laws degrees. See the page 44 of the study guide.

⁹³ Translation by the researcher, original title in Finnish: "Kansainvälinen yksityisoikeus ja oikeusvertailu". See the page 261 of the study guide.

▪ UNIVERSITY OF TURKU – FACULTY OF LAW^{94 95}

The number of study programs focusing on intellectual property	The total number of ECTS credits and courses focusing explicitly on intellectual property related issues	The total number of ECTS credits and courses including intellectual property related keywords in the course descriptions
1	80 ECTS	30 ECTS
Master's Degree Program in Law and Information Society (LIS)	5 courses (40 ECTS) + Master's thesis (40 ECTS)	4 courses

The Faculty of Law at the University of Turku offers a Master's Degree Program in Law and Information Society (LIS)⁹⁶. Intellectual property related education at the Faculty of Law is mainly provided as part of this program⁹⁷. The Faculty of Law offers the following courses focusing explicitly on intellectual property related issues⁹⁸:

- *"Foundations of International and European Intellectual Property Law"* (6 ECTS, LIS, TLS)⁹⁹
- *"Economic Analysis of Intellectual Property Law"* (7 ECTS, LIS, TLS)¹⁰⁰
- *"United States Intellectual Property Law in a World Perspective"* (3 ECTS, LIS, TLS)¹⁰¹
- *"Information Law in Europe and Beyond: Current Issues and Perspectives"* (12 ECTS, LIS, TLS)¹⁰²
- *"Nordic Intellectual Property Law Moot Court!"* 12 ECTS, LIS, TLS)¹⁰³

⁹⁴ Information presented in this chapter is based on the study guide (2013-2014) of the Faculty of Law at the University of Turku available in Finnish at <https://nettiopsu.utu.fi/opas/index.htm#O> and study guide (2013-2014) of the Turku Law School (TLS) available in English at http://www.utu.fi/en/units/law/studying/turku-law-school/Documents/TLS_opas_1314.pdf. Visited on 28.10.2013.

⁹⁵ The Faculty of Law at the University of Turku offers studies in the following disciplines: Administrative Studies, Commercial Law, Constitutional Law, Criminal Law, Environmental Law, European Law, Family and Inheritance Law, Financial Law, International Law, Jurisprudence, Labour Law, Law of Obligations, Legal History, Procedural Law, Property Law, Sociology of Law and Criminology. In addition, the Faculty of Law offers Master's Degree Program in Law and Information Society (LIS). See list of the disciplines on the website of the University of Turku, available in English at <http://www.utu.fi/en/units/law/research/disciplines/Pages/home.aspx>.

⁹⁶ The program was established in the year 2011. "The Master's Degree Programme in Law and Information Society (LIS) offers a unique combination of international and European intellectual property, constitutional and communications law, and interdisciplinary perspectives. Such a broader understanding of the legal phenomena of the information society is inevitable for practicing lawyers in demanding positions and legal scholars alike". See the website of the program in English at <http://www.utu.fi/EN/UNITS/LAW/STUDYING/MASTERS-DEGREE-PROGRAM/Pages/home.aspx>. Visited on 1.12.2013.

⁹⁷ Most of the courses offered in the Master's Degree Program in Law and Information Society (LIS) are available as optional courses for other students as well. The courses are recommended for the Master's level students specializing in Civil Law.

⁹⁸ Most of the courses are arranged by the Turku Law School: "Turku Law School (TLS) is a cooperative organization involving the two universities in Turku: the Faculty of Law and the Turku School of Economics of the University of Turku, and the Law Department of the Åbo Akademi University." All courses organized by the TLS are available for students who are completing their degrees in these institutions. Sources:

- Study guide of the Turku Law School, available in English at <http://www.abo.fi/media/27218/turkulawschoolstudyguide20132014.pdf>. Page 1. Visited on 1.10.2013.
- Description of the Turku Law School on the website of the Åbo Akademi, available in Swedish at <http://www.abo.fi/institution/studiervi>. Visited on 1.10.2013.

⁹⁹ Compulsory course for the students in the LIS program. See the page 8 of the TLS's study guide.

¹⁰⁰ Optional course for the students in the LIS program. See the page 15 of the TLS's study guide.

¹⁰¹ Optional course for the students in the LIS program. See the page 36 of the TLS's study guide.

¹⁰² Specialization course for the students in the LIS program. See the page 37 of the TLS's study guide.

¹⁰³ Optional course provided by the Turku Law School. See description of the course on the website of the University of Turku, available in English at <https://nettiopsu.utu.fi/opas/opintojakso.htm?rid=14367&cid=10&uiLang=fi&lang=en&lvv=2013>. Visited on 30.9.2013.

Intellectual property related issues are integrated with other teachings in the following courses:

- *“Commercial Law”* (7 ECTS)¹⁰⁴.
- *“Introduction to WTO Law”* (5 ECTS, TLS)¹⁰⁵
- *“Comparative European Constitutionalism”* (12 ECTS, TLS)¹⁰⁶.
- *“Law and Economics, Especially in Property Law”* (6 ECTS)¹⁰⁷

▪ **UNIVERSITY OF VAASA – DEPARTMENT OF PUBLIC LAW**^{108 109}

The number of study programs focusing on intellectual property	The total number of ECTS credits and courses focusing explicitly on intellectual property related issues	The total number of ECTS credits and courses including intellectual property related keywords in the course descriptions
-	0 ECTS	0 ECTS
	-	-

Courses including intellectual property related keywords were not found from the study guide of the discipline of Public Law at the Faculty of Philosophy at the University of Vaasa.

▪ **ÅBO AKADEMI UNIVERSITY – DEPARTMENT OF LAW**^{110 111}

The number of study programs focusing on intellectual property	The total number of ECTS credits and courses focusing explicitly on intellectual property related issues	The total number of ECTS credits and courses including intellectual property related keywords in the course descriptions
-	5 ECTS	14 ECTS
	1 course + courses offered at the Turku Law School	3 courses + courses offered at the Turku Law School

¹⁰⁴ Translation by the researcher, original title in Finnish: “Kauppaoikeus”. The course is compulsory for the Bachelor of Laws degree students. Description of the course available in Finnish at <https://nettiopsu.utu.fi/opas/opintojakso.htm?rid=14383&idx=7&uiLang=fi&lang=fi&lvv=2013>. Visited on 1.10.2013.

¹⁰⁵ See the page 16 of the TLS’s study guide.

¹⁰⁶ See the page 34 of the TLS’s study guide.

¹⁰⁷ Translation by the researcher, original title in Finnish: “Oikeustaloustiede erityisesti varallisuus oikeudessa”. Optional course provided by the Faculty of Law. See description of the course in Finnish at <https://nettiopsu.utu.fi/opas/opintojakso.htm?rid=14371&idx=2&uiLang=fi&lang=fi&lvv=2013>.

¹⁰⁸ Information presented in this chapter is based on the study guide (2013-2014) of the Discipline of Public Law, available in Finnish at http://www.uva.fi/fi/for/student/materials/handbooks/administrative_sciences/handbook2013/.

¹⁰⁹ The department provides Bachelor’s and Master’s level studies in Public Law, see the website of the department in English at http://www.uva.fi/fi/about/organisation/faculties/public_law/. Visited on 28.11.2013.

¹¹⁰ Information presented in this chapter is based on the study guide (2013-2014) of the Department of Law and course descriptions of the Åbo Akademi University, available in Swedish at <http://www.abo.fi/institution/rattsvetstudiehandbok20132014> and <http://admin.abo.fi/kurser/>. Visited on 14.10.2013.

¹¹¹ The Department of Law at the Åbo Akademi University offers studies in the following disciplines: Commercial Law, Private Law, Public Law, Public International Law, Maritime Law, Public Management and International Human Rights Law. In addition, the department offers Bachelor of Laws Program (part of the courses are completed at the University of Turku’s Faculty of Law).

The Department of Law at the Division for Social Sciences at the Åbo Akademi University offers the following course focusing explicitly on intellectual property related issues:

- *“Marketing and Intellectual Property Law”* (5 ECTS)¹¹²

Intellectual property related issues are integrated with other teachings in the following courses:

- *“Business Law”* (2 ECTS)¹¹³
- *“Contract Law”* (10 ECTS)¹¹⁴
- *“New Trends in Electronic Commerce Law: E-marketplaces and Electronic Trading Systems, Negotiability of Rights and Instruments”* (2 ECTS)¹¹⁵

B. FACULTIES, SCHOOLS AND DEPARTMENTS OF BUSINESS

▪ AALTO UNIVERSITY – SCHOOL OF BUSINESS^{116 117}

The number of study programs focusing on intellectual property	The total number of ECTS credits and courses focusing explicitly on intellectual property related issues	The total number of ECTS credits and courses including intellectual property related keywords in the course descriptions
-	18 ECTS	42 ECTS
	3 courses	7 courses

The following courses focusing explicitly on intellectual property related issues are offered at the Aalto University School of Business:

- *“Fundamentals of Intellectual Property Law I”* (6 ECTS)¹¹⁸
- *“Intellectual Property Rights”* (6 ECTS)¹¹⁹
- *“Strategic Aspects of Industrial Property Rights”* (6 ECTS)¹²⁰

¹¹² Translation by the researcher, original title in Swedish: “Marknads- och immaterialrätt”. This optional course is part of the bachelor’s and master’s level studies in Commercial law, Private Law and Bachelor of Laws program. See the course description in Swedish at <http://admin.abo.fi/kurser/index.php?vid=34747>. Visited on 14.10.2013.

¹¹³ Translation by the researcher, original title in Swedish: “Affärsjuridik”. This optional course is part of the bachelor’s level studies in Commercial Law, Maritime Law, Private Law, Public Law and Public International Law. See the description of the course in Swedish at <http://admin.abo.fi/kurser/index.php?vid=34737>. Visited on 14.10.2013.

¹¹⁴ Translation by the researcher, original title in Swedish: “Kontraktsträtt”. This optional course is part of the bachelor’s and master’s level studies in Commercial Law and Private Law. See description of the course in Swedish at <http://admin.abo.fi/kurser/index.php?vid=35407>. Visited on 14.10.2013.

¹¹⁵ This optional course is part of the bachelor’s and master’s level studies in Commercial Law and Private Law. The course is organized within the Turku Law School and is available for students of the University of Turku as well. See the course description in English at <http://admin.abo.fi/kurser/index.php?vid=35406>. Visited on 14.10.2013.

¹¹⁶ The information presented in this chapter is based on the document including course descriptions of the School of Business at the Aalto University, available in Finnish at <http://studyguides.aalto.fi/biz/2013-13/fi/>. The study guide of the school was used as a complementary information source on course details, but all degree structures were not separately analyzed. https://into.aalto.fi/download/attachments/7969342/kurssikuvaukset_Intoon_elo_kuu_2013.pdf?version=1&modificationDate=1377008037000. Degree structures or course description for Bachelor’s Degree Program in International Business was not found. Visited on 6.10.2013.

¹¹⁷ The School of Business at the Aalto University provides studies in Management, Accounting, Business Technology, Marketing, Finance, Economics, Communication, Business Law, Corporate Communication, Entrepreneurship, Information and Service Management, Management and International Business, and Marketing.

¹¹⁸ This optional course is part of the Master’s level studies in Business Law. The course is lectured at the Hanken School of Economics. See the pages 93 and 94 of the document including course descriptions.

¹¹⁹ This optional course is part of the Master’s level studies in Information and Service Management. See the page 181 of the document including course descriptions.

Intellectual property related issues are integrated with other teachings in the following courses:

- *“Legal Aspects of Electronic Commerce”* (6 ECTS) ¹²¹
- *“Competition Law I”* (6 ECTS) ¹²²
- *“Competition Law II”* (6 ECTS) ¹²³
- *“Legal Environment of Business (Including IPR)”* (6 ECTS) ¹²⁴
- *“Capstone: Business Law”* (6 ECTS) ¹²⁵
- *“Management of Technology”* (6 ECTS) ¹²⁶
- *“Information Economy”* (6 ECTS) ¹²⁷

▪ **HANKEN SCHOOL OF ECONOMICS**^{128 129}

The number of study programs focusing on intellectual property	The total number of ECTS credits and courses focusing explicitly on intellectual property related issues	The total number of ECTS credits and courses including intellectual property related keywords in the course descriptions
1	114 ECTS	8 ECTS
Master’s Degree Program in Intellectual Property Law (IPL)	11 courses (84 ECTS) + Master’s thesis (30 ECTS)	1 course

A major part of the intellectual property related courses at the Hanken School of Economics are provided as part of the Master’s Degree Program in Intellectual Property Law (IPL)¹³⁰. The following

¹²⁰ This optional course is part of Bachelor’s level specialization studies in Business Law. The course’s topics cover intellectual property system in a broader sense, although the title refers to “industrial property rights”. The course is part of the old qualification requirements, see the page 82 of the document including course descriptions, available in Finnish at https://into.aalto.fi/download/attachments/7969342/kurssikuvaukset_Intoon_elokuu_2013.pdf?version=1&modificationDate=1377008037000. Visited on 6.10.2013.

¹²¹ This optional course is part of Bachelor’s level specialization studies in Business Law. The course is part of the old qualification requirements, see the pages 81-82 and 93 of the document including course descriptions, available in Finnish at https://into.aalto.fi/download/attachments/7969342/kurssikuvaukset_Intoon_elokuu_2013.pdf?version=1&modificationDate=1377008037000. Visited on 6.10.2013.

¹²² This optional course is part of the Master’s level studies in Business Law. See the page 88 of the document including course descriptions.

¹²³ This optional course is part of the Master’s level studies in Business Law. See the page 93 of the document including course descriptions.

¹²⁴ This optional course is part of the Master’s level studies in Business Law. See the page 91 of the document including course descriptions.

¹²⁵ This compulsory course is part of the Master’s level studies in Business Law. See the page 96 of the document including course descriptions.

¹²⁶ This optional course is part of the Bachelor’s level studies in Business Technology. See the page 178 of the document including course descriptions.

¹²⁷ This compulsory course is part of the Master’ level studies in Information and Service Management. See the page 186 of the document including course descriptions.

¹²⁸ Information presented in this chapter is based on the study guide of the Hanken School of Economics, available in Swedish at <http://www.hanken.fi/student/StudyHandbook>. Visited on 28.10.2013.

