



Aalto University

Curriculum for Aalto Doctoral Programme in Business, Economics and Finance 2024-2026

Content

According to the Aalto University General Regulations on Teaching and Studying, a curriculum is a confirmed overall description of the learning outcomes of the degree programme, the goals and contents of the study modules, course selection and the organisation of teaching in a given period of time. The course descriptions and organization of teaching is presented in Sisu.

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1. Basic information on the programme

1.1. Name of the programme

Aalto Doctoral Programme in Business, Economics and Finance
Kauppatieteiden tohtorihjelma

1.2. Title of the degree earned

Doctor of Science (Economics)
Licentiate of Science (Economics)

1.3. Languages of degree

Finnish, English

1.4. Programme scope

60 ECTS + doctoral thesis / licentiate thesis

1.5. Target time

Doctoral degree: 4 years of full-time studies or 4-8 years of part-time studies
Licentiate degree: 2 years of full-time studies or 2-4 years of part-time studies

2. Education objectives and intended learning outcomes of the programme

Aalto Doctoral Programme in Business, Economics and Finance provides doctoral students with comprehensive research training in a unique multidisciplinary environment, characterized by a longstanding commitment to research excellence and courageous, low-hierarchy culture with empowered students. The programme equips its graduates for successful international careers in the world of higher education and academic research.

The programme is designed for highly motivated and ambitious aspiring business, economics and finance scholars who have excellent analytical, critical thinking, communication, and interpersonal skills and who are willing to serve as the future leaders in the world of higher education and academic research.

The program prepares its graduates for thriving international careers, primarily within the realms of higher education and academic research, while also opening doors to opportunities beyond academia.

The graduates of the doctoral programme will demonstrate:

1. competence to carry out independent and original academic research
2. deep and broad discipline-specific knowledge of their field of research
3. mastery of the scientific research methods in their respective fields of research
4. deep understanding of research ethics
5. good project management skills
6. enhanced pedagogical and academic leadership skills, and

7. strong communication and interpersonal skills.

2.1. Intended learning outcomes for General research studies

After successfully completing the required modules, the doctoral student will be able to:

- to comprehend and conscientiously address the fundamental ethical and sustainability considerations associated with their research.
- choose and apply appropriate research methods to the research question at hand.
- adhere to the principles of responsible conduct of research (RCR) in both their research work and interactions within the research community.
- work collaboratively within a multidisciplinary and international environment, engaging with diverse stakeholders.
- proficiently present their research in both academic and professional settings.
- identify, utilize, and communicate their transferable skills, such as communication, interpersonal, project management, leadership, and pedagogical skills, to work successfully in academic and other professional positions.

2.2. Intended learning outcomes for Research field studies

After successfully completing the required modules, the doctoral student will be able to:

- demonstrate advanced discipline-specific knowledge and expertise.
- identify essential research methods for their own research and apply them proficiently.
- disseminate research findings through relevant academic forums and to the wider public.

2.3. Intended learning outcomes for Doctoral thesis

After successfully defending their thesis, the doctoral student will demonstrate the ability to:

- plan, carry out and report on their research and manage their research data in accordance with established standards of academic research.
- proficiently search for, apply, analyse, synthesize, and critically evaluate existing knowledge; formulate research questions; and employ research methods to create new scientific knowledge.
- independently carry out research that generates novel insights and theoretical advancements in their own field of research.
- make syntheses and critical assessments required for addressing and resolving complex problems in the realms of research, innovation, and societal challenges.

3. Structure of the programme

Doctoral thesis / Licentiate thesis	General research studies (18-24 or 48 ECTS)
	Research field studies (12 or 36-42 ECTS)

3.1. Study modules

The programme comprises three study modules:

- General research studies, 18-24 or 48 ECTS (depending on the major)
- Research field studies, 12 or 36-42 ECTS (depending on the major)
- Doctoral thesis / licentiate thesis

General research studies equip students with the necessary skills for conducting research, applying research findings, and understanding the principles of responsible research conduct. These studies may also encompass the development of transferable skills.

For the majors of Economics and Finance the scope of the General research studies is 48 ECTS. For the majors in the so-called specialization area in Business the scope of the General research studies is 18-24 ECTS.

Completing the required Research field studies and the doctoral thesis help students gain comprehensive and in-depth knowledge of their chose field of research and develops their skills in effectively communicating and disseminating their research findings.

For the majors of Economics and Finance the scope of the Research field studies is 12 ECTS. For the majors in the so-called specialization area in Business the scope of the Research field studies is 36-42 ECTS.

No credits are granted for the completion of the doctoral thesis or licentiate thesis.

3.2. Doctoral personal study plan

Based on the degree regulations on doctoral education, doctoral students must prepare a doctoral personal study plan (DPSP), which includes plans for the contents, scope and duration of their studies, research, supervision, funding, and career. Students who wish to deviate from the approved curriculum of their programme must obtain approval for their doctoral personal study plan.

In addition to the courses taught at the School in Business, the degree can include other courses taught in Aalto University or other universities, subject to agreement with the supervising professor documented in the doctoral personal study plan (DPSP) of the student.

3.3. Licentiate degree

If the student does not want to finish the doctoral degree, the licentiate degree can be completed as an intermediate degree. The licentiate degree consists of an approved licentiate thesis and the same 60 ECTS of studies as for the doctoral degree.

3.4. Majors

The Aalto Doctoral Programme in Business, Economics and Finance offers 12 academic majors confirmed by the Academic Committee of the School. The descriptions of the majors can be found here: <https://www.aalto.fi/en/doctoral-education/majors-and-supervising-professors-school-of-business>

4. Degree requirements

4.1. Entrepreneurship

Entrepreneurship is a multi-faceted and pronouncedly multi-disciplinary field of research for researchers from different backgrounds including but not limited to business studies, economics, finance, education, psychology, sociology, history, and economic geography.