¹²⁹ The Hanken School of Economics provides studies in the following disciplines: Politics and Business (Ekonomisk politologi in Swedish), Entrepreneurship, Management and Organisation, Financial Economics, Commercial Law, Information Systems Science, Supply Chain Management and Corporate Geography, Marketing, Economics (Nationalekonomi in Swedish), Accounting, Statistics. In addition, the following master’s degree programs are offered at the Hanken School of Economics: Corporate Governance, Economics, Financial Economics, Intellectual Property Law, International Management and Strategy, Marketing, Business Law (Vasa Campus), Strategic Marketing Management (Vasa Campus, “strategisk marknadsföringsledning” in Swedish), Quantitative Finance, Strategic Entrepreneurship and Marketing.

courses focusing explicitly on intellectual property related issues are offered at the Hanken School of Economics:

- *“Fundamentals of Intellectual Property Law I”* (8 ECTS, IPL)¹³¹
- *“Fundamentals of Intellectual Property Law II”* (8 ECTS, IPL)¹³²
- *“Advanced Intellectual Property Law”* (8 ECTS, IPL)¹³³
- *“International and Comparative Intellectual Property Law”* (8 ECTS, IPL)¹³⁴
- *“Law and Economics of Intellectual Property”* (8 ECTS, IPL)¹³⁵
- *“Intellectual Property Strategy for Business”* (8 ECTS, IPL)¹³⁶
- *“Literature Course in Intellectual Property Law”* (8 ECTS)¹³⁷
- *“Nordic IP Moot Court Competition I”* (8 ECTS)¹³⁸
- *“Nordic IP Moot Court Competition II”* (6 ECTS)¹³⁹
- *“Competition and Intellectual Property Law”* (6 ECTS)¹⁴⁰
- *“IP-Law in Context – Methodological and Theoretical Foundations”* (8 ECTS)¹⁴¹

Intellectual property related issues are integrated with other teachings in the following course:

- *“Management Information Systems”* (8 ECTS)¹⁴²

¹³⁰ The Master’s Degree Program in Intellectual Property Law at Hanken School of Economics is a two year program (120 ECTS credits) focusing on intellectual property issues. The program was commenced in 2007 and is led by the Professor Niklas Bruun. The Program is located at the Department of Commercial Law and works in co-operation with the IPR University Center. Copyright issues form central part together with other intellectual property rights of the program’s teaching and the issues are treated from the legal and economic perspectives. See website of the program in English at <http://www.hanken.fi/public/en/ipl>. Visited on 18.9.2013.

¹³¹ This optional course is part of the Master’s level studies in Commercial Law. See description of the course in English at <http://www.hanken.fi/student/StudyHandbook/Course/course/3774/?location=1>. Visited on 28.10.2013.

¹³² See description of the course in English at <http://www.hanken.fi/student/StudyHandbook/Course/course/3790/?location=1>. Visited on 28.10.2013.

¹³³ This optional course is part of the Master’s level studies in Commercial Law. See description of the course in English at <http://www.hanken.fi/student/StudyHandbook/Course/course/3741/?location=1>. Visited on 29.10.2013.

¹³⁴ See description of the course in English at <http://www.hanken.fi/student/StudyHandbook/Course/course/3776/?location=1>. Visited on 28.10.2013.

¹³⁵ This optional course is part of the Master’s level studies in Commercial Law. See description of the course in English at <http://www.hanken.fi/student/StudyHandbook/Course/course/3775/?location=1>. Visited on 28.10.2013.

¹³⁶ See description of the course in English at <http://www.hanken.fi/student/StudyHandbook/Course/course/3791/?location=1>. Visited on 28.10.2013.

¹³⁷ See description of the course in English at <http://www.hanken.fi/student/StudyHandbook/Course/course/3783/?location=1>. Visited on 28.10.2013.

¹³⁸ See description of the course in English at <http://www.hanken.fi/student/StudyHandbook/Course/course/3781/?location=1>. Visited on 28.10.2013.

¹³⁹ See description of the course in English at <http://www.hanken.fi/student/StudyHandbook/Course/course/3782/?location=1>. Visited on 28.10.2013.

¹⁴⁰ Translation by the researcher, original title in Swedish: “Konkurrens- och immaterialrätt”. The course is part of compulsory Bachelor’s level studies provided in Commercial Law at the Vasa Campus. See the course description in Swedish at <http://www.hanken.fi/student/StudyHandbook/StudyPlan/subject/9/?location=2>. Visited on 29.10.2013.

¹⁴¹ The course is targeted to doctoral students, but available for other students if places are available.

¹⁴² This optional course is part of the Master’s level studies in Information Systems Science. See description of the course in English at <http://www.hanken.fi/student/StudyHandbook/Course/course/2572/?location=1>. Visited on 29.10.2013.

The number of study programs focusing on intellectual property	The total number of ECTS credits and courses focusing explicitly on intellectual property related issues	The total number of ECTS credits and courses including intellectual property related keywords in the course descriptions
-	6 ECTS	6 ECTS
	1 course	2 courses

The following courses focusing explicitly on intellectual property related issues are offered at the School of Business at the Lappeenranta University of Technology:

- *“Immaterial Rights and Their Use in Entrepreneurship”* (6 ECTS)¹⁴⁵

Intellectual property related issues are integrated with other teachings in the following courses:

- *“Global Innovation Networks”* (3 ECTS)¹⁴⁶.
- *“Managing in the Global Environment”* (3 ECTS)¹⁴⁷

¹⁴³ The information presented in this chapter is based on the study guide (2013-2014) of the School of Business at the Lappeenranta University of Technology and document presenting study programs and courses provided in English at the Lappeenranta University of Technology (this document was analyzed only by searching with intellectual property related keywords presented in the beginning of this section). The study guides are available in Finnish and English at https://uni.lut.fi/fi/c/document_library/get_file?uuid=76b4ad0d-5b4a-4f47-bdde-cdf5ffeb0658&groupId=10304 and https://uni.lut.fi/fi/c/document_library/get_file?uuid=263fd2f4-8c91-4d30-9ec3-7d5c09bd5c21&groupId=10304. Visited on 7.10.2013.

¹⁴⁴ The Bachelor’s program at the School of Business includes two specialization areas: (1) International Business (2) Financial Management. Students who have started studies before 2012 can specialize in Management as well. The school of Business provides master’s degree programs in Finnish in Accounting, Strategic Management, Sourcing Management (Translation by the researcher, original title in Finnish: “Hankintojen johtaminen”), and Knowledge Management and Leadership. Four master’s degree programs in English are provided at the school as well: (1) Strategic Finance and Business Analytics (2) Strategy, Innovation and Sustainability (3) International Marketing Management (4) Supply Management. See description of the studies on the website of LUT, available in English at <http://www.lut.fi/web/en/school-of-business/studies>. Visited on 29.10.2013.

¹⁴⁵ This optional course is part of the Bachelor’s level studies in the specialization line of “Management”. The course is also available for students in the Master’s Degree Program in Knowledge Management and Information Networks, as well as for students of the minor subject study module in Business Law. See the pages 65, 122 and 210 of the study guide.

¹⁴⁶ The course is part of the non-degree study program “The International Business and Technology Management”. See the page 280 of the document describing the courses provided in English, available at https://uni.lut.fi/fi/c/document_library/get_file?uuid=263fd2f4-8c91-4d30-9ec3-7d5c09bd5c21&groupId=10304. Visited on 7.10.2013.

¹⁴⁷ The course is part of the non-degree study program “The International Business and Technology Management”. See the page 281 of the document describing the courses provided in English, available at https://uni.lut.fi/fi/c/document_library/get_file?uuid=263fd2f4-8c91-4d30-9ec3-7d5c09bd5c21&groupId=10304. Visited on 7.10.2013.

▪ UNIVERSITY OF EASTERN FINLAND – BUSINESS SCHOOL^{148 149}

The number of study programs focusing on intellectual property	The total number of ECTS credits and courses focusing explicitly on intellectual property related issues	The total number of ECTS credits and courses including intellectual property related keywords in the course descriptions
-	11 ECTS	Course descriptions were not analyzed
	2 courses	

The following courses focusing explicitly on intellectual property related issues are offered at the School of Business at the Faculty of Social and Business Studies at the University of Eastern Finland:

- “*Intellectual Property Law*” (5 ECTS)¹⁵⁰
- “*Intellectual Property Rights and International Trade*” (6 ECTS)¹⁵¹

Descriptions of the courses were not found and therefore contents or objectives of the courses were not analyzed for intellectual property related keywords¹⁵².

▪ UNIVERSITY OF HELSINKI – DEPARTMENT OF POLITICAL AND ECONOMIC STUDIES¹⁵³

The number of study programs focusing on intellectual property	The total number of ECTS credits and courses focusing explicitly on intellectual property related issues	The total number of ECTS credits and courses including intellectual property related keywords in the course descriptions
-	0 ECTS	0 ECTS
	-	-

Courses including intellectual property related keywords were not found from the study guides of the disciplines of “Economics” and “Economic and Social History” at the Department of Political and Economic Studies at the Faculty of Social Sciences at the University of Helsinki.

¹⁴⁸ Information presented in this chapter is based on the study guide (2013-2014) of the Faculty of Social Sciences and Business studies, available in Finnish at <http://www.uef.fi/fi/kauppatieteet/opinto-opas>. Pages 67-97.

¹⁴⁹ The School of Business at the University of Eastern Finland provides studies in disciplines such as Accounting and Finance, Business and Law, Innovation Management and Service Management.

¹⁵⁰ This optional course is part of the Bachelor’s level studies in Business Law and Economics. The course is provided by the School of Law. See the page 81 of the study guide.

¹⁵¹ This optional course is part of the Master’s level studies in Business Law and Economics. See the page 87 of the study guide.

¹⁵² Only titles of the courses were analyzed, because descriptions of the courses were not part of the study guide or separate document including course descriptions. Course descriptions are available at the Weboodi-student portal, but the researcher was not able to find them. It can be assumed that the course descriptions are restricted to the students of the University of Eastern Finland.

¹⁵³ Information presented in this chapter is based on the study guide (2013-2014) of the disciplines of “Economics” and “Economic and Social History”, as well as Master’s Degree Program in Economics at the Department of Political and Economic Studies at the University of Helsinki, available in Finnish at <http://www.helsinki.fi/valtiotieteellinen/taloustiede/opiskelijaksi/opinto-opaat.html> and <http://www.valt.helsinki.fi/yhis/opiskelu.htm>. Visited on 11.11.2013. Descriptions of the Bachelor’s level courses in Economics were not found. Only titles of the courses were analyzed.

▪ **UNIVERSITY OF JYVÄSKYLÄ – JYVÄSKYLÄ UNIVERSITY SCHOOL OF BUSINESS AND ECONOMICS**^{154 155}

The number of study programs focusing on intellectual property	The total number of ECTS credits and courses focusing explicitly on intellectual property related issues	The total number of ECTS credits and courses including intellectual property related keywords in the course descriptions
-	5 ECTS	4 ECTS
	1 course	1 course

The following course focusing explicitly on intellectual property related issues are offered at the School of Business and Economics at the University of Jyväskylä:

- *“Copyright and Intellectual Property Law”* (5 ECTS)¹⁵⁶

Intellectual property related issues are integrated with other teachings in the following course:

- *“Strategic Management of Technology and Innovation”* (4 ECTS)¹⁵⁷

▪ **UNIVERSITY OF LAPLAND – FACULTY OF SOCIAL SCIENCES**¹⁵⁸

The number of study programs focusing on intellectual property	The total number of ECTS credits and courses focusing explicitly on intellectual property related issues	The total number of ECTS credits and courses including intellectual property related keywords in the course descriptions
-	0 ECTS	0 ECTS
	-	-

Courses including intellectual property related keywords were not found from the study guide of the discipline of Management at the Faculty of Social Sciences at the University of Lapland.

¹⁵⁴ The information presented in this chapter is based on the study guide (2013-2014) of the Jyväskylä University School of Business and Economics, available in Finnish at <https://www.jyu.fi/jsbe/opiskelu/opintojen-tueksi/manual/ops1316>. Visited on 3.10.2013.

¹⁵⁵ School of Business and Economics at the University of Jyväskylä provides studies in the disciplines of Accounting, Marketing, Management and Leadership, Entrepreneurship, and Economics. In addition, the school provides international master’s degree programs in International Business and Entrepreneurship (IBE) and Corporate Environmental Management.

¹⁵⁶ Translation by the researcher, original title in Finnish: ”Tekijänoikeus ja immateriaalioikeudet”. The course is part of the minor subject studies in Commercial Law. See description of the course on the study guide of the Jyväskylä University School of Business and Economics, available in Finnish at <https://www.jyu.fi/jsbe/opiskelu/opintojen-tueksi/manual/ops1316/opintojaksokuvaukset/ka0>. Visited on 3.10.2013.

¹⁵⁷ The course is offered in the Master’s Degree Program in International Business and Entrepreneurship (IBE). See description of the course on the study guide of the Jyväskylä University School of Business and Economics, available in English at <https://www.jyu.fi/jsbe/opiskelu/opintojen-tueksi/manual/ops1316/opintojaksokuvaukset/ibe>. Visited on 3.10.2013.

¹⁵⁸ Information in this chapter is based on the study guide of the discipline of Management at the Faculty of Social Sciences, available in Finnish at https://weboodi.ulapland.fi/lay/vl_kehys.jsp?MD5avain=&Kieli=1&Org=11924824&vl_tila=1&Opas=1491.

▪ **UNIVERSITY OF OULU – OULU BUSINESS SCHOOL**^{159 160}

The number of study programs focusing on intellectual property	The total number of ECTS credits and courses focusing explicitly on intellectual property related issues	The total number of ECTS credits and courses including intellectual property related keywords in the course descriptions
-	12 ECTS	5 ECTS
	2 courses	1 course

The following courses focusing explicitly on intellectual property related issues are offered at the School of Business at the University of Oulu.

- *“Economics and Management of Intellectual Property”* (5 ECTS)¹⁶¹
- *“Intellectual Property Law”* (7 ECTS)¹⁶²

Intellectual property related issues are integrated with other teachings in the following course:

- *“Legal Issues in International Business”* (5 ECTS)¹⁶³

▪ **UNIVERSITY OF TAMPERE – SCHOOL OF MANAGEMENT**^{164 165}

The number of study programs focusing on intellectual property	The total number of ECTS credits and courses focusing explicitly on intellectual property related issues	The total number of ECTS credits and courses including intellectual property related keywords in the course descriptions
-	5 ECTS	15 ECTS
	1 course	3 courses

¹⁵⁹ Information in this chapter is based on the study guide of the Oulu Business School, available in Finnish at <http://www.taloustieteet oulu.fi/opiskelu/opinto-opas> and course structures of the international master’s degree programs, available in English at <http://www.oulubusinessschool.fi/studies>. Visited on 29.10.2013.

¹⁶⁰ The school provides major subject studies in following disciplines: Management, International Business, Economics, Accounting, Marketing and Finance. In addition the following international master’s degree programs in Finance, Financial and Management Accounting and International Business are provided at the Business School. In addition, the school of Business provides MBA program for Technology Driven Business. The link to the study guide of the program was not working when visited on 29.0.2013. http://www.oulubusinessschool.fi/mba_programme/mba_study_guide. Courses of the program was not analyzed.

¹⁶¹ This optional course is part of Bachelor’s level studies in Economics. See the page 172 of the study guide.

¹⁶² The course is part of the minor subject studies in Business Law. The course is provided by the University of Lapland. See the page 230 of the study guide.

¹⁶³ This optional course is part of Bachelor’s level studies in International Business. See the page 152-153 of the study guide.

¹⁶⁴ Information in this chapter is based on the study guide (2012-2015) of the School of Management at the University of Tampere, available in Finnish at <http://www10.uta.fi/opas/tieteenalaysikko.htm?opsId=124&uiLang=fi&lang=fi&lv=2013>. Visited on 18.10.2013.

¹⁶⁵ The School of Management at the University of Tampere provides studies in Business Studies, Administrative Sciences, and Politics. The studies are provided in the disciplines of International Insurance and Risk Management, Marketing, Economics, Responsible Management, Management and Organisations, Accounting, Business Law and Tax Law, Administrative Science, Public Law, Public Financial Management, Politics of the Environment, Local and Regional Governance, International Relations and Political Science. In addition, the school provides master’s degree programs in Higher Education Administration and Management, Media Management, Public Economics and Public Finance, Research and Innovation in Higher Education, Peace, Mediation and Conflict Research, Russian and European Studies, Auditing and Evaluation, and Security Management.

The following course focusing explicitly on intellectual property related issues is offered at the School of Management at the University of Tampere:

- *“Market Law and Intellectual Property Rights”* (5 ECTS)¹⁶⁶

Intellectual property related issues are integrated with other teachings in the following courses:

- *“Case Analysis in Business law”* (5 ECTS)¹⁶⁷
- *“Introduction to Business Law”* (5 ECTS)¹⁶⁸
- *“Accounting Theory and IFRS II”* (5 ECTS)¹⁶⁹

▪ **UNIVERSITY OF TURKU – TURKU SCHOOL OF ECONOMICS**^{170 171}

The number of study programs focusing on intellectual property	The total number of ECTS credits and courses focusing explicitly on intellectual property related issues	The total number of ECTS credits and courses including intellectual property related keywords in the course descriptions
-	25 ECTS	24 ECTS
	4 courses	4 courses

The following courses focusing explicitly on intellectual property related issues are offered at the Turku School of Economics:

- *“Economics and Management of Intellectual Property Rights”* (6 ECTS)¹⁷²
- *“Intellectual Property Law”* (6 ECTS)¹⁷³.
- *“Foundations of International and European Intellectual Property Law”* (6 ECTS)¹⁷⁴
- *“Economic Analysis of Intellectual Property Law”* (7 ECTS)¹⁷⁵

¹⁶⁶ This course is part of the bachelor’s level studies in Business Law and Tax Law. See the course description in Finnish at <http://www10.uta.fi/opas/opintojakso.htm?rid=7199&idx=1&uiLang=fi&lang=fi&lvv=2013>. Visited on 18.10.2013.

¹⁶⁷ This Bachelor’s level course is compulsory for students specializing in Business law. See description of the course in Finnish at <http://www10.uta.fi/opas/opintojakso.htm?rid=7813&idx=1&uiLang=fi&lang=fi&lvv=2013>. Visited on 18.10.2013.

¹⁶⁸ This course is part of the bachelor’s level studies in “Business Law and Tax Law” and “Public Law”. See the course description in Finnish at <http://www10.uta.fi/opas/opintojakso.htm?rid=7324&idx=1&uiLang=fi&lang=fi&lvv=2013>. Visited on 18.10.2013.

¹⁶⁹ This optional course is part of the Master’s level studies in Accounting. See the description of the course in Finnish at <http://www10.uta.fi/opas/opintojakso.htm?rid=7221&idx=3&uiLang=fi&lang=fi&lvv=2013>. Visited on 18.10.2013.

¹⁷⁰ Information presented in this chapter is based on the study guide (2013-2014) of the Turku School of Economics, available in Finnish at http://www.utu.fi/fi/yksikot/tse/opiskelu/opinto-opas/Documents/Opinto-opas%2013-14_valmis.pdf. Visited on 16.10.2013.

¹⁷¹ Turku School of Economics provides bachelor’s and master’s level studies in the following disciplines: Accounting and Finance, Management and organization, Marketing, International Business, Operations and Supply Chain Management, Entrepreneurship, Economics, Business Law, Economic Geography, Economic Sociology, Quantitative Methods in Management, Information Systems Science.

¹⁷² Translation by the researcher, original title in Finnish: ”Aineettomien oikeuksien taloustiede ja johtaminen”. This optional course is part of the Bachelor’s level studies in Economics. See the pages 156 and 169 of the study guide.

¹⁷³ Translation by the researcher, original title in Finnish: “Immateriaalioikeus”. This optional course is part of the master’s level studies in “Business Law” and “Information Systems Science”. See the pages 181, 191 and 237 of the study guide.

¹⁷⁴ This optional course is part of the Master’s Degree Program in Global Innovation Management. The course is organized by the Faculty of Law at the University of Turku. See the pages 382-383 of the study guide.

¹⁷⁵ This optional course is part of the minor subject study module “Law and Economics”. The course is organized by the Faculty of Law at the University of Turku. See the pages 353-354 of the study guide.

Intellectual property related issues are integrated with other teaching in the following courses:

- *“Software Business”* (6 ECTS)¹⁷⁶
- *“Information Technology and Ethics”* (5 ECTS)¹⁷⁷
- *“Intermediate course on Business Management of Start-ups”* (3 ECTS)¹⁷⁸
- *“Start-up Journey”* (10 ECTS)¹⁷⁹

▪ **UNIVERSITY OF VAASA – FACULTY OF BUSINESS STUDIES**^{180 181}

The number of study programs focusing on intellectual property	The total number of ECTS credits and courses focusing explicitly on intellectual property related issues	The total number of ECTS credits and courses including intellectual property related keywords in the course descriptions
-	6 ECTS	25 ECTS
	1 course	4 courses

The following courses focusing explicitly on intellectual property related issues are offered at the Faculty of Business Studies at the University of Vaasa:

- *“Intellectual Property Law”* (6 ECTS)¹⁸²

Intellectual property related issues are integrated with other teachings in the following courses:

- *“Market Law”* (7 ECTS)¹⁸³
- *“ICT law”* (6 ECTS)¹⁸⁴
- *“Legal Aspects of Electronic Business”* (6 ECTS)¹⁸⁵
- *“Advanced Studies in ICT-law”* (6 ECTS)¹⁸⁶

¹⁷⁶ This optional course is part of the Master’s level studies in Information Systems Science. The course is also a part of the “Service Business” and “Innovation and Business Creation” study modules offered as minor subjects at the School of Economics. See the pages 249, 344 and 369 of the study guide.

¹⁷⁷ This optional course is part of the Master’s degree programs in “Information Systems Science” and “Global Information Technology Management”. The course is also a part of the “Information Security Management” study module offered as a minor subject in the School of Economics. See the pages 253 and 368 of the study guide.

¹⁷⁸ This course is part of the multidisciplinary minor subject module “Innovation and Business Creation”. See the page 364 of the study guide.

¹⁷⁹ This course is part of the minor subject module “Innovation and Business Creation”. See the page 365 of the study guide.

¹⁸⁰ The information presented in this chapter is based on the study guide (2013-2014) of the Faculty of Business Studies at the University of Vaasa, available in Finnish at <http://www.uva.fi/fi/for/student/materials/handbooks/business/opinto-opas20.9.2013.pdf>. Visited on 8.10.2013.

¹⁸¹ The Faculty of Business Studies at the University of Vaasa offers bachelor’s degree programs in Management and Organizations, Accounting and Finance and Marketing. bachelor’s and master’s degrees are offered in International Business, Business Law and Economic. Master’s degree programs are provided in Human Resource Management (“Henkilöstöjohtaminen” in Finnish), Finance, Accounting and Auditing (“laskentatoimi ja tilintarkastus” in Finnish), Management of Marketing (“Markkinoinnin johtaminen” in Finnish), Strategic Management, Business Law and Economics.

¹⁸² The course is part of the Master’s level studies in Business Law (specialization in ICT-law). See the page 216 of the study guide.

¹⁸³ This compulsory course is part of the Bachelor’s level studies in Business Law. See the page 193-194 of the study guide.

¹⁸⁴ This course is part of the advanced studies in Business Law (specialization in ICT-law). See the page 210 of the study guide.

¹⁸⁵ The course is part of the Master’s level studies in Business Law (specialization in ICT-law). See the page 213 of the study guide.

¹⁸⁶ This course is part of the Master’s level studies in Business Law (specialization in ICT-law). The course is completed as a book exam and copyright-related literature is available for selection. See the pages 213-214 of the study guide.

The number of study programs focusing on intellectual property	The total number of ECTS credits and courses focusing explicitly on intellectual property related issues	The total number of ECTS credits and courses including intellectual property related keywords in the course descriptions
-	0 ECTS	10 ECTS
	-	2 courses

Courses focusing explicitly on intellectual property related issues were not found from the study guide or or document including course descriptions of the School of Business and Economics at the Division for Social Sciences at the Åbo Akademi University.

Intellectual property related issues are integrated with other teachings in the following courses:

- *“Information Retrieval I”* (5 ECTS)¹⁸⁹
- *“The Social Web”* (5 ECTS)¹⁹⁰

SECTION 3. NUMBER OF CHAIRS DIRECTLY INVOLVED IN RESEARCH AND TEACHING RELATED TO COPYRIGHT

The information concerning chairs directly involved in research or teaching copyright-related issues was collected when analyzing the other parts of this study. This study was limited to professorships involved in the study programs focusing on intellectual property at the faculties or schools of law and business, because the time allotted to this project did not allow looking into the activities of professors and teachers in general. In addition to the professorships presented in this chapter, there are other professors and researchers teaching and/or having research interests in copyright-related issues in universities around Finland. Their dedication on these issues was not evaluated in this study. The following table presents the six professorships related to master’s degree programs or projects focusing on intellectual property in the faculties or schools of law and business.

¹⁸⁷ The information presented in this chapter is based on the study guide (2013-2014) of the School of Business and Economics and course descriptions of the Åbo Akademi, available in Swedish at <http://www.abo.fi/institution/hhaastudiehandbok20132014> and <http://admin.abo.fi/kurser/>. Visited on 7.10.2013.

¹⁸⁸ The School of Business and Economics at the Åbo Akademi offers bachelor’s and master’s degree programs in five major subjects: Organization and Management, Information Studies, International Marketing, Economics, Accounting. Business studies, Finance and, Information Management are offered as minor subjects.

¹⁸⁹ Translation by the researcher, original title in Swedish: ”Informationssökning I”. This compulsory course is part of the Bachelor’s level studies in Information Studies. See the course description in Swedish at <http://admin.abo.fi/kurser/index.php?vid=33527>. Visited on 7.10.2013.

¹⁹⁰ This compulsory course is part of the Bachelor’s level studies in Information Studies. See the course description in Swedish at <http://admin.abo.fi/kurser/index.php?vid=33599>. Visited on 7.10.2013.

Table 7. Professorships in the study programs focusing on intellectual property	
Study programs focusing on intellectual property rights ¹⁹¹	Professorship and the holder of the position
Hanken School of Economics Master's Degree Program in Intellectual Property Law (IPL)	Professor of Intellectual Property Nari Lee ¹⁹²
	Professor of Commercial Law, especially in intellectual property Niklas Bruun ¹⁹³
University of Helsinki – Faculty of Law (1) Master's level projects focusing on intellectual property for students of Law: (A) Management of intellectual property rights, especially from the perspective of copyright (B) Vaasa Project 2013-2014: Special processes and legal protection (2) Master's Degree Program in International Business Law and Public International Law (MIDL)	Professor of Copyright (Fixed-Term) Taina Pihlajarinne ¹⁹⁴
	Professor of Commercial Law Rainer Oesch ¹⁹⁵
	Professor of Law at the Vaasa Unit for Legal Studies Marcus Norrgård ¹⁹⁶
University of Turku – Faculty of Law Master's Degree Program in Law and Information Society (LIS)	Associate Professor of Law Tuomas Mylly ¹⁹⁷

¹⁹¹ For more information on the study programs and projects, see the previous section of this study:

¹⁹² See the researcher biography of Nari Lee in English at <http://www.hanken.fi/staff/nalee/>.

¹⁹³ Information concerning the job description was provided by Niklas Bruun (face-to-face interview on 7.11.2013) See the researcher biography of Bruun in English at <http://www.hanken.fi/staff/bruun/>.

¹⁹⁴ Pihlajarinne is leading the copyright project and teaches in the Master's Degree Program in International Business Law and Public International Law. The appointment process for the position of Professor of Copyright is ongoing at the moment at the Faculty of Law (Information was provided by Fixed-term Copyright professor Taina Pihlajarinne, face-to-face interview on 21.10.2013). See the researcher biography of Pihlajarinne at the Research Database Tuhat, available in English at [https://tuhat.halvi.helsinki.fi/portal/en/persons/taina-pihlajarinne\(2e4c4c9e-ee89-4b88-87b5-34862550f0ef\).html](https://tuhat.halvi.helsinki.fi/portal/en/persons/taina-pihlajarinne(2e4c4c9e-ee89-4b88-87b5-34862550f0ef).html). Visited on 1.12.2013.