Research in entrepreneurship focuses not only on the emergence and development of new (commercial, social and/or sustainable) business ventures, but also the people behind these ventures, people acting entrepreneurially within existing (private or public) organizations, and the interaction between entrepreneurship, society, and the natural environment. These features make entrepreneurship a particularly fascinating and challenging field of scholarly enquiry, which is open to different theoretical and methodological approaches.

In addition to the doctoral thesis, the doctoral studies in Entrepreneurship include coursework amounting to 60 ECTS. This is divided into two categories: 1) the general research studies provide a foundation for conducting research within the field of business, and 2) the research field studies in management and entrepreneurship provide you with the theoretical, methodological, and practical skills required of a professional entrepreneurship scholar.

4.1.1. General research studies, 18-24 ECTS

Code	Course name	ECTS	Period/year
Compulsory courses, 8 ECTS			
LC-L1000	Research Ethics for Doctoral students D	2	II or IV
MNGT-L2200	Philosophy of Social Science	6	IV
Choose at least one of the following courses You can also include a quantitative or qualitative methods course of similar scope from KATAJA or EIASM instead of the below listed options. More information: https://www.kataja.eu and https://www.eiasm.net . Instructions for credit transfer (aalto.fi)			
MNGT4-L7000	Qualitative Research in Management Studies	6	III, no teaching in 2024-2025
TU-L0022	Statistical Research Methods D	5-8	III-IV
Elective courses (To be agreed with the supervising professor)			
LC-1333	Navigate your doctoral studies while learning about equity, diversity, and inclusion D	3	IV
LCB-1350	Writing Doctoral Research for Business & Management (w)	3	IV

LC-1335	Preparing for the Doctoral Defense (o)	1	III
LC-1336	Popularize your Research (o,w)	1-3	II
LC-1330	Presenting Doctoral Research (o)	3	IV or V
LCB-1350	Writing Doctoral Research for Business & Management (w)	3	IV
21L53609	Paper Development Workshop: Qualitative Research	6	III
MNGT-L1000	Reading Circle in Organizational Studies I	3	I
MNGT-L1001	Reading Circle in Organizational Studies II	6	I
MNGT1-L2000	Sustainability, Organizations and Society	6	III-V

4.1.2. Research field studies, 36-42 ECTS

Code	Course name	ECTS	Period/year
Compulsory courses, 30 ECTS			
MNGT-L2001	Foundations of Doctoral Research in Management Studies D	3	I-II/1 st year
21L11109	Perspectives on Organization D	6	I-II/1 st year
MNGT-L2002	Crafting Research Plans and Funding Proposals in Management Studies D	3	III-IV/1 st year
MNGT-L2003	Advanced Research Design and Data Collection in Management Studies D	3	I-II/2 nd year
MNGT-L2004	Mastering Paper Writing and Theorizing in Management Studies D	3	III-IV/2 nd year
MNGT3-L0003	Entrepreneurship Perspectives D	6	III-IV/1 st -2 nd year
MNGT3-L1001	Research Progress Seminar in Entrepreneurship Studies I D	1	Year 1
MNGT3-L1002	Research Progress Seminar in Entrepreneurship Studies II D	1	Year 2
MNGT3-L1003	Research Progress Seminar in Entrepreneurship Studies III D	2	Year 3
MNGT3-L1004	Research Progress Seminar in Entrepreneurship Studies IV D	2	Year 4

Elective courses (To be agreed with the supervising professor)

It is recommended that you include at least one advanced entrepreneurship research course as an elective, following the mandatory course 'Entrepreneurship Perspectives'. You can select these courses from various options, such as those offered by Aalto University School of Business, other units at Aalto University, or partner universities and networks. If applicable, you can also choose elective courses listed under the General Studies. Your selection should always be made in consultation with your supervising professor.

For example:

NORSI courses, more information: [NORSI - Nordic Research School in Innovation and Entrepreneurship](#)

KATAJA courses, more information: <https://www.kataja.eu/>

GRAMO Doctoral tutorial, more information: <http://www.kataja.eu/courses/tutorials>
[Instructions for credit transfer \(aalto.fi\)](#)

IEASM/EDEN courses, more information: <https://www.eiasm.net>

Contact

The major is offered by the Department of Management Studies. Head of doctoral studies in Entrepreneurship: Professor Ewald Kibler (ewald.kibler@aalto.fi)

4.1. International business

4.1.1. General research studies, 18-24 ECTS

Code	Course name	ECTS	Period/year
Compulsory courses, 8 ECTS			
LC-L1000	Research Ethics for Doctoral students D	2	II or IV
MNGT-L2200	Philosophy of Social Science	6	IV
Choose at least one of the following courses You can also include a qualitative or quantitative methods course from KATAJA instead of the below listed options. More information: https://www.kataja.eu/ . Instructions for credit transfer (aalto.fi)			
MNGT4-L7000	Qualitative Research in Management Studies	6	III, no teaching in 2024-2025
TU-L0022	Statistical Research Methods D	5-8	III-IV
Elective courses (To be agreed with the supervising professor) You can include e.g. courses from the Aalto University School of Business, other units at Aalto University or from partner universities and networks in your elective studies as agreed with your supervising professor. For example: KATAJA courses, more information: https://www.kataja.eu/ Instructions for credit transfer (aalto.fi)			
LCB-1350	Writing Doctoral Research for Business & Management (w)	3	IV

4.1.2. Research field studies, 36-42 ECTS

Code	Course name	ECTS	Period/year
Compulsory courses, 38 ECTS Compulsory courses include 23-24 ECTS of courses offered at Aalto University and 15 ECTS of courses offered through the Nordic Research School of International Business, NORD-IB. More information: https://www.nord-ib.fek.uu.se . Instructions for credit transfer (aalto.fi)			
MNGT-L2001	Foundations of Doctoral Research in Management Studies D	3	I-II/1 st year
MNGT-L2002	Crafting Research Plans and Funding Proposals in Management Studies D	3	III-IV/1 st year
MNGT-L2003	Advanced Research Design and Data Collection in Management Studies D	3	I-II/2 nd year
MNGT-L2004	Mastering Paper Writing and Theorizing in Management Studies D	3	III-IV/2 nd year
MNGT2-L1001	Research Progress Seminar in International Business I D	2	Years 1
MNGT2-L1003	Research Progress Seminar in International Business II D	2	Years 2
MNGT2-L1003	Research Progress Seminar in International Business III D	1	Year 3

MNGT2-L1004	Research Progress Seminar in International Business IV D	1	Year 4
	Nord-IB	15	1 st - 3 rd year
	Course offered by another Aalto School or another Department at Aalto BIZ.	5-6	
<p>Elective courses (To be agreed with the supervising professor)</p> <p>You can include e.g. courses from the Aalto University School of Business, other units at Aalto University or from partner universities and networks in your elective studies as agreed with your supervising professor.</p> <p>For example: KATAJA courses, more information: https://www.kataja.eu/</p> <p>GRAMO Doctoral tutorial, more information: http://www.kataja.eu/courses/tutorials Instructions for credit transfer (aalto.fi)</p> <p>IEASM/EDEN courses, more information: https://www.eiasm.net Instructions for credit transfer (aalto.fi)</p> <p>Also other paper development workshops or doctoral workshops can be included.</p>			
21L53609	Paper Development Workshop: Qualitative Research	6	III
26L30511	Learning to See: A Course in Ethnography and Discourse Analysis	6	V
21L11109	Perspectives on Organization D	6	I-II/1st year
MNGT3-L0003	Entrepreneurship Perspectives D	6	III-IV/1st-2nd year
MNGT1-L2000	Sustainability, Organizations and Society	6	III-V
MNGT-L1000	Reading Circle in Organizational Studies I	3	I-V

Contact

The major is offered by the Department of Management Studies. Head of doctoral studies in International Business: Assistant Professor Iiris Saittakari (iiris.saittakari@aalto.fi)

4.1. Organisational communication

The Organizational Communication unit offers comprehensive research training in organizational communication as one of the twelve majors of the Aalto Doctoral Program in Business, Economics and Finance. The multidisciplinary research profile of the unit gives doctoral researchers the academic freedom to pursue interesting projects that defy disciplinary boundaries within the broad field of organizational communication and management studies. The studies equip doctoral researchers with the necessary skills, knowledge, and resources to conduct impactful research and succeed in the world of academia. The program is specifically designed for dedicated full-time students.

4.1.1. General research studies, 18-24 ECTS

Code	Course name	ECTS	Period/year
Compulsory courses, 8 ECTS			
LC-L1000	Research Ethics for Doctoral students D	2	II or IV
MNGT-L2200	Philosophy of Social Science	6	IV
Choose at least one of the following courses You can also include a quantitative or qualitative methods course of similar scope from KATAJA or EIASM instead of the below listed options. More information: https://www.kataja.eu and https://www.eiasm.net Instructions for credit transfer (aalto.fi)			
MNGT4-L7000	Qualitative Research in Management Studies	6	III, no teaching in 2024-2025
TU-L0022	Statistical Research Methods D	5-8	III-IV
Elective courses (To be agreed with the supervising professor) You can include e.g. courses from the Aalto University School of Business, other units at Aalto University or from partner universities and networks in your elective studies as agreed with your supervising professor. For example: KATAJA courses, more information: https://www.kataja.eu/ Instructions for credit transfer (aalto.fi) Also other paper development workshops or doctoral workshops can be included.			
21L53609	Paper Development Workshop: Qualitative Research	6	III-V
LCB-1350	Writing Doctoral Research for Business & Management (w)	3	IV
PED-9011	A! Peda Intro	5	I-II and III-V

4.1.2. Research field studies, 36-42 ECTS

Code	Course name	ECTS	Period/year
Compulsory courses, 24 ECTS			
MNGT-L2001	Foundations of Doctoral Research in Management Studies D	3	I-II/1 st year
21L11109	Perspectives on Organization D	6	I-II/1 st year
MNGT-L2002	Crafting Research Plans and Funding Proposals in Management Studies D	3	III-IV/1 st year
MNGT-L2003	Advanced Research Design and Data Collection in Management Studies D	3	I-II/2 nd year
MNGT-L2004	Mastering Paper Writing and Theorizing in Management Studies D	3	III-IV/2 nd year
MNGT4-L1001	Research Progress Seminar in Organizational Communication I D	2	year 1-2
MNGT4-L1002	Research Progress Seminar in Organizational Communication II D	2	Year 2-3
MNGT4-L1003	Research Progress Seminar in Organizational Communication III D	2	Year 4
Elective courses (To be agreed with the supervising professor)			
75L20012	Paper Development Project*	6	any
75L20013	Research traditions in organizational communication*	6	any
75L20014	Methodological approaches to corporate and organizational communication*	6	any
75L20015	International Doctoral Colloquium*	6	any
26L30511	Learning to See: A Course in Ethnography and Discourse Analysis	6	V
MNGT1-L2000	Sustainability, Organizations and Society	6	III-V

* These are independent studies, to be agreed with the teacher of the course and completed in the agreed timeframe.

Contact

The major is offered by the Department of Management Studies. Head of doctoral studies in Organizational Communication: Assistant Professor Paula Koskinen Sandberg (firstname.lastname@aalto.fi)

4.1. Organisation and management

The doctoral studies in organization and management equips students with an understanding of the key management theories and in-depth knowledge in their own area of expertise, excellent research skills, and a supportive, collegial research environment. Our professors, among the leading experts in their fields, guide the academic development.