¹⁹⁵ Rainer Oesch will be responsible for a master's thesis project focusing on intellectual property at the Faculty of Law at the University of Helsinki during the next academic year. Source: Study guide of the faculty, available in Finnish at http://www.helsinki.fi/oikeustiede/opiskelu/opinto-opaat_pdf/Opinto-opas_2013-2014.pdf. Page 128.

¹⁹⁶ Marcus Norrgård is responsible for the "Vaasa Project". He has moved in recently from the Hanken School of Economics, see the old researcher biography of Norrgård, available in English at <http://www.hanken.fi/staff/manorrga/>. Visited on 29.11.2013.

¹⁹⁷ Tuomas Mylly is leader of the Master's Degree Program in Law and Information Society (LIS). See the researcher biography of Tuomas Mylly in English at <http://www.utu.fi/en/units/law/faculty/faculty-staff/stafflist/Pages/Tuomas-Mylly.aspx>. Visited on 25.11.2013.

Conclusions

A. ANALYSIS AND SUMMARY OF THE RESULTS

In the year 2000, the Research Council for Culture and Society of the Finnish Academy established a working group to examine the condition of intellectual property related research in Finland. The working group published a report titled “*The condition of intellectual property research in Finland and the needs for development*”¹⁹⁸ which presented the state of intellectual property research in several areas. The research results of the study indicated that intellectual property related research and education in Finland was insufficient in several areas. At the same time, the significance of intellectual property rights had increased as a result of international trade liberalization and rapid technological development. The working group was concerned about the lack of basic research and education on national and international intellectual property legislation, as well as on intellectual property issues in the digital environment. From the proposal of the working group, the Academy of Finland targeted a call for intellectual property related research for the years 2001-2004. A total of 1.9 million euros were devoted to this research. The targeted call significantly improved the condition of intellectual property related research in Finland and created ground for permanent structures in the field¹⁹⁹.

Between 2000 and 2013, the amount and coverage of intellectual property research and education has increased in several areas. The results of this study show that the number of ongoing copyright-related projects, doctoral dissertations, licentiate theses, professorships and master’s degree programs has increased substantially during the 2000s. In the following paragraphs, the results of this study are presented and compared to those obtained by the working group of the Academy of Finland in year 2000.

▪ COPYRIGHT-RELATED RESEARCH IN UNIVERSITIES AND RESEARCH INSTITUTES

The study conducted by the Academy of Finland in 2000 focused on intellectual property related doctoral dissertations accepted during the time interval of 1950-1999. The study resulted in six doctoral dissertations of which three were focusing on copyright-related topics²⁰⁰. Ten licentiate theses related to intellectual property were published during the 1990s, most of the theses focusing on issues other than copyright²⁰¹. This study, carried out primarily through “*Melinda*” – Union Catalogue of Finnish Libraries, resulted in a total number of 49 copyright-related theses (30 doctoral dissertations and 19 licentiate theses) published during the time period of 1999-2013. The major part of the doctoral dissertations and licentiate theses were accepted at the University of Helsinki’s Faculty of Law (5 doctoral dissertations, 7 licentiate theses), University of Turku’s Faculty of Law (2 doctoral dissertations, 5 licentiate theses) and Aalto University School of Science’s Department of Computer Science and Engineering (4 doctoral dissertations, 1 licentiate thesis). When comparing the results of this study to those obtained by the

¹⁹⁸ Translation by the researcher, original title in Finnish: “Immateriaalioikeuden tutkimuksen tila ja kehittämistarpeet Suomessa”. See the report in Finnish at [http://www.aka.fi/Tiedostot/Tiedostot/Julkaisut/Immateriaalioikeuden%20tutkimus%20\(pdf\).pdf](http://www.aka.fi/Tiedostot/Tiedostot/Julkaisut/Immateriaalioikeuden%20tutkimus%20(pdf).pdf). Visited on 25.11.2013.

¹⁹⁹ Source: the Assessment report of the targeted call. For more information, see the pages 18 and 19 of the report in Finnish at http://www.aka.fi/Tiedostot/Tiedostot/Julkaisut/4_06%20Immateriaali.pdf. Visited on 29.11.2013.

²⁰⁰ - Publishing contracts (translation by the researcher, original title in Swedish: “Förlagsavtalet”). Hans Saxén, University of Helsinki/Åbo Akademi University, 1955.
- Photography and copyright law: a study of the development and contents of the protection of photographs (official translation, original title in Finnish: “Oikeus valokuvaan: tutkimus valokuvan suojan kehityksestä ja sisällöstä”). Rainer Oesch, University of Helsinki, 1993.
- Ownership of Rights in Audiovisual Productions. A comparative study. Marjut Salokannel, University of Helsinki 1997.
Information concerning the universities was found through the Melinda – Union catalogue of Finnish Libraries.

²⁰¹ Most of the theses were focusing on patent and trademark right, see the page 14 of the study conducted by the Academy of Finland.

Academy of Finland in 2000, it can be noticed that there has been significant increase in the amounts of copyright-related dissertations and licentiate theses published in Finland during the 2000s²⁰².

Copyright-related scientific books and other publications were searched and selected through the “JYKDOK” – Search Engine of the Jyväskylä University Library. Fifty-six publications, published in Finland during the time period of 1999-2013 matched the criteria of this study²⁰³. The found publications were divided into three categories according to the subject matter: (1) A scientific book or other publication concerning copyright-related legislation or contracts in different fields and environments (27 publications) (2) A scientific book or other publication concerning copyright system in a broader context or collection of articles in various fields of copyright (21 publications) (3) A law book, a commentary, a collection of law cases or a textbook concerning copyright or intellectual property rights (8 publications).

In the year 2000, there were no ongoing separately funded intellectual property related research projects and the research in the field was considered deficient. However, there were some ongoing projects, most of them related to information technology or digital economy, which may have included research themes related to intellectual property²⁰⁴. This study identified seven project ongoing in 2013 and including copyright-related research areas. Four of the projects are funded mainly by Academy of Finland, one by the Ministry of Education and Culture, one by the Helsingin Sanomat Foundation, and one by the TEKES - the Finnish Funding Agency for Technology and Innovation. This project, “*Assessing Copyright and Related Rights Systems*” aims to provide a methodology for a systematic assessment of operation of national copyright and related rights systems. Five of the projects are focusing on regulative or economic aspects of intellectual property and one on digital rights management mechanisms. In four of the projects the estimated share of copyright-related issues is more than 60%.

▪ COPYRIGHT-RELATED EDUCATION IN UNIVERSITIES

In the year 2000, there was a lack of basic and specialized courses in intellectual property in universities. Although the situation was gradually improving, there was increasing demand for intellectual property related education and professorships in universities.²⁰⁵

This study addressed intellectual property related education in university faculties or schools providing studies in law and/or business. Currently there are two faculties of law and one school of business providing master’s degree programs or master’s level studies focusing on intellectual property related issues: University of Helsinki’s Faculty of Law (2 programs), University of Turku’s Faculty of Law and Hanken School of Economics. The curricula of the other analyzed faculties or schools included 0-25 ECTS credits focusing on intellectual property and varying numbers of courses including intellectual property related keywords in course descriptions.

▪ NUMBER OF CHAIRS DIRECTLY INVOLVED IN RESEARCH AND TEACHING RELATED TO COPYRIGHT

There were no chairs devoted to research or teaching intellectual property related issues in Finland in year 2000. At the time, the research on intellectual property related issues was coordinated by professors and teachers whose main responsibilities were in some other disciplines of law²⁰⁶. The situation has improved during the 2000s. There are six professorships directly involved in research on

²⁰² The criteria for intellectual property related theses in these two studies may differ, but the increase is substantial in any case.

²⁰³ Criteria for selecting publications from the reference list: (1) The subject headings of “copyright” or “intellectual property”. (2) Title directly related to copyright (or to intellectual property rights in a broader sense) and (3) Publication including more than 90 pages.

²⁰⁴ See the page 18 of the study conducted by the Academy of Finland.

²⁰⁵ See the pages 24 and 33 of the study conducted by the Academy of Finland.

²⁰⁶ See the page 17 of the study conducted by the Academy of Finland.

and teaching of copyright-related issues in the study programs focusing on intellectual property in faculties or schools of law and business:

- Two professorships related to Master's Degree Program in Intellectual Property Law (IPL) at the Department of Accounting and Commercial law at the Hanken School of Economics
- Three professorships related to the two master's level projects focusing on intellectual property for students of Law and Master's Degree Program in International Business Law and Public International Law (MIBL) at the Faculty of Law at the University of Helsinki
- Associate Professorship of Law at the Faculty of Law at the University of Turku, Director of the Master's Degree Program in Law and Information Society (LIS)

In addition, there are other professors and researchers teaching and/or having research interests in copyright-related issues in universities around Finland.

B. METHODOLOGICAL FINDINGS

▪ LIMITATIONS

Doctoral dissertations and licentiate theses were searched through the "*Melinda*" - The Union Catalogue of Finnish Libraries using the subject headings "copyright" and "intellectual property". The results of the search were likely to include almost all copyright-related doctoral dissertations published in Finland during the time interval of 1999-2013. One of the copyright-related licentiate theses was not found from the Melinda's reference database. Therefore there is no certainty that the results of this study include all the licentiate theses published in Finland since the year 1999.

No reliable method for classifying theses according to the share of the copyright-related issues was found. The order of subject headings can provide an indication on the importance of copyright-related issues in theses, but in some cases the order of subject headings does not match the order of keywords found from the theses.

The methodology card proposes to analyze the number of scientific articles and monographs made in universities and research institutes. No comprehensive database for analyzing scientific articles and monographs made in universities was found. Instead, copyright-related scientific books and other publications were searched using the "JYKDOK" – search engine of the Jyväskylä University Library. Searching for monographs was problematic because (1) reference data of the search engine does not include a division for "monograph". Therefore, the process of separating monographs from other publications is difficult and depends on a lot on the researcher's choices (2) The depository collection available at the Jyväskylä University Library includes all published books in Finland. However, there is no certainty that all the documents that could have been defined as "monographs" are defined as "books" in the Fennica –depository collection.

No successful method for analyzing copyright-related scientific articles made in universities was found. At the moment there are not comprehensive centralized database for scientific articles made in Finnish universities. A comprehensive database would be needed, because many of the articles are published in some international journal and often researcher biographies on the websites of the universities do not have any comprehensive listing of articles published by the researchers²⁰⁷. Universities usually host some kind of research databases, but the search options available in the databases of each university may vary. "*Juuli – Finnish Research Publications*", a service by the Finnish Ministry of Education and

²⁰⁷ Researchers often have a "selected publications" or similar area as part of their researcher biography.

Culture, The National Library of Finland and CSC – IT center for science²⁰⁸ exists, but the reference database is not yet comprehensive enough²⁰⁹.

Copyright-related scientific books and other publications were searched through the “JYKDOK” – search engine of the Jyväskylä University Library with the keyword and subject heading “copyright”. The final list of publications was formed on the basis of titles and number of pages²¹⁰. There is no certainty that all scientific books and other publications focusing on copyright-related issues include the subject heading of “copyright”, but it is however likely that the search returned almost all copyright-related publications including 90 or more pages and can be found through the Jyväskylä University Library. The final list was based on the researcher’s interpretation of “topics directly related to copyright”. Therefore the list could be different if made by another researcher.

Copyright-related projects were studied through grant decisions of funding sources. All possible funding sources were not analyzed. For example, projects funded by the European Social Fund may involve copyright-related research. Neither was the study able to provide information on the research made with basic funding of the universities and research institutes. Project descriptions of some funding sources included only one or two sentences concerning the projects’ topics. Therefore these descriptions were not providing comprehensive information on potential copyright-related topics as a part of larger studies.

Intellectual property related education was analyzed only in the faculties or schools providing studies in law and/or business. The other faculties or schools may provide relevant copyright-related education as well. For example, copyright-related education is provided at the Department of Computer Science and Engineering at the Aalto University School of Science as a part of “*Law and Technology*” studies²¹¹. Copyright-related education may be provided in the faculties or schools of social sciences or media and communication as well.

Only bachelor and master level programs were analyzed and therefore this report does not provide information on doctoral programs including intellectual property related areas. The courses related to intellectual capital or Open Innovation may involve copyright-related issues, but were not included to the results of this study if intellectual property related keywords were not found from the project descriptions. This exclusion was made because of broadness of these two topics.

The amount of information provided in the course descriptions varied between the faculties, schools and departments of law and business. Some course descriptions were not found at all. This study was not able to provide comparable information on the quantity of intellectual property related education provided in the study programs focusing on intellectual property. In some of the programs, research seminars, methodology or other studies related to theses are provided as separate courses and in some programs as a part of the larger modules. Therefore there were difficulties in creating criteria for assessing the amounts of credits involved in intellectual property related education in these programs. Course descriptions of seminar and methodology courses in other degree programs were not analyzed either. The courses were organized for each discipline separately or jointly for all. In some cases, the courses were organized by another faculty or school and course descriptions were not available in the study guides. In addition, analyzing descriptions of these courses would require separate assessment criteria. Descriptions of these courses include topics related to ethics or good practices in research, as

²⁰⁸ Juuli – Finnish Research Publications, available in English at <http://www.juuli.fi/>. Visited on 2.11.2013.

²⁰⁹ Search with the keyword “copyright” returned 4 results and search with the keyword “tekijänoikeus” did not return any results.

²¹⁰ Criteria for selecting publications from the reference list: (1) The subject headings of “copyright” or “intellectual property” (2) Title directly related to copyright (or to intellectual property rights in a broader sense) and (3) Publication including more than 90 pages.

²¹¹ See “Law and Technology” studies on the website of the Department of Computer Science and Engineering, available in English at <https://cse.aalto.fi/studies/masters-degree/law-and-technology-a3/>. Visited on 1.12.2013.

well as to citing and referencing. The intellectual property related keywords defined in this study were mentioned infrequently.

The professorships in connection with the study programs focusing on intellectual property were analyzed in this study. However, there are other professors and researchers teaching and/or having research interests in intellectual property. No successful method for analyzing the amount of intellectual property related responsibilities in connection with these positions was found. A method of analyzing responsible teachers in the courses focusing explicitly on intellectual property was tested. However, there is a relatively large number of teachers in these courses and therefore analyzing the teaching and research activities of professors and researchers through these courses is difficult.