The program welcomes postgraduate students with curious minds, who are enthusiastic about research and open to new ideas and research methods. The program offers opportunities to engage with a wide variety of topics. Among others, our students tackle wicked problems and grand challenges, explore the emergence and development of technologies and industries, and address the novel challenges for leadership, strategy, and work.

While the focus of the program is to prepare the graduates for a career in academia, the studies also support research and development careers in industry, the public sector, and NGOs.

We advise potential applicants to discuss their research plans with the professors of the research field before completing the application.

4.1.1. General research studies, 18-24 ECTS

Code	Course name	ECTS	Period/year
Compulsory courses, 8 ECTS			
LC-L1000	Research Ethics for Doctoral students D	2	II or IV
MNGT-L2200	Philosophy of Social Science	6	IV
Choose at least one of the following courses			
You can also include a qualitative or quantitative methods courses from KATAJA instead of the below listed options. More information: https://www.kataja.eu/ . Instructions for credit transfer (aalto.fi)			
MNGT4-L7000	Qualitative Research in Management Studies	6	III, no teaching in 2024-2025
TU-L0022	Statistical Research Methods D	5-8	III-IV
Elective courses (To be agreed with the supervising professor)			
<i>Responsible conduct of research</i>			
LC-1333	Navigate your doctoral studies while learning about equity, diversity, and inclusion D	3	IV
<i>Science communication and presenting doctoral research</i>			
LCB-1350	Writing Doctoral Research for Business & Management (w)	3	IV
LC-1335	Preparing for the Doctoral Defense (o)	1	III
LC-1336	Popularize your Research (o,w)	1-3	II

LC-1330	Presenting Doctoral Research (o)	3	IV or V
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4.1.2. Research field studies, 36-42 ECTS

Code	Course name	ECTS	Period/year
Compulsory courses, 24 ECTS			
MNGT-L2001	Foundations of Doctoral Research in Management Studies D	3	I-II/1 st year
21L11109	Perspectives on Organization D	6	I-II/1 st year
MNGT-L2002	Crafting Research Plans and Funding Proposals in Management Studies D	3	III-IV/1 st year
MNGT-L2003	Advanced Research Design and Data Collection in Management Studies D	3	I-II/2 nd year
MNGT-L2004	Mastering Paper Writing and Theorizing in Management Studies D	3	III-IV/2 nd year
MNGT1-L1001	Research Progress Seminar in Organization and Management I D	1cr	year1
MNGT1-L1002	Research Progress Seminar in Organization and Management II D	2	year2
MNGT1-L1003	Research Progress Seminar in Organization and Management III D	2	year3
MNGT1-L1004	Research Progress Seminar in Organization and Management IV D	2	year4
Elective courses (To be agreed with the supervising professor)			
21L53609	Paper Development Workshop: Qualitative Research	6	III-IV
MNGT1-L2000	Sustainability, Organizations and Society	6	III-V
MNGT-L1000	Reading Circle in Organizational Studies I	3	On demand
MNGT-L1001	Reading Circle in Organizational Studies II	6	On demand
<p>You can also include e.g. courses from the Aalto University School of Business, other units at Aalto University or from partner universities and networks in your elective studies as agreed with your supervising professor.</p> <p>For example: KATAJA courses, more information: https://www.kataja.eu/ GRAMO Doctoral tutorial, more information: http://www.kataja.eu/courses/tutorials Instructions for credit transfer (aalto.fi) IEASM/EDEN courses, more information: https://www.eiasm.net</p> <p>Also other paper development workshops or doctoral workshops can be included.</p>			

Contact

The major is offered by the Department of Management Studies. Head of doctoral studies in Organization and Management: Assistant Professor Samuli Patala (samuli.patala@aalto.fi)

4.1. Accounting

Doctoral studies in Accounting at Aalto University School of Business offers interdisciplinary training that develops the student’s skills in conducting both financial accounting and management accounting research. As an academic field, accounting is a multidisciplinary subject that focuses on understanding and studying the role of accounting information in the economy and society. Accounting draws from many fields and disciplines: Financial accounting is aligned with economics and finance more closely than ever before while organizational and sociological theories contribute to management accounting.

Doctoral studies in Accounting provides students with in-depth knowledge of current accounting research and research methodology with the aim of enabling the students to contribute to scientific knowledge in their field of study from an international perspective. In practice this goal translates into students’ ability to publish their research in high-quality academic accounting journals. To help achieve this goal, students work closely with accounting faculty.

Faculty research at Aalto BIZ represents a broad spectrum of interests and research methods in the areas of financial and management accounting. The emphasis of research in financial accounting is on financial reporting and analysis, broadly defined. Recent research addresses various topics in international accounting (IFRS), auditing, and corporate governance. Research in the field of management accounting focuses on cost management, management control systems, performance measurement, and capital investment decision making. Recent research topics include, for example, the use and role of management accounting information in the Finnish healthcare sector.

4.1.1. General research studies, 18-24 ECTS

Code	Course name	ECTS	Period/year
Compulsory course, 2 ECTS			
LC-L1000	Research Ethics for Doctoral students D	2	II or IV
Choose at least one of the following courses			
You can also include quantitative or qualitative methods courses from e.g. KATAJA or EDEN/EIASM networks instead of the below listed options. More information: https://www.kataja.eu/ and https://www.eiasm.net/eden/introduction . Instructions for credit transfer (aalto.fi)			
MNGT4-L7000	Qualitative Research in Management Studies	6	III, no teaching in 2024-2025
TU-L0022	Statistical Research Methods D	5-8	III-IV
Elective courses (To be agreed with the supervising professor)			
<i>Responsible conduct of research</i>			
MNGT-L2200	Philosophy of Social Science	6	IV
LC-1333	Navigate your doctoral studies while learning about equity, diversity, and inclusion D	3	IV
LC-L1011	Open Science for Doctoral Students D*	1	any
LC-L1020	Theory of Science D*	1	any
<i>Science communication and presenting doctoral research</i>			
LCB-1350	Writing Doctoral Research for Business & Management (w)	3	IV
LC-1335	Preparing for the Doctoral Defense (o)	1	III
LC-1336	Popularize your Research (o,w)	1-3	II

LC-1330	Presenting Doctoral Research (o)	3	IV or V
LC-7110	Tieteellinen kirjoittaminen tohtoriopiskelijoille V D	3	IV-V
LC-L1017	Asiantuntijaesittämisen valmennus tohtoriopiskelijoille D	3	I
LC-L1018	Tutkimusraportoinnin tekstireitit tohtoriopiskelijoille D	3	I
LC-L1019	Tutkimustiedon yleistajuistaminen D	5	V
BIZ-L2010	Presenting research at a conference I D**	1-3	any
BIZ-L2011	Presenting research at a conference II D**	1-3	any
<i>Scientific community and working life skills</i>			
LC-L1012	Business Skills for Doctoral Students D*	1	any
LC-L1013	Career Course for Doctoral Students D*	1	any
LC-L1014	Interactive Leadership Skills for Doctoral Students D*	1	any
LC-L1015	Project Management for Doctoral Students D*	1	any
LC-L1016	Writing Research Grant Applications for Doctoral Students D*	1	any
PED-9011	A! Peda Intro	5	I-II and III-V
BIZ-L2040	University practices I D**	1-3	any
BIZ-L2041	University practices II D**	1-3	any
BIZ-L2020	Academic advising I D**	1-3	any
BIZ-L2021	Academic advising II D**	1-3	any
BIZ-L2030	Teaching at higher education D**	1-3	any
BIZ-L2050	Reviewing a scientific manuscript D**	1-3	any

* These are independent online courses, to be completed at findocnet.fi. Registration by email to udes@aalto.fi. [More information at aalto.fi](#).

** These are independent studies, to be agreed with the supervising professor and completed in the agreed timeframe.

4.1.2. Research field studies, 36-42 ECTS

Code	Course name	ECTS	Period/year
Compulsory courses (6 ECTS)			
ABL-L1001	Research seminar in Accounting I D	3	I-V/1 st year
Elective courses			
To be agreed with the supervising professor, a selection of relevant courses taken from e.g. KATAJA or EDEN/EIASM networks. See more: https://www.kataja.eu/ and https://www.eiasm.net/eden/introduction . The KATAJA course Research Traditions in Accounting, 6 ECTS, organised every other year, is especially recommended. Instructions for credit transfer (aalto.fi)			
ABL-L1002	Research seminar in Accounting II D	3	I-V/2 nd year
BIZ-L2060	Literature I D*	1-6	any
BIZ-L2061	Literature II D*	1-6	any
ABL-L1101	Working paper D I*	1-6	any
ABL-L1102	Working paper D II*	1-6	any

* These are independent studies, to be agreed with the supervising professor and completed in the agreed timeframe.

Contact

The major is offered by the Department of Accounting. Head of doctoral studies in Accounting: Professor Lasse Niemi (firstname.lastname@aalto.fi).

4.1. Business law

The main goal of postgraduate studies in Business Law at Aalto University School of Business is to provide students with in-depth knowledge of current Business Law research and research methodology with the aim of enabling the students to contribute scientific values to their field of study from both domestic and international perspective.

Research activity in Business Law at Aalto University School of Business covers a wide range of topics in the areas of general jurisprudence and comparative law, methodology of legal research and its links to Business Economics and Social Sciences, Contract Law, EU Law, International Trade Law, Company Law, Market and Competition Law, IPR, E-Commerce Law, Financial Markets Law, Labour Law, and Tax Law. In addition, the scholars at the Business Law Unit conduct socio-legal research, are involved in various multidisciplinary projects, as well as in pro-active approaches to law and conflict management .

The main criteria for admission to the major in Business Law are based on applicants' intended research topic areas and preliminary research plans. For further details, please see the admissions guide.

4.1.1. General research studies, 18-24 ECTS

Code	Course name	ECTS	Period/year
Compulsory courses, 8 ECTS			
LC-L1000	Research Ethics for Doctoral students D	2	II or IV
ABL-L2000	Principles of Legal research for Doctoral Students D	6	III
Choose one of the following courses (3 ECTS)			
LC-L1017	Asiantuntijaesittämisen valmennus tohtoriopiskelijoille D	3	I
LC-1330	Presenting Doctoral Research (o)	3	IV or V
Choose one of the following courses (3 ECTS)			
LCB-1350	Writing Doctoral Research for Business & Management (w)	3	IV
LC-7110	Tieteellinen kirjoittaminen tohtoriopiskelijoille V D	3	IV-V
LC-L1018	Tutkimusraportoinnin tekstireitit tohtoriopiskelijoille D	3	I
Elective courses (To be agreed with the supervising professor)			
<i>Examples of recommended courses</i>			
<i>Responsible conduct of research</i>			
MNGT-L2200	Philosophy of Social Science	6	IV
MNGT4-L7000	Qualitative Research in Management Studies	6	III, no teaching in 2024-2025
TU-L0022	Statistical Research Methods D	5-8	III-IV
LC-1333	Navigate your doctoral studies while learning about equity, diversity, and inclusion D	3	IV

LC-L1011	Open Science for Doctoral Students D*	1	any
LC-L1020	Theory of Science D*	1	any
<i>Scientific community and working life skills</i>			
LC-L1012	Business Skills for Doctoral Students D*	1	any
LC-L1013	Career Course for Doctoral Students D*	1	any
LC-L1014	Interactive Leadership Skills for Doctoral Students D*	1	any
LC-L1015	Project Management for Doctoral Students D*	1	any
LC-L1016	Writing Research Grant Applications for Doctoral Students D*	1	any
PED-9011	A! Peda Intro	5	I-II and III-V
BIZ-L2040	University practices I D**	1-3	any
BIZ-L2041	University practices II D**	1-3	any
BIZ-L2020	Academic advising I D**	1-3	any
BIZ-L2021	Academic advising II D**	1-3	any
BIZ-L2030	Teaching at higher education D**	1-3	any
BIZ-L2050	Reviewing a scientific manuscript D**	1-3	any

* These are independent online courses, to be completed at findocnet.fi. Registration by email to udes@aalto.fi. [More information at aalto.fi](#).