▪ GUIDELINES FOR FUTURE RESEARCH

It is advisable to conduct this study simultaneously with the study based on the *Description Sheet 15 – Research on copyright-related topics*. The study of the methodology card could start with analyzing doctoral dissertations and licentiate theses through some available database. Theses should be searched with intellectual property and copyright-related keywords. Theses focusing on intellectual property in general may cover relevant topics from the copyright perspective as well²¹². The list of doctoral dissertations and licentiate theses can be used to indicate the most relevant university faculties, schools and departments in the field of intellectual property related research. The list can be used as starting point in piloting of the Description Sheet 15.

Grant decisions of relevant funding sources should be analyzed for research projects. Researchers of the projects should be interviewed for details of the projects. When preparing the questionnaire, it is important to define common criteria for estimating the amount of researchers in different projects. In this study, the researchers were asked to estimate the mean number of researchers when considering the whole funding period. Only the separately funded researchers were added to the total number²¹³.

When repeating this study in Finland, the “*Juuli – Finnish Research Publications*” database could be used for analyzing the scientific articles and monographs made in universities. At the time of this study, the database was not comprehensive enough.

When creating the questionnaires, questions can be selected depending on the context of the country in question and on the goals of each study. The amount and disciplines of the researchers should be considered when selecting the questions²¹⁴.

The time needed for this pilot study will depend on the size of the country and the number of research projects, faculties and schools analyzed. The workload for collecting data and drafting this report could be evaluated at 8 weeks of full-time work. Evaluation of the time needed for different phases:

- 1 week for analyzing doctoral dissertations, licentiate theses, as well as scientific books and other publications
- 1 week for analyzing grant decisions
- 3 weeks for analyzing education in faculties and schools of law and business
- 3 weeks for preparing and conducting interviews (other topics can be worked on simultaneously)

²¹² For example, topics related to justification of copyright.

²¹³ There can be researchers involved in the projects with the basic funding of the universities.

²¹⁴ For example, in the discipline of law, the use of copyright protected material is infrequent and therefore there is not necessarily a need to involve all questions related to licensing of research materials to the questionnaire.

Appendices

A. METHODOLOGY CARD

Methodology card as presented in the Methodology Handbook, version 20.12.2013.

Elements: Research, Education	Methodology card 12. Copyright-related research and study programs in universities and research institutes	
Key question	What is the amount of research on copyright conducted at universities and research institutes? Are there study programs focusing on copyright issues?	
Type of data	<i>objective data</i>	
Description	Copyright-related education and research in universities and research institutes: <ul style="list-style-type: none"> - <i>Count the numbers of employees or other work force as full-time equivalents. Count only those directly involved in research related to copyright.</i> - <i>Time frame: Provide either cross-sectional data or yearly data from the last 1, 5 or 10 years.</i> <i>Exemplary questionnaires for surveys and interviews are presented in a separate toolkit.</i>	
Parameters to measure	<ol style="list-style-type: none"> 1. Copyright-related research in universities and research institutes <ul style="list-style-type: none"> - Numbers of copyright-related a) doctoral thesis and b) licentiate thesis published (made available to the research community) in the country - Numbers of copyright-related a) scientific articles and b) monographs made in universities and research institutes - Number of copyright-related research programs / projects in universities - Number of copyright-related research programs / projects in research institutes - Estimate of the share of copyright issues in each research program / project, % - The main sources of financing for each research program / project on copyright-related issues (If possible, provide information on a) the total amount of financing as well as b) the share of public financing in %) 2. Copyright-related study programs in universities <ol style="list-style-type: none"> a) Faculties of law: Inclusion of copyright-related education as a separate study program or as an essential part of a larger study program (for example a program concerning intellectual property rights) b) Faculties of business: Inclusion of copyright-related education as a separate study program or as an essential part of a larger study program (for example a program concerning intellectual property rights) c) Other faculties: Inclusion of copyright-related education in curriculum: The word "copyright" mentioned in the academic curricula 3. Number of a) chairs and b) researchers directly involved in research and/or teaching related to copyright (If possible, estimate the number of FTEs involved in each research program / project separately) 	
Guidelines for data collection	TBD	
Definitions	<i>Scientific article</i>	<i>Scientific research papers that have been peer-reviewed in an independent scrutiny by other qualified scientific experts before their publication.</i>
	<i>Monograph</i>	<i>Scientific publication presenting primary research on a single subject in more length than a scientific article.</i>
	<i>Chair</i>	<i>Professor of an equivalent position such as research director</i>

	<i>Researcher</i>	<i>Researcher, research assistant or an equivalent position (consider separately post-graduate students conducting research)</i>
	<i>Full-time equivalent (FTE)</i>	<i>TBD</i>
	<i>Academic curricula</i>	<i>Formal document defining the study program / courses and other education involved in a specific field of study or an educational institution/organization</i>
	<i>Copyright-related</i>	<i>Issues directly concerning copyright form an essential part of the research or study program (Definition of the amount needed to be made by the researcher on the basis of desktop research or estimations given by the interviewees)</i>
Limitations of the indicator	The quality of the results of the research in universities and research institutes is not taken into consideration. The definition of “copyright-related” research and study programs needs to be made case-by-case.	

B. COPYRIGHT-RELATED DOCTORAL DISSERTATIONS AND LICENTIATE THESES PUBLISHED IN FINLAND IN THE TIME PERIOD OF 1999-2013

The list includes theses including subject heading “copyright”, “copyright law”, “digital rights management” or “intellectual property”.

Theses including subject heading “intellectual property”, but not “copyright” are presented in italics.

2012

Doctoral dissertations

- Intellectual property protection for computer programs: developments, challenges, and pressures for change. Rosa Maria Ballardini, Hanken School of Economics – Commercial law²¹⁵.
- Software linking as alteration: framework for assessment under European copyright law. Pessi Honkasalo, University of Surrey²¹⁶.
- The legal status of a professional visual artist²¹⁷. Pauli Rautiainen, University of Tampere – School of Management.

Licentiate theses

- Copyright injunctions against Internet connectivity providers especially with regard to peer-to-peer networking.²¹⁸ Pekka Savola, Aalto University – School of Electrical Engineering – Department of Communications and Networking.

2011

Doctoral dissertations

- Let’s do story business: encounters of freelancers and buyers at the marketplace of journalism²¹⁹. Irene Pakkanen, University of Jyväskylä – Faculty of Humanities – Discipline of Journalism.

²¹⁵ Information concerning the department was found from the abstract of the dissertation, available in English at <https://helda.helsinki.fi/handle/10138/35504>. Visited on 12.11.2013.

²¹⁶ This thesis was accepted in England, but published by the IPR University Center as well.

²¹⁷ Official translation, original title in Finnish: “Kuvataiteilijan oikeudellinen asema: ammattimaista taidellista toimintaa rajoittava ja edistävä oikeussäätely”.

²¹⁸ Official translation, original title in Finnish: “Internet-operaattoreihin kohdistetut tekijänoikeudelliset estomääräykset erityisesti vertaisverkopalvelun osalta”. Information concerning the faculty was found from the dissertation, available in Aalto University Library, available in Finnish: <http://lib.tkk.fi/Lic/2013/urn100734.pdf>. Visited on 12.11.2013.

2010

Doctoral dissertations

- Intellectual property and European economic constitutional law: the trouble with private informational power. Tuomas Mylly, University of Turku – Faculty of Law²²⁰.
- OSS firms in international business context: opportunities and challenges from culture and piracy. Timo Pykäläinen, University of Eastern Finland – Faculty of Social Sciences and Business Studies.
- Post-payment copyright service for digital music: a multidisciplinary study. Heikki Kokkinen, Aalto University – The School of Science²²¹ – Department of Computer Science and Engineering²²².

2009

Licentiate theses

- *Promoting innovative actions by legal means. Christina Karlia-Palomäki, University of Helsinki - Faculty of Law.*
- Renewed copyright crimes from the perspective of Criminal Law and judicial procedure²²³. Marika Siiki, University of Helsinki – Faculty of Law.

2008

Doctoral dissertations

- Digital rights management of audio distribution in mobile networks. Mikko Löytynoja, University of Oulu – Faculty of Technology – Department of Electrical and Information Engineering.²²⁴
- Essays on the economics of intellectual property rights. Ilkka Kiema, University of Helsinki – Faculty of Social Sciences – Department of Political and Economic Studies - The Discipline of Economics.
- Evolution, practice and theory of European database IP law. Perttu Virtanen, Lappeenranta University of Technology – School of Business²²⁵.
- Five essays on copyright in the digital era. Ville Oksanen, Aalto University – The School of Science – Department of Computer Science and Engineering²²⁶.
- The pursuit of efficient copyright licensing: how some rights reserved attempts to solve the problems of all rights reserved. Herkko Hietanen, Lappeenranta University of Technology – School of Business²²⁷.

²¹⁹ Official translation. Original title in Finnish: “Käydään juttukauppaa : freelancerin ja ostajan kohtaamisia journalismin kauppapaikalla”

²²⁰ Information concerning the year of the dissertation was found from the document presenting dissertations accepted at the Faculty of Law at the University of Turku, available in Finnish at <http://www.utu.fi/fi/yksikot/law/tutkimus/vaitokset/Documents/v%C3%A4it%C3%B6skirjaluetelo.pdf>. Visited on 13.11.2013.

²²¹ Formerly known as Helsinki University of Technology TKK – Faculty of Information and Natural Sciences. Source: Website of the Aalto University, available in English at <http://www.aalto.fi/en/about/history/tkk/>. Visited on 20.09.2013.

²²² Information concerning the department was found from the dissertation, available in the Aalto University Library, text in English: <http://lib.tkk.fi/Diss/2010/isbn9789526034935/isbn9789526034935.pdf>. Visited on 12.11.2013.

²²³ Translation by the researcher, original title in Finnish: ”Uudistuneet tekijänoikeusrikokset rikos- ja prosessioikuden valossa.”

²²⁴ “The present departments of Electrical engineering, Computer science and engineering and Communications engineering together formed the Department of Electrical and information engineering during the years 2002-2012.” Source: Website of the Department, available in English at <http://www.oulu.fi/eeng/research/dissertations>. Visited on 19.12.2013.

²²⁵ Information concerning the school was not found. However, Perttu Virtanen has made another dissertation for the School of Business concerning similar topics.

²²⁶ Information concerning the department was not found. However, it is likely that the dissertation has been accepted at the Department of Computer Science and Engineering, when considering the topic of the study and Oksanen’s current position as a researcher at the department.

²²⁷ Information concerning the school was found from the abstract of the thesis, available in English at <http://www.doria.fi/handle/10024/42778>. Visited on 12.11.2013.

Licentiate theses

- Legal problems of computer application programs: central jurisprudence, release contracts and legal characteristics of the release contracts²²⁸. Miikka Ahonen, University of Helsinki – Faculty of Law.
- The artist pays the price. Royalty conditions and moderation in record contracts from the perspective of Finnish and German copyright laws²²⁹. Lottaliina Lehtinen, University of Turku – Faculty of Law.

2007

Doctoral dissertations

- DRM and the copyright imbalance²³⁰. Viveca Still, University of Helsinki – Faculty of Law²³¹.
- Moral rights in the digital environment²³². Alfred Streng, University of Vaasa – Faculty of Business Studies – Department of Economics and Business Law.
- Problems with the justification of intellectual property rights in relation to software and other digitally distributable media. Kai K. Kimppa, University of Turku – Faculty of Mathematics and Natural Science – Department of Information technology²³³ and Turku Centre for Computer Science.

Licentiate theses

- Intellectual property rights and contracts related to sports broadcasting²³⁴. Jaakko Paavela, University of Helsinki – Faculty of Law.
- Within the idioms of art, authorship and technological neutrality as a representation of copyright and culture. Lasse Aarola, University of Turku – Faculty of Law.

2006

Doctoral dissertations

- Copyright, mass use and exclusivity: on the industry initiated limitations to copyright exclusivity, especially regarding sound recording and broadcasting. Mikko Huuskonen, University of Helsinki – Faculty of Law.
- Copyright within university research and teaching²³⁵. Pirjo Kontkanen, University of Helsinki – Faculty of Law.
- Essays on the law and economics of intellectual property. Xavier Carpentier, Aalto University – The School of Business²³⁶ – Department of Economics²³⁷.

²²⁸ Translation by the researcher, original title in Finnish: "Tietokoneen valmisohjelmistojen oikeudelliset ongelmat: keskeinen juridiikka, luovutus sopimukset ja luovutuksen oikeudellinen luonne".

²²⁹ Translation by the researcher, original title in Finnish: "Artisti maksaa kiltisti: levytys sopimusten rojaltehdot ja kohtuullisuus Suomen ja Saksan tekijänoikeuslainsäädäntöjen valossa".

²³⁰ Official translation. Original title in Swedish: "DRM och upphovsrättens obalans".

²³¹ Information concerning the faculty was found from the abstract of the dissertation, available in English at <http://www.doria.fi/handle/10024/5482>. Visited on 12.11.2013.

²³² Official translation, original title in Swedish: "Ideella rättigheter i digital miljö".

²³³ Information concerning the department was found from the dissertation, available in English at http://tucs.fi/publications/view/?pub_id=phdKimppa07a. Visited on 13.11.2013.

²³⁴ Translation by the researcher, original title in Finnish: "Urheilun televisiointioikeuksiin liittyvät sopimukset ja immateriaaliset oikeudet".

²³⁵ Official translation, original title in Finnish: "Tekijänoikeudet yliopistotutkimuksessa ja -opetuksessa".

²³⁶ Formerly known as Helsinki School of Economics (HSE)

²³⁷ Information concerning the discipline was found from the abstract of the dissertation, available in English at <http://epub.lib.aalto.fi/en/diss/?cmd=show&dissid=311>. Visited on 12.11.2013.

- Legal challenges to future information businesses. Olli Pitkänen, Aalto University – The School of Science – Department of Computer Science and Engineering²³⁸ and Helsinki Institute for Information Technology.
- The justification of copyright²³⁹. Laura Leppämäki, University of Jyväskylä – Faculty of Social Sciences – Department of Social Sciences and Philosophy²⁴⁰.

Licentiate theses

- Biobanks and databases: a study on the possibilities of application of intellectual property protection for databases when collecting human biological material and genetic databases²⁴¹. Erika Bergström, University of Helsinki – Faculty of Law.
- Legal protection and interoperability of computer program interfaces²⁴². Ulla-Maija Mylly, University of Turku – Faculty of Law.
- Peer to peer network and operating environment of digital culture²⁴³. Marko Teppola, University of Lapland – Faculty of Law.

2005

Doctoral dissertations

- Database rights in safe European home: the path to more rigorous protection of information. Perttu Virtanen, Lappeenranta University of Technology – School of Business²⁴⁴.
- *Innovations as communication processes: a legal framework for governing ideas in business.* Annamari Turunen, University of Lapland – Faculty of Law.
- Responsibility for copyright infringement: especially in the information network environment²⁴⁵. Katariina Sorvari, University of Turku – Faculty of Law²⁴⁶.
- The rise of open source licensing: a challenge to the use of intellectual property in the software industry. Mikko Välimäki, Aalto University – The School of Science – Department of Computer Science and Engineering²⁴⁷.

Licentiate theses

- *Right to information: Legal prerequisites for efficient exploitation of higher education institutions' research results*²⁴⁸. Tuomas Aho, University of Helsinki – Faculty of Law.

²³⁸ Information concerning the department was found from the abstract of the dissertation found from the Aalto University of Library, available in English at <http://lib.tkk.fi/Diss/2006/isbn9512279983/>. Visited on 12.11.2013.

²³⁹ Official translation. Original title in Finnish: "Tekijänoikeuden oikeuttaminen".

²⁴⁰ Information concerning the faculty and department was found from the dissertation, available in Finnish at <https://jyx.jyu.fi/dspace/handle/123456789/13397>. Visited on 13.11.2013.

²⁴¹ Translation by the researcher, original title in Swedish: "Biobanker och databaser: en studie av möjligheterna att tillämpa det immaterialrättsliga skyddet för databaser på samlingar humant biologiskt material och genetiska databaser"

²⁴² Translation by the researcher, original title in Finnish: "Tietokoneohjelmien rajapintojen oikeudellinen suoja ja yhteentoimivuus".

²⁴³ Translation by the researcher, original title in Finnish: "Vertaisverkko ja digitaalisen kulttuurin toimintaympäristöt".

²⁴⁴ Information on the discipline of "Business administration" was found from the abstract of the thesis, available in English at <http://www.doria.fi/handle/10024/31230>. Visited on 12.11.2013.

²⁴⁵ Translation by the researcher, original title in Finnish: "Vastuu tekijänoikeuden loukkauksesta: erityisesti tietoverkkoympäristössä".

²⁴⁶ Information concerning the faculty was found from the document presenting doctoral dissertations accepted at the University of Turku's Faculty of Law, available in Finnish at <http://www.utu.fi/fi/yksikot/law/tutkimus/vaitokset/Documents/v%C3%A4it%C3%B6skirjaluettelo.pdf>. Visited on 13.11.2013.

²⁴⁷ Information concerning the department was found from abstract of the dissertation, available in English at <http://lib.tkk.fi/Diss/2005/isbn9529187793/>. Visited on 12.11.2013.

²⁴⁸ Translation by the researcher, original title in Finnish: "Oikeus tietoon: korkeakoulututkimuksen tulosten tehokkaan hyödyntämisen oikeudellisista edellytyksistä".

2004

Doctoral dissertations

- Algorithms for audio watermarking and steganography. Nedeljko Cvejic. University of Oulu – Faculty of Technology – Department of Electrical and Information Engineering.²⁴⁹

Licentiate theses

- Copyright and EU: especially moral rights and legal principles. Alfred Herler, University of Vaasa – Faculty of Business Studies – Department of Economics and Business Law.
- *On the acceptability and justification of intellectual property.* Juha Turunen, University of Turku – Faculty of Law.

2003

Doctoral dissertations

- Essays on the economics of information and communication technologies: copyleft, networks and compatibility: copyleft, networks and compatibility. Mikko Mustonen, University of Helsinki – Faculty of Social Sciences – Department of Political and Economic Studies - The Discipline of Economics.

Licentiate theses

- The church and copyright: a study concerning musical activities of Nordic Evangelical-Lutheran parishes from the viewpoint of changes recommended to the copyright laws²⁵⁰. Kimmo Rilasmaa, University of Lapland – Faculty of Law.
- The TRIPS agreement as a response to a global reality?: new international IPRs and conflict mediation. Petra Hagelstam, University of Helsinki – Faculty of Law.

2002

Doctoral dissertations

- Preliminary injunctions in intellectual property law²⁵¹. Marcus Norrgård, University of Helsinki – Faculty of Law.

Licentiate theses

- Contracts of application service providing²⁵². Tatu Kulmala, University of Turku – Faculty of Law.
- Managing rights in information products on the mobile internet. Olli Pitkänen, Aalto University – The School of Science – Department of Computer Science and Engineering and Helsinki Institute for Information Technology HIIT²⁵³.

2001

Doctoral dissertations

- Copyright for digital musical works in marketing in the Internet²⁵⁴. Brita Kristina Herler, University of Vaasa – Faculty of Business Studies - Department of Economics and Business Law.
- How to leverage intellectual property rights: intellectual property rights, external effects and antitrust in the communication industry. Ilkka Rahnasto, University of Helsinki – Faculty of Law.

²⁴⁹ “The present departments of Electrical engineering, Computer science and engineering and Communications engineering together formed the Department of Electrical and information engineering during the years 2002-2012.” Source: Website of the Department, available in English at <http://www.oulu.fi/eeng/research/dissertations>. Visited on 19.12.2013.

²⁵⁰ Translation by the researcher, original title in Finnish: ”Kirkko ja tekijänoikeus: tutkimus pohjoismaisten evankelis-luterilaisten kirkkojen seurakuntien musiikkitoiminnasta tekijänoikeuslakeihin ehdotettujen muutoksien valossa”.

²⁵¹ Official translation, original title in Swedish: “Interimistiska förbud i immaterialrätten”.

²⁵² Translation by the researcher, original title in Finnish: ”Ohjelmistovuokraussopimukset”.

²⁵³ Information concerning the department was found from the thesis, available in English at <http://www.hiit.fi/u/opp/pub/Pitkanen2002-4.pdf>. Visited on 12.11.2013.

²⁵⁴ Official translation, original title in Swedish: ”Upphovsrättsligt skydd av digitala musikaliska verk vid marknadsföring i Internet”.

Licentiate theses

- Essays in the economics of compatibility and intellectual property rights. Mikko Mustonen, University of Helsinki – Faculty of Social Sciences – Department of Political and Economic Studies - The Discipline of Economics.

2000

Licentiate theses

- Copyright in the digital environment: transfer of copyright in multimedia productions²⁵⁵. Jarmo Koivuniemi, University of Tampere – School of Management.

1999

Doctoral dissertations

- Essays on the economics of intellectual property protection. Tuomas Takalo, University of Helsinki – Faculty of Social Sciences – Department of Political and Economic Studies - The Discipline of Economics.

C. COPYRIGHT-RELATED SCIENTIFIC BOOKS AND OTHER PUBLICATIONS PUBLISHED IN FINLAND IN THE TIME PERIOD OF 1999-2013

The publications listed here are selected on the basis of criteria presented in Table 3 in the Results chapter. The reference codes in brackets are used in Table 4 (*The number and topics of copyright-related scientific books and other publications found through JYKDOK*) in the Results chapter.

2012

- A musician's guide to contracts²⁵⁶. Lottaliina Lehtinen. Tietosanoma, Helsinki. Second Edition, 232 pages. [1. fields]
- An Internet provider and copyright infringement²⁵⁷. Taina Pihlajarinne. Helsinki: Lakimiesliiton kustannus. 182 pages. [1. fields]
- A permission to link: Copyright boundaries in exploiting materials created by others²⁵⁸. Taina Pihlajarinne. Helsinki: Lakimiesliiton kustannus. 2012. 347 pages. [1. fields]
- Music, business and law: essays on contemporary trends in the music industry. Antti-Ville Kärjä, Lee Marshall and Johannes Brusila. IASPM-Norden, Jyväskylä. 149 pages. [2. digital]
- Introduction to the Intellectual Property Law²⁵⁹. Pirkko-Liisa Haarman and Marja-Leena Mansala. Talentum, Helsinki. Second Edition, 198 pages. [3. textbook]

2011

- Copyright, especially for teachers in higher education institutions²⁶⁰. Brita Kristina Herler. Universitas Wasaensis, Vasa. Fifth Edition, 275 pages. [1. fields]
- A copyright guidebook for teachers²⁶¹. Tarmo Toikkanen and Ville Oksanen. Finn Lectura, Helsinki. 142 pages. [1. fields]
- A pirate or an author? Measuring rights of authors²⁶². Juri Nummelin (ed.). Avain, Helsinki. 130 pages. [2. ownership]

²⁵⁵ Translation by the researcher, original title in Finnish: "Tekijänoikeus digitaalisessa ympäristössä: näkökulmana tekijänoikeuden siirtyminen multimediatuotannossa".

²⁵⁶ Official translation, original title in Finnish: "Muusikon Sopimusopas".

²⁵⁷ Translation by the researcher, original title in Finnish: "Internetvälittäjä ja tekijänoikeuden loukkaus".

²⁵⁸ Translation by the researcher, original title in Finnish: "Lupa linkittää : Toisen aineiston hyödyntämisen tekijänoikeudelliset rajat".

²⁵⁹ Translation by the researcher, original title in Finnish: "Immateriaalioikeuden perusteet".

²⁶⁰ Translation by the researcher, original title in Swedish: "Upphovsrätt: särskilt för lärare vid universitet och högskolor".

²⁶¹ Translation by the researcher, original title in Finnish: "Opettajan tekijänoikeusopas".

- Rights of an author? – Communication Law year book 2010²⁶³. Anniina Huttunen, Taina Pihlajarinne, Päivi Tiilikka, Anette Alén. Institute of International Economic Law, Helsinki. 200 pages. [2. ownership]
- The Copyright Council 25 years²⁶⁴. Katariina Sorvari (ed). Edita, Helsinki. 164 pages. [2. collection]

2010

- Copyright, contracts and grants of non-fiction writers²⁶⁵. Heikki Jokinen. The Finnish Association of Non-Fiction Writers, Helsinki. Second edition, 160 pages. [1. fields]
- Copyright in teaching²⁶⁶. Katariina Sorvari. WSOYpro, Helsinki. [1. fields]
- The right of every pirate: a pamphlet²⁶⁷. Ahto Apajalahti and Kaj Sotala. WSOY, Helsinki. 275 pages. [2. ownership]
- In search of new IP regimes. Niklas Bruun (ed.). IPR University Center, Helsinki. 221 pages. [2. collection]

2009

- Advertiser's copyright guidebook²⁶⁸. Tarja Tchernych. The Association of Finnish Advertisers, Helsinki. Second edition, 114 pages. [1. fields]
- Copyright and the digital economy²⁶⁹. Rainer Oesch, Hanna Heiskanen, Outi Hyyrynen (ed.). WSOYpro, Helsinki. 210 pages. [2. digital]
- Copyright in teaching: A guidebook for teachers, trainers and education authorities²⁷⁰. Marja-Leena Mansala. Edita, Helsinki. 123 pages. [1. fields]
- Digital image: sale, purchase and right to use²⁷¹. Timo Suvanto, Olli Rinne and Sakari Mäkelä. WSOY, Helsinki. 200 pages. [1. fields]
- Database protection – Publicity and secrecy as well as the protection of certain personal data²⁷². Alfred Streng. University of Vasa. 266 pages. [1. fields]
- Immaterial economy: the new form of capitalism²⁷³. Otto Bruun, Teppo Eskelinen, Ilkka Kauppinen and Hanna Kuusela. Gaudeamus, Helsinki. 230 pages. [2. ownership]
- Rights to computer software²⁷⁴. Mikko Välimäki. Turre Publishing, Helsinki. Second Edition 282 pages. [1. fields]

2008

- Essays on intellectual property rights. 9²⁷⁵. Katariina Sorvari (ed.). University of Turku. 140 pages. [2. collection]

²⁶² Translation by the researcher, original title in Finnish: "Piraatti vai kirjailija?: tekijän oikeuksia mittaamassa".

²⁶³ Translation by the researcher, original title in Finnish: "Tekijän oikeudet?: viestintäoikeuden vuosikirja 2010.

²⁶⁴ Translation by the researcher, original title in Finnish: "Tekijänoikeusneuvosto – 25 vuotta".

²⁶⁵ Translation by the researcher: original title in Finnish: "Tietokirjailijan eväät: tekijänoikeus, sopimukset ja apurahat".

²⁶⁶ Translation by the researcher, original title in Finnish: "Opetustoimen tekijänoikeudet".

²⁶⁷ Translation by the researcher, original title in Finnish: "Jokapiraatinoikeus: pamfletti".

²⁶⁸ Translation by the researcher, original title in Finnish: "Mainostajan tekijänoikeusopas".

²⁶⁹ Translation by the researcher, original title in Finnish: "Tekijänoikeus ja digitaalitalous".

²⁷⁰ Translation by the researcher, original title in Finnish: "Tekijänoikeus opetuksessa: opas opettajille, kouluttajille ja opetushallintoon".

²⁷¹ Translation by the researcher, original title in Finnish: "Digikuva: myynti, osto ja käyttöoikeus".

²⁷² Translation by the researcher, original title in Swedish: "Skydd av databaser - offentlighet och sekretess samt dataskydd för vissa personuppgifter".

²⁷³ Translation by the researcher, original title in Finnish: "Immateriaalitalous: kapitalismin uusi muoto".

²⁷⁴ Translation by the researcher, original title in Finnish: "Oikeudet tietokoneohjelmistoihin".

²⁷⁵ Original title in Finnish: "Teollisoikeudellisia kirjoituksia 9".