** These are independent studies, to be agreed with the supervising professor and completed in the agreed timeframe.

4.1.2. Research field studies, 36-42 ECTS

Code	Course name	ECTS	Period/year
Compulsory course, 3 ECTS			
ABL-L2001	Yritysjuridiikan tohtoriseminaari D	3	I-V
Elective courses (To be agreed with the Head of doctoral studies) <i>You can also include international courses that would benefit your studies. Suitability and credits to be discussed.</i> Instructions for credit transfer (aalto.fi)			
Field specific studies			
ABL-L2100	Vero-oikeuden lukupiiri D	6	any
ABL-L2101	Kilpailuoikeuden lukupiiri D	6	any
ABL-L2102	Yksityisoikeuden lukupiiri D	6	any
ABL-L2103	Yritysjuridiikan työpäpöri I D	6	any
ABL-L2104	Yritysjuridiikan työpäpöri II D	6	any
Disseminating research results			
LC-1335	Preparing for the Doctoral Defense (o)	1	III
LC-1336	Popularize your Research (o,w)	1-3	II
LC-L1019	Tutkimustiedon yleistajuistaminen D	5	V
BIZ-L2010	Presenting research at a conference I D**	1-3	any
BIZ-L2011	Presenting research at a conference II D**	1-3	any

** These are independent studies, to be agreed with the Head of doctoral studies and completed in the agreed timeframe.

Contact

The major is offered by the Department of Accounting. Head of doctoral studies in Business Law: Assistant Professor Moritz Scherleitner (firstname.lastname@aalto.fi).

4.1. Information Systems Science

Research of the ISS group deals with adoption, use and impacts of ICT on consumers, organizations, and society at large. We use multi-disciplinary approaches and apply theories from a number of reference disciplines, including management, organization sciences, marketing, and economics. Wide range of both qualitative and quantitative methods are used and often triangulated. Our research has a strong focus on empirical studies and active cooperation with companies and other organizations. Our faculty has an extensive network of international research contacts, offering the possibility to participate in larger research projects and visit an affiliate university.

4.1.1. General research studies, 18-24 ECTS

Code	Course name	ECTS	Period/year
Compulsory courses (8 ECTS)			
LC-L1000	Research Ethics for Doctoral students D	2	II or IV
MNGT-L2200	Philosophy of Social Science	6	IV
Choose at least one of the following courses You can also include equivalent course(s) offered by other universities, or by graduate schools (e.g. KATAJA) and networks in Finland and abroad. Instructions for credit transfer (aalto.fi)			
MNGT4-L7000	Qualitative Research in Management Studies	6	III, no teaching in 2024-2025
TU-L0022	Statistical Research Methods D	5-8	III-IV
Choose at least one of the following courses (6 ECTS) You can also include equivalent course(s) offered by other universities, or by graduate schools (e.g. KATAJA) and networks in Finland and abroad. Instructions for credit transfer (aalto.fi)			
21L53609	Paper Development Workshop: Qualitative research	6	III-V
Elective courses (To be agreed with the supervising professor)			
<i>Responsible conduct of research</i>			
LC-1333	Navigate your doctoral studies while learning about equity, diversity, and inclusion D	3	IV
LC-L1011	Open Science for Doctoral Students D*	1	any
LC-L1020	Theory of Science D*	1	any
<i>Science communication and presenting doctoral research</i>			
LCB-1350	Writing Doctoral Research for Business & Management (w)	3	IV
LC-1335	Preparing for the Doctoral Defense (o)	1	III
LC-1336	Popularize your Research (o,w)	1-3	II
LC-1330	Presenting Doctoral Research (o)	3	IV or V
LC-7110	Tieteellinen kirjoittaminen tohtoriopiskelijoille V D	3	IV-V
LC-L1017	Asiantuntijaesittämisen valmennus tohtoriopiskelijoille D	3	I
LC-L1018	Tutkimusraportoinnin tekstireitit tohtoriopiskelijoille D	3	I
LC-L1019	Tutkimustiedon yleistajuistaminen D	5	V

BIZ-L2010	Presenting research at a conference I D**	1-3	any
BIZ-L2011	Presenting research at a conference II D**	1-3	any
<i>Scientific community and working life skills</i>			
LC-L1012	Business Skills for Doctoral Students D*	1	any
LC-L1013	Career Course for Doctoral Students D*	1	any
LC-L1014	Interactive Leadership Skills for Doctoral Students D*	1	any
LC-L1015	Project Management for Doctoral Students D*	1	any
LC-L1016	Writing Research Grant Applications for Doctoral Students D*	1	any
PED-9011	A! Peda Intro	5	I-II and III-V
BIZ-L2040	University practices I D**	1-3	any
BIZ-L2041	University practices II D**	1-3	any
BIZ-L2020	Academic advising I D**	1-3	any
BIZ-L2021	Academic advising II D**	1-3	any
BIZ-L2030	Teaching at higher education D**	1-3	any
BIZ-L2050	Reviewing a scientific manuscript D**	1-3	any

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** These are independent studies, to be agreed with the supervising professor and completed in the agreed timeframe.