- Essays on intellectual property rights. 10²⁷⁶. Katariina Sorvari (ed.). University of Turku. 246 pages. [2. collection]
- Television in the future. Certain questions related to marketing and copyright²⁷⁷. Joachim Enkvist. Hanken School of Economics, Helsinki. 240 pages. [1. fields]

2007

- Community created content: law, business and policy. Herkko Hietanen, Ville Oksanen and Mikko Välimäki. Turre Publishing, Helsinki. 127 pages. [2. ownership]
- Copyright and libraries in the network environment²⁷⁸. Heikki Poroila. Avain. Second edition, 212 pages.²⁷⁹ [1. fields]
- Copyright infringement²⁸⁰. Katariina Sorvari. WSOYpro, Helsinki. 447 pages [1. fields]
- Essays on intellectual property rights 8²⁸¹. Katariina Sorvari (Eds). University of Turku. 174 pages. [2. collection]
- Freedom to create: conditions for creativity and copyright²⁸². Tuomas Mylly, Marko Karo, Juha Lavapuro (ed.). Gaudeamus, Helsinki. 285 pages. [2. ownership]
- IPR-contracts, competition and enforcement²⁸³. Rainer Oesch (et al.). Edita, Helsinki. 261 pages. [1. fields]
- University inventions²⁸⁴. Niklas Bruun and Mikko Välimäki. IPR University Center, Helsinki. 179 pages. [1. fields]

2006

- Copyright – A commentary and guidebook²⁸⁵. Kristiina Harenko, Valtteri Niiranen, Pekka Tarkela. Werner Söderström Lakitieto OY, Helsinki. 755 pages. [3. textbook]
- Copyright in the information society²⁸⁶. Panu Pöykkylä (ed.). Edita, Helsinki. 246 pages. [2. digital]
- A digital problem: A book on law and environment²⁸⁷. Jukka Kempainen. Lappeenranta University of Technology. 492 pages. [2. digital]
- Intellectual property law²⁸⁸. Pirkko-Liisa Haarman. Talentum, Jyväskylä. Fourth edition, 395 pages. [3. textbook]
- A new copyright guide for photographers²⁸⁹. Kai Nordberg, Tuomo-Juhani Vuorenmaa (ed.). Suomen valokuvajärjestöjen keskusliitto Finnfoto: Musta taide, Helsinki. 135 pages. [1. fields]

²⁷⁶ Original title in Finnish: "Teollisoikeudellisia kirjoituksia 10".

²⁷⁷ Translation by the researcher, original title in Swedish: "Framtidens television : vissa marknadsförings- och upphovsrättsliga spörsmål".

²⁷⁸ Original title in Finnish: "Tekijänoikeus ja kirjastot tietoverkkojen maailmassa".

²⁷⁹ Source: Book Store Adlibris.com, available in Finnish <http://www.adlibris.com/fi/product.aspx?isbn=9516926231>. Visited on 30.10.2013.

²⁸⁰ Translation by the researcher, original title in Finnish: "Tekijänoikeuden loukkaus".

²⁸¹ Original title in Finnish: "Teollisoikeudellisia kirjoituksia 8".

²⁸² Translation by the researcher, original title in Finnish: "Tekemisen vapaus: Luovuuden ehdot ja tekijänoikeus".

²⁸³ Original title in Finnish: "IPR-sopimukset, kilpailu ja suojan toteuttaminen: immateriaalioikeuksien hyödyntäminen".

²⁸⁴ Original title in Finnish: "Korkeakoulueksinnöt".

²⁸⁵ Translation by the researcher, original title in Finnish: "Tekijänoikeus – kommentaari ja käsikirja".

²⁸⁶ Translation by the researcher, original title in Finnish: "Tekijänoikeudet tietoyhteiskunnassa".

²⁸⁷ Translation by the researcher, original title in Finnish: "Digitaaliongelman kirjoitus oikeudesta ja ympäristöstä".

²⁸⁸ Translation by the researcher, original title in Finnish: "Immateriaalioikeus".

²⁸⁹ Translation by the researcher, original title in Finnish: "Valokuvaajan uusi tekijänoikeusopas 2006".

2005

- Copyright and the neighbouring rights²⁹⁰. Pirkko-Liisa Haarman. Talentum, Helsinki. 3.edition. 428 Pages. [3. textbook]
- Intellectual property beyond rights. Niklas Bruun (ed.). WSOY, Helsinki. 364 pages. [2. collection]

2004

- Fake art: art crime in Finland²⁹¹. Suomen vakuutusalan koulutus ja kustannus, Helsinki. 112 pages. [1. fields]
- Intellectual property rights in firms' contracts: patent right, utility model protection, design right, integrated circuit layout design protection, trademark right and copyright in contractual relations²⁹². Jyrki Siivola. Teknova Publishers, Helsinki. 109 pages. [1. fields]
- Intellectual property rights in insolvency procedure²⁹³. Santtu Turunen (ed.). University of Helsinki. 330 pages. [1. fields]
- The right to one's own Image²⁹⁴. Mikko Hoikka. University of Turku – Faculty of Law. 91 pages. [1. fields]

2003

- Contracts of the application service providing²⁹⁵. Tatu Kulmala. University of Turku. 142 pages. [1. fields]
- Creativity, rights and changing markets: A publication in honour of Keijo Heinonen 1923-26/11-2003²⁹⁶. Marja-Leena Mansala (ed.). Talentum Lakimiesliiton Kustannus, Helsinki. 292 pages. [2. collection]
- Essays on intellectual property rights 5²⁹⁷. Ari Saarnilehto (ed.). University of Turku. Pages 135. [2. collection]
- Exposure: from friction to freedom. Jyri Engeström, Marko Ahtisaari, Alex Nieminen (ed.). Aula, 2003. 127 pages. [2. digital]
- Protect or plunder?: understanding intellectual property rights. Vandana Shiva. Like: Maan ystävät: Suomen rauhanpuolustajat, Vantaa. 181 Pages. [2. ownership]
- Copyright protection mechanisms and private use²⁹⁸. Inari Kinnunen, University of Turku. 95 pages. [1. limitations]

2002

- Intellectual property law book²⁹⁹. Pirkko-Liisa Haarman and Marja-Leena Mansala. Lakimiesliiton Kustannus, Helsinki. Second Edition, 917 pages. [3. textbook]

2001

- Copyright cases in the High Court during the years 1932-2000³⁰⁰. Kaisa-Reetta Karhu, Jyri Kukkonen, Jukka Liedes and Tommi Nilsson. Finnish Copyright Institute, Helsinki. [3. law cases]

²⁹⁰ Translation by the researcher, original title in Finnish: ”Tekijänoikeus ja lähioikeudet”.

²⁹¹ Translation by the researcher, original title in Finnish: ”Väärää taidetta: taiderikollisuus Suomessa”.

²⁹² Translation by the researcher, original title in Finnish: ” Immateriaalioikeudet yritysten sopimuksissa : patenti-, hyödyllisyysmalli-, malli-, piirimalli- ja tunnusmerkkioikeudet sekä tekijänoikeudet sopimussuhteissa”.

²⁹³ Translation by the researcher, original title in Finnish: ”Immateriaalioikeudet insolvenssimenettelyssä”.

²⁹⁴ Translation by the researcher, original title in Finnish: ”Oikeus omaan kuvaan”.

²⁹⁵ Translation by the researcher, original title in Finnish: ”Ohjelmistovuokraussopimukset”.

²⁹⁶ Translation by the researcher, original title in Finnish: ” Luovuus, oikeus ja muuttuvat markkinat : juhlaulkaisu : Keijo Heinonen 1923-26/11-2003”.

²⁹⁷ Original title in Finnish: ”Teollisoikeudellisia kirjoituksia 5”.

²⁹⁸ Translation by the researcher, original title in Finnish: ”Tekijänoikeuden tekniset suoja-keinot ja teosten yksityinen käyttäminen”.

²⁹⁹ Translation by the researcher, original title in Finnish: ”Immateriaalioikeuden lakikirja”.

- Intellectual property rights in international business³⁰¹. Tuomas Mylly (toim.). Kauppakaari, Helsinki. 185 pages. B [1. fields]
- Public performance as a copyright limitation³⁰². Vappu Verronen, University of Turku. 104 pages. [1. limitations]

2000

No publications meeting the selection criteria were found.

1999

- Copyright in teaching³⁰³. Juha Jukkara and Markku Poutala. Edita, Helsinki. 148 pages. [1. fields]
- Copyright questions in the digital environment. Kristiina Harenko. Finnish Copyright Society, Helsinki. 152 pages. [2. digital]
- Intellectual property rights: EC legislation. IPR University Center, Helsinki 195 pages. [3. EC]
- Intellectual property rights: judgments of the court of the European communities. IPR University Center, Helsinki. 956 pages. [3. law cases]

D. INFORMATION SOURCES

International:

- European Commission - Description of the European Credit Transfer and Accumulation System http://ec.europa.eu/education/lifelong-learning-policy/ects_en.htm

Finland:

▪ ***Aalto University (Aalto-yliopisto):***

- Aalto University Library, text in Finnish: <http://lib.aalto.fi/fi/>
- Document including descriptions of the courses offered at the School of Business, text in Finnish: https://into.aalto.fi/download/attachments/7969342/kurssikuvaukset_Intoon_elokuu_2013.pdf?version=1&modificationDate=1377008037000
- History of the Aalto University School of Science, text in English: <http://www.aalto.fi/en/about/history/tkk>
- "Law and Technology" studies at the Department of Compute Science and Engineering, text in English: <https://cse.aalto.fi/studies/masters-degree/law-and-technology-a3/>
- Study guide of the School of Business, text in Finnish: <http://studyguides.aalto.fi/biz/2013-13/fi/>

▪ ***Academy of Finland (Suomen Akatemia):***

- Assessment report on the targeted call for intellectual property research (2001-2004), text in Finnish: http://www.aka.fi/Tiedostot/Tiedostot/Julkaisut/4_06%20Immateriaali.pdf.

³⁰⁰ Translation by the researcher, original title in Finnish: "Tekijänoikeustapaukset ylemmissä oikeusasteissa vuosina 1932-2000".

³⁰¹ Translation by the researcher, original title in Finnish: "Immateriaalioikeudet kansainvälisessä kaupassa".

³⁰² Translation by the researcher, original title in Finnish: "Vapaa julkinen esittäminen tekijänoikeuden rajoituksena".

³⁰³ Translation by the researcher, original title in Finnish: "Tekijänoikeudet opetustyössä".

- "The condition of intellectual property research in Finland and needs for development", text in Finnish:
[http://www.aka.fi/Tiedostot/Tiedostot/Julkaisut/Immateriaalioikeuden%20utkimus%20\(pdf\).pdf](http://www.aka.fi/Tiedostot/Tiedostot/Julkaisut/Immateriaalioikeuden%20utkimus%20(pdf).pdf)
 - Grant Decisions, text in English: <http://www.aka.fi/en-GB/A/Decisions-and-impacts/Decisions/>
- **Hanken School of Economics (Svenska Handelhögskolan):**
 - Master's Degree Program in Intellectual Property Law (IPL), text in English:
<http://www.hanken.fi/public/en/ipl>
 - Researcher biography of Professor in Commercial Law, Niklas Bruun, text in English:
<http://www.hanken.fi/staff/bruun/>
 - Researcher biography of Professor of Intellectual Property, Nari Lee, text in English:
<http://www.hanken.fi/staff/nalee/>
 - Researcher biography of Professor Marcus Norrgård, text in English:
<http://www.hanken.fi/staff/manorrga/>
 - Study guide (2013-2014) of the Hanken School Economics, text in Swedish and English:
<http://www.hanken.fi/student/StudyHandbook>
- **Lappeenranta University of Technology (Lappeenrannan teknillinen yliopisto, LUT):**
 - Description of the studies offered at the School of Business, text in English:
<http://www.lut.fi/web/en/school-of-business/studies>
 - Document including descriptions of the courses offered in English at Lappeenranta University of Technology, text in English: https://uni.lut.fi/fi/c/document_library/get_file?uuid=263fd2f4-8c91-4d30-9ec3-7d5c09bd5c21&groupId=10304
 - Study guide (2013-2014) of the School of Business, text in Finnish:
https://uni.lut.fi/fi/c/document_library/get_file?uuid=76b4ad0d-5b4a-4f47-bdde-cdf5ffeb0658&groupId=10304
- **University of Eastern Finland (Itä-Suomen yliopisto):**
 - Description of the studies at the Law School, text in English:
<http://www.uef.fi/en/oikeustieteet/etusivu>
 - Study guide (2013-2014) of the Faculty of Social Sciences and Business Studies, text in Finnish:
<http://www.uef.fi/fi/kauppatieteet/opinto-opas>
 - Study guide (2013-2014) of the Law School, text in Finnish:
<http://www.uef.fi/fi/oikeustieteet/opinto-opaat-ja-ohjeet>
 - Study guide of the Master's Degree Program in Environmental Policy and Law, text in English:
<http://www.uef.fi/en/envlawandpolicy/studies>
- **University of Helsinki (Helsingin yliopisto):**
 - A list of disciplines offered at the Faculty of Law, text in English:
<http://www.helsinki.fi/law/disciplines/index.html>
 - Courses offered at the Faculty of Law in English:
https://weboodi.helsinki.fi/hy/vl_kehys.jsp
 - Degree Structure of the Master's Degree Program in International Business Law and Public International Law, text in English:
<http://www.helsinki.fi/ilm/structure/Degree%20requirements%202013.pdf>