4.1.2. Research field studies, 36-42 ECTS

Code	Course name	ECTS	Period/year
Compulsory courses (22 ECTS)			
ISM2-L1001	Research Seminar in Information Systems Science I D	2	1/2
ISM2-L1002	Research Seminar in Information Systems Science II D	2	2/3
ISM2-L1003	Research Seminar in Information Systems Science III D	2	4
ISM2-L2001	Scientific reading and writing in ISS	6	Year 1 period:I-IV
ISM2-L2000	Research Methods in ISS	10	
Choose at least one of the following courses (6 ECTS)			
37E44000	Critical Issues in Information Systems Research	6	V
ISM-E2222	Current Topics in Digital Business	6	V
Elective courses			
Elective courses can consist of any advanced ISS courses, national or international ISS seminars, book exams, working papers and other publications. Students require confirmation on the study content from their supervising professor. See more details from MyCourses at https://mycourses.aalto.fi/course/view.php?id=3795			

Contact

The major is offered by the Department of Information and Service Managements. Head of doctoral studies in Information Systems Science: Professor Virpi Kristiina Tuunainen (virpi.tuunainen@aalto.fi).

4.1. Logistics

In the logistics specialization area, the goal is to specialize in supply chain management and conduct innovative research that increases the academic and practical understanding of logistics.

The goal of the research is to seek solutions to problems that are important for companies and society, related to the management of supply chains. Such problems can be related to climate change, population aging, digitalization, and various supply chain risks or uncertainties. The research utilizes both qualitative and quantitative research methods. Research is typically carried out in cooperation with international networks.

The coordination of the goals of doctoral studies in logistics with the mission and values of Aalto University has been strongly emphasized and this aims to strengthen the School of Economics' position as a pioneer in logistics education and research.

4.1.1. General research studies, 18-24 ECTS

Code	Course name	ECTS	Period/year
Compulsory course, 2 ECTS			
LC-L1000	Research Ethics for Doctoral students D	2	II or IV
Elective courses (To be agreed with the supervising professor)			
ISM3-L2000	Logistics' Reading Seminar D	6	I-V
Responsible conduct of research			
MNGT-L2200	Philosophy of Social Science	6	IV
MNGT4-L7000	Qualitative Research in Management Studies	6	III, no teaching in 2024-2025
TU-L0022	Statistical Research Methods D	5-8	III-IV
LC-1333	Navigate your doctoral studies while learning about equity, diversity, and inclusion D	3	IV
LC-L1011	Open Science for Doctoral Students D*	1	any
LC-L1020	Theory of Science D*	1	any
Science communication and presenting doctoral research			
LCB-1350	Writing Doctoral Research for Business & Management (w)	3	IV
LC-1335	Preparing for the Doctoral Defense (o)	1	III
LC-1336	Popularize your Research (o,w)	1-3	II
LC-1330	Presenting Doctoral Research (o)	3	IV or V
LC-7110	Tieteellinen kirjoittaminen tohtoriopiskelijoille V D	3	IV-V
LC-L1017	Asiantuntijaesittämisen valmennus tohtoriopiskelijoille D	3	I
LC-L1018	Tutkimusraportoinnin tekstireitit tohtoriopiskelijoille D	3	I
LC-L1019	Tutkimustiedon yleistajuistaminen D	5	V
BIZ-L2010	Presenting research at a conference I D**	1-3	any
BIZ-L2011	Presenting research at a conference II D**	1-3	any
Scientific community and working life skills			
LC-L1012	Business Skills for Doctoral Students D*	1	any

LC-L1013	Career Course for Doctoral Students D*	1	any
LC-L1014	Interactive Leadership Skills for Doctoral Students D*	1	any
LC-L1015	Project Management for Doctoral Students D*	1	any
LC-L1016	Writing Research Grant Applications for Doctoral Students D*	1	any
PED-9011	A! Peda Intro	5	I-II and III-V
BIZ-L2040	University practices I D**	1-3	any
BIZ-L2041	University practices II D**	1-3	any
BIZ-L2020	Academic advising I D**	1-3	any
BIZ-L2021	Academic advising II D**	1-3	any
BIZ-L2030	Teaching at higher education D**	1-3	any
BIZ-L2050	Reviewing a scientific manuscript D**	1-3	any

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** These are independent studies, to be agreed with the supervising professor and completed in the agreed timeframe.

4.1.2. Research field studies, 36-42 ECTS

Code	Course name	ECTS	Period/year
Compulsory course, 1 ECTS			
ISM3-L1001	Research Seminar in Logistics D	1	I-V
Choose at least two of the following graduate-level courses in logistics, min. 12 ECTS			
35E03000	Sustainable Supply Chains	6	I
35E02000	Procurement and Strategic Sourcing	6	I
ISM-E3003	Operations and Supply Chain Analytics	6	II
ISM-E3004	Revenue Management and Demand Analytics	6	IV
35E00400	Coordination of Supply Chains	6	V
35E00550	Quality and Performance Management	6	III
Elective courses (To be agreed with the supervising professor)			
<i>KATAJA's Graduate School of Logistics and Supply Chain Management (L&SCM)</i>			
Doctoral students can take KATAJA courses as agreed with the Head of doctoral studies. More information: https://www.kataja.eu/			
<i>IEASM/EDEN courses</i>			
Doctoral students can take IEASM/EDEN courses as agreed with the Head of doctoral studies. More information: https://www.eiasm.net			
Instructions for credit transfer (aalto.fi)			
Independent studies, choose max. 2			
BIZ-L2060	Literature I D*	1-6	any
BIZ-L2061	Literature II D*	1-6	any
ISM3-L2001	Working paper in Logistics D*	1-6	any

** These are independent studies, to be agreed with the Head of doctoral studies and completed in the agreed timeframe.

Contact

The major is offered by the Department of Information and Service Management. Head of doctoral studies in Logistics: Professor Markku Kuula (markku.kuula@aalto.fi)

4.1. Management Science

Management Science (often referred to as Business Analytics) applies mathematical models, statistical techniques, and computing technology, together with observational, experimental or simulated data, to help businesses and other organizations make decisions in complex real-world settings. Methods typically applied in Management Science include mathematical optimization, statistics and stochastics, decision theory and analysis, and machine learning. These methods can be data-driven or based on human involvement and expert judgment. Management Science research covers a wide range of topics from theoretical method development to applications in real-world problem settings.

4.1.1. General research studies, 18-24 ECTS

Code	Course name	ECTS	Period/year
Compulsory courses, 4 ECTS			
LC-L1000	Research Ethics for Doctoral students D	2	II or IV
ISM1-L1001	Management Science Brown Bag Seminar D	1	I-V
LC-L1016	Writing Research Grant Applications for Doctoral Students	1	any
Choose one of the following courses (3 ECTS)			
LCB-1350	Writing Doctoral Research for Business & Management (w)	3	IV
LC-7110	Tieteellinen kirjoittaminen tohtoriopiskelijoille V D	3	IV-V
LC-L1018	Tutkimusraportoinnin tekstireitit tohtoriopiskelijoille D	3	I
Elective courses (To be agreed with the supervising professor)			
<i>Responsible conduct of research</i>			
MNGT-L2200	Philosophy of Social Science	6	IV
MNGT4-L7000	Qualitative Research in Management Studies	6	III, no teaching in 2024-2025
TU-L0022	Statistical Research Methods D	5-8	III-IV
LC-1333	Navigate your doctoral studies while learning about equity, diversity, and inclusion D	3	IV
LC-L1011	Open Science for Doctoral Students D*	1	any
LC-L1020	Theory of Science D*	1	any
<i>Science communication and presenting doctoral research</i>			
LC-1335	Preparing for the Doctoral Defense (o)	1	III
LC-1336	Popularize your Research (o,w)	1-3	II
LC-1330	Presenting Doctoral Research (o)	3	IV or V
LC-L1017	Asiantuntijaesittämisen valmennus tohtoriopiskelijoille D	3	I
LC-L1019	Tutkimustiedon yleistajuistaminen D	5	V
BIZ-L2010	Presenting research at a conference I D**	1-3	any
BIZ-L2011	Presenting research at a conference II D**	1-3	any
<i>Scientific community and working life skills</i>			
LC-L1012	Business Skills for Doctoral Students D*	1	any
LC-L1013	Career Course for Doctoral Students D*	1	any

LC-L1014	Interactive Leadership Skills for Doctoral Students D*	1	any
LC-L1015	Project Management for Doctoral Students D*	1	any
PED-9011	A! Peda Intro	5	
BIZ-L2040	University practices I D**	1-3	any
BIZ-L2041	University practices II D**	1-3	any
BIZ-L2020	Academic advising I D**	1-3	any
BIZ-L2021	Academic advising II D**	1-3	any
BIZ-L2030	Teaching at higher education D**	1-3	any
BIZ-L2050	Reviewing a scientific manuscript D**	1-3	any

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** These are independent studies, to be agreed with the supervising professor and completed in the agreed timeframe.

4.1.2. Research field studies, 36-42 ECTS

Code	Course name	ECTS	Period/year
Mathematical optimization – Choose at least one of the following courses (5 ECTS)			
Other relevant courses in mathematical optimization can also be included here instead, as agreed with the Head of doctoral studies.			
MS-E2121	Linear Optimization	5	III-IV
MS-E2145	Combinatorial Optimization	5	
MS-E2148	Dynamic Optimization	5	III
Statistics and stochastics – Choose at least one of the following courses (5 ECTS)			
Other relevant courses in statistics and stochastics can also be included here instead, as agreed with the Head of doctoral studies.			
30E00400	Simulation D	6	I
MS-E2112	Multivariate Statistical Analysis	5	III-IV
CS-E5710	Bayesian Data Analysis	5	I-II
MS-E1600	Probability Theory	5	I
MS-E1604	Brownian Motion and Stochastic Analysis	5	IV
MS-E2150	Discrete event simulation D	5	
MS-E2155	System dynamics simulation D	5	
Decision Theory and Analysis – Choose at least one of the following courses (5 ECTS)			
Other relevant courses in decision theory and analysis can also be included here instead, as agreed with the Head of doctoral studies.			
ISM-E1004	Business Analytics 2,	6	III
ISM-E1006	Decision Analytics for Consulting	6	IV
MS-E2135	Decision Analysis	5	I-II
MS-E2117	Riskianlyysi	5	III-IV
ECON-L5000	Topics In Game Theory D	5	
Machine learning – Choose at least one of the following courses (5 ECTS)			
Other relevant courses in machine learning can also be included here instead, as agreed with the Head of doctoral studies.			
30E03500	Capstone: Data Science for Business II D	6	II
CS-E4075	Special Course in Machine Learning, Data Science and Artificial Intelligence D	5	

CS-E4715	Supervised Machine Learning D	5	
<i>Elective courses</i> You can choose more courses from the above categories. Also other courses from other universities / other schools at Aalto can be included, as agreed with the Head of doctoral studies.			

Contact

The major is offered by the Department of Information and Service Management. Head of doctoral studies in Management Science: Professor Pekka Malo (firstname.lastname@aalto.fi).

4.1. Marketing

The Department of Marketing is comprised of a thriving and dynamic community of international scholars offering doctoral training in five primary research domains: Consumer Behavior, Strategic Marketing, Services Marketing, and Sales, Retail and Sales, and Business Marketing. One of the central goals of our research community is to provide the latest tools, techniques and leading-edge thinking for researching this continuously changing landscape. The other central goal of the department is to develop and extend foundational theory in the increasingly complex intersections of consumption, community and culture to help doctoral students to link with the global research community of their particular fields, relevant funding partners, business collaborations and media.

4.1.1. General research studies, 18-24 ECTS

Code	Course name	ECTS	Period/year
Compulsory course, 2 ECTS			
LC-L1000	Research Ethics for Doctoral students D	2	II or IV
Elective courses (choose 16-22 ECTS) (To be agreed with the supervising professor)			
<i>Methods and methodology</i> Doctoral