- Document presenting studies in the Master's Degree Program in International Business Law and Public International Law, text in English: <http://www.helsinki.fi/law/studies/mdp/IBL2013-2014%20teaching%20programme.pdf>
 - "Helda" research database, text in English: <https://helda.helsinki.fi/?locale-attribute=fi>
 - Researcher biography of Professor in Commercial Law Rainer Oesch, text in Finnish: http://www.helsinki.fi/oikeustiede/tiedekunta/henkilosto_yksoik/oesch_rainer.htm
 - Researcher profile of Professor of Copyright Taina Pihlajarinne at Research Database Tuhat, text in English: [https://tuhat.halvi.helsinki.fi/portal/en/persons/taina-pihlajarinne\(2e4c4c9e-ee89-4b88-87b5-34862550f0ef\).html](https://tuhat.halvi.helsinki.fi/portal/en/persons/taina-pihlajarinne(2e4c4c9e-ee89-4b88-87b5-34862550f0ef).html)
 - Student portal, text in English: <https://weboodi.helsinki.fi/hy/frame.jsp?Kieli=6&valittuKieli=6>
 - Study guide (2013-2014) of the Discipline of "Economic and Social History", text in Finnish <http://www.valt.helsinki.fi/yhis/opiskelu.htm>
 - Study guide (2013-2014) of the Discipline of "Economics", text in Finnish: <http://www.helsinki.fi/valtiotieteellinen/taloustiede/opiskelijaksi/opinto-oppaat.html>
 - Study guide (2013-2014) of the Faculty of Law, text in Finnish: http://www.helsinki.fi/oikeustiede/opiskelu/opinto-oppaat_pdf/Opinto-opas_2013-2014.pdf
 - Website of the Master's Degree Program in International Business Law and Public, text in English: http://www.helsinki.fi/llm/structure/structure_content.html
- **University of Jyväskylä (Jyväskylän yliopisto):**
 - Jyväskylä University Digital Archive, text in English: <https://jyx.jyu.fi/dspace/>
 - Jyväskylä University Library – Fennica – depository collection, text in Finnish: <https://kirjasto.jyu.fi/kokoelmat/vapaakappalekokoelma>
 - Jyväskylä University Library - JYKDOK search engine, text in Finnish: https://jykdok.linneanet.fi/vwebv/searchBasic?sk=fi_FI
 - Study guide (2013-2014) of the School of Business and Economics , text in Finnish: <https://www.jyu.fi/jsbe/opiskelu/opintojen-tueksi/manual/ops1316/opintojaksokuvaukset/kao>
- **University of Lapland (Lapin yliopisto):**
 - A list of disciplines offered at the Faculty of Law, text in Finnish: <http://www.ulapland.fi/Suomeksi/Yksikot/Oikeustieteiden-tiedekunta/Opinnot/Oppiaineet>
 - Structure of the Master's Degree Program in International and Comparative Law: <http://www.ulapland.fi/InEnglish/Units/Faculty-of-Law/Studies/Degree-Programmes/Master-of-International-and-Comparative-Law/Structure-of-the-Programme>
 - Study guide of the Discipline of Management (2013-2014), text in Finnish: https://weboodi.ulapland.fi/lay/vl_kehys.jsp?MD5avain=&Kieli=1&Org=11924824&vl_tila=1&Opas=1491
 - Study guide of the Faculty of Law (2013-2014), text in Finnish: <http://www.ulapland.fi/loader.aspx?id=4f5c6637-e45d-474c-922c-8992c845af11>
 - Study guide of the Faculty of Social Sciences (2013-2013), text in Finnish: <http://www.ulapland.fi/loader.aspx?id=4e7871f0-166f-4b74-b54d-20c32220b8ae>
- **University of Oulu (Oulun yliopisto):**
 - Department of Electrical Engineering, text in English: <http://www.oulu.fi/eeng/research/dissertations>
 - International master's degree programs offered at the Oulu Business School, text in English:

- <http://www.oulubusinessschool.fi/studies>
 - Study guide (2013-2014) of the Oulu Business School, text in Finnish:
<http://www.taloustieteet.oulu.fi/opiskelu/opinto-opas>
 - Study guide of the “Technology Driven Business” MBA program, text in English:
http://www.oulubusinessschool.fi/mba_programme/mba_study_guide
- **University of Turku (Turun yliopisto):**
 - A document presenting doctoral dissertations accepted at the Faculty of Law, text in Finnish:
<http://www.utu.fi/fi/yksikot/law/tutkimus/vaitokset/Documents/v%C3%A4it%C3%B6skirjaluettelo.pdf>
 - A list of the disciplines offered at the Faculty of Law, text in English:
<http://www.utu.fi/en/units/law/research/disciplines/Pages/home.aspx>
 - Master’s Degree Program in Law and Information Society (LIS), text in English:
<http://www.utu.fi/EN/UNITS/LAW/STUDYING/MASTERS-DEGREE-PROGRAM/Pages/home.aspx>
 - Researcher biography of Associate Professor of Law at the Faculty of Law, Tuomas Mylly, text in English: <http://www.utu.fi/en/units/law/faculty/faculty-staff/stafflist/Pages/Tuomas-Mylly.aspx>
 - Study guide (2013-2014) of the Faculty of Law, text in Finnish:
<https://nettiopsu.utu.fi/opas/index.htm#O>
 - Study guide (2013-2014) of the Turku School of Economics, text in Finnish:
http://www.utu.fi/fi/yksikot/tse/opiskelu/opinto-opas/Documents/Opinto-opas%2013-14_valmis.pdf
- **University of Vaasa (Vaasan yliopisto):**
 - Department of Public Law, text in English:
http://www.uva.fi/fi/about/organisation/faculties/public_law/
 - Study guide (2013-2014) of the Discipline of Public Law, text in Finnish:
http://www.uva.fi/fi/for/student/materials/handbooks/administrative_sciences/handbook2013/
 - Study guide (2013-2014) of the Faculty of Business Studies, text in Finnish:
<http://www.uva.fi/fi/for/student/materials/handbooks/business/opinto-opas20.9.2013.pdf>
- **Åbo Akademi University (Åbo Akademi):**
 - Descriptions of the courses provided at the Åbo Akademi University, text in Swedish and English:
<http://admin.abo.fi/kurser/>
 - Description of the Turku Law School on website of the Åbo Akademi University, text in Swedish:
<http://www.abo.fi/institution/studierrvi>
 - Study guide (2013-2014) of the Department of Law, text in Swedish:
<http://www.abo.fi/institution/rattsvetstudiehandbok20132014>
 - Study guide (2013-2014) of the School of Business and Economics, text in Swedish:
<http://www.abo.fi/institution/hhaastudiehandbok20132014>
- **Other:**
 - “Adlibris” book store – “Copyright and Libraries in the Network Environment” by Heikki Poroila, text in Finnish: <http://www.adlibris.com/fi/product.aspx?isbn=9516926231>
 - Copyright Institute of the Finnish Copyright Society – Publications series, text in Finnish:
<http://www.copyrightsociety.fi/index.php?id=104>
 - Emil Aaltonen Foundation – Grant Decisions, text in Finnish:

- <http://www.emilaaaltonen.fi/apu.htm>
- Helsingin Sanomat Foundation – Grant Decisions, text in English:

<http://www.hssaatio.fi/en/grants/awards.html>
- Helsinki Institute for Information Technology – publications by Olli Pitkänen, text in English:

<http://www.hiit.fi/u/opp/pub/>
- IPR University Center – Intellectual property study projects, text in Finnish:

http://www.iprinfo.com/koulutus/perusopinnot/fi_FI/perusopinnot/
- Jenny and Antti Wihuri Foundation – Grant Decisions, text in Finnish:

<http://www.wihurinrahasto.fi/apurahat.html>.
- Juuli – Finnish Research Publications, text in English:

<http://www.juuli.fi/?&lng=en>
- Kone Foundation - Grant Decisions, text in Finnish and partially in English:

<http://www.koneensaatio.fi/en/grants/decisions/>
- “Lulu” bookstore – “Exposure: From Friction to Freedom”, text in English:

<http://www.lulu.com/shop/aula/exposure-from-friction-to-freedom/ebook/product-17548029.html>
- Melinda - The Union Catalogue of Finnish Libraries, text in English:

http://melinda.kansalliskirjasto.fi/F/JV55PXTPSUM6MD2PU6RY8HJIMTT1MYK2NAJVK6R9BV7VY5YBK-25354?func=file&file_name=ohje.htm
- National Library of Finland – “Doria” research database, text in English: <http://www.doria.fi/>
- Swedish Cultural Foundation of Finland – Year Book (2012-2013), text in Swedish:

<http://www.kulturfonden.fi/Site/Data/686/Files/arsboken2013web2.pdf>
- Tekes – the Finnish Funding Agency for Technology and Innovation – Search engine for funding decisions, text in Finnish:

https://extranet.tekes.fi/ibi_apps/WFServlet?IBIF_ex=o_projekti_htm1&IBIAPP_app=openraho
- The Finnish Cultural Foundation – Grant Decision, text in Finnish: <https://skr.fi/apurahat>
- Turku Centre for Computer Science (TUCS) – publications, text in English:

<http://tucs.fi/publications/search/>
- Turku Law School (TLS) - Study guide (2013-2014), text in English:

http://www.utu.fi/en/units/law/studying/turku-law-school/Documents/TLS_opas_1314.pdf
- University of Tampere – Study guide (2013-2014) of the School of Management, text in Finnish:

<http://www10.uta.fi/opas/tieteenalayksikko.htm?opsId=124&uiLang=fi&lang=fi&lvv=2013>

E. CONSULTED PARTIES

- Erkki Kurkinen, researcher at the University of Jyväskylä – Faculty of Information Technology – Department of Mathematical Information Technology. Leader of the “Real Protection” project (face-to-face interview on 16.10.2013).
- Hannu Nieminen, Professor of Media and Communication at the University of Helsinki – Faculty of Social Sciences – Discipline of Communication. Leader of the “FACE” project (face-to-face interview on 22.10.2013).
- Maire Wikholm, Information officer of the library of the Finnish Copyright Society (consulted on 30.9.2013 by e-mail).
- Marcus Norrgård, Professor of Law at the Vaasa Unit of Legal Studies of the University of Helsinki. Leader of the “PatLim” project at the Hanken School of Economics. (consulted on 20.11.2013 by phone).
- Nari Lee, Professor of Intellectual Property. Leader of the “TranSip” project at the Hanken School of Economics (consulted on 27.11.2013 by e-mail).

- Niklas Bruun, Professor in Commercial Law, especially in Intellectual Property at the Hanken School of Economics. Researcher in the “TranSIP” project. (face-to-face interview on 7.11.2013).
- Taina Pihlajarinne, Professor of Copyright at the University of Helsinki – Faculty of Law. Leader of the Media Law Project at the Institute of International Economic Law (face-to-face interview on 21.10.2013).
- Tiina Kautio, Project coordinator of the “Assessing the operation of copyright and related rights systems” project at the Foundation for Cultural Policy Research (Cupore) (consulted on 4.11.2013 and 6.11.2013).
- Tuomas Mylly, Associate professor of law at the University of Turku and Director of intellectual property related area in the “ECOHERENCE” research project (face-to-face interview on 17.10.2013).
- Tuula Maijala, Department Secretary at the Ministry of Education and Culture (consulted on 13.2.2013 by e-mail).

F. QUESTIONNAIRE FOR THE INTERVIEWS

The following questionnaire was compiled from an exemplary questionnaire presented in a separate toolkit of questionnaires (see the Cupore website at www.cupore.fi).

“A unit” refers to department, faculty or institute. The unit was defined by each interviewee.

Questions in Finnish are in Italics.

1. Could you describe the structure of the unit you represent? What is your position and responsibilities at the unit? What is your position in different research groups or projects?
Mistä yksikköönne koostuu ja mitkä ovat työtehtävänne siinä? Millaisissa rooleissa toimitte erilaisissa tutkimusryhmissä tai – projekteissa?
2. Could you describe the main duties of the personnel? What is the total number of researchers at the unit?³⁰⁴
Millainen on yksikköönne henkilökuntarakenne? Kenen kaikkien työtehtäviin kuuluu tutkimus?
3. What is the total number of/*Kuinka paljon yksikössä on:*
 - Professors, research leaders or lecturers directly involved in research or teaching of copyright or intellectual property related issues?
Immateriaali- tai tekijänoikeuden aloille määriteltyjä professoreita, tutkimusjohtajia tai lehtoraatteja?
 - Researchers whose research areas include copyright-related issues?
Tutkijoita, joiden tutkimusteemat sisältävät tekijänoikeuteen liittyviä asioita?
4. What is the total number of separately funded copyright-related research projects in your unit during the last year?
Kuinka monta tekijänoikeuteen liittyvää erillisrahoitettua tutkimusprojektia yksikössä on ollut meneillään viimeisen vuoden aikana?
 - Please estimate the share of copyright-related issues in each of these projects (1-100 %)
Voisitko arvioida tekijänoikeuteen liittyvien asioiden osuutta näissä hankkeissa (1-100 %)?

³⁰⁴ This question did not provide any comprehensive information in this pilot study. The interviewees did not know exact number of researchers in the units.

- What is the amount of personnel? (in full time equivalents) involved in these research projects (please give an estimate, consider the mean number of the whole funding period, two half-time researchers form one full-time researcher and so on)³⁰⁵
Voisitteko arvioida, kuinka paljon näissä hankkeissa toimii kokopäiväistä henkilökuntaa? (Kokopäiväisen henkilökunnan keskiarvo, jaettaessa henkilökunnan määrä koko rahoituskaudelle, kaksi puolipäiväistä muodostaa yhden kokopäiväisen ja niin edespäin)
- What are the main sources of financing for each project on copyright-related issues in your unit? (If possible, provide information on a) the total amount of financing as well as b) the share of public financing in %³⁰⁶)
Kuinka suuri on kunkin hankkeen kokonaisrahoitus, ketkä ovat rahoittajia ja mikä on julkisen rahoituksen osuus kunkin hankkeen kokonaisrahoituksesta?

³⁰⁵ In this study, “personnel” was defined to include the following positions: Research directors, researchers and researcher assistants.

³⁰⁶ The share of public funding was not reported in this pilot study. Estimating the share of public funding was difficult in the case of Tekes, which is funded by both public and private actors.

Assessing Copyright and Related Rights Systems: Piloting of the methodology framework in Finland

Cupore webpublications 39:1	<i>National Context. Report on Piloting in Finland.</i>
Cupore webpublications 39:2	<i>International and Regional Context. Report on Piloting in Finland.</i>
Cupore webpublications 39:3	<i>Technological Development. Report on Piloting in Finland.</i>
Cupore webpublications 39:4	<i>Macroeconomic Importance of Copyright Industries. Report on Piloting in Finland.</i>
Cupore webpublications 39:5	<i>Markets for Copyrighted Products and Services – Focus: Literature (Book Publishing Industry). Report on Piloting in Finland.</i>
Cupore webpublications 39:6	<i>Volume of Domestic Production of Copyrighted Products and Services. Report on Piloting in Finland.</i>
Cupore webpublications 39:7	<i>Volume of Exported and Imported Copyrighted Products and Services. Report on Piloting in Finland.</i>
Cupore webpublications 39:8	<i>Development of Digital Business Models and Income Based on Digital Distribution. Report on Piloting in Finland.</i>
Cupore webpublications 39:9	<i>Copyright Law. Report on Piloting in Finland.</i>
Cupore webpublications 39:10	<i>Copyright Policy. Report on Piloting in Finland.</i>
Cupore webpublications 39:11	<i>Public Consultation on Law Proposals. Report on Piloting in Finland.</i>
Cupore webpublications 39:12	<i>Use of Impact Assessment and Research in Policy Development. Report on Piloting in Finland.</i>
Cupore webpublications 39:13	<i>Public Administration of Copyright. Report on Piloting in Finland.</i>
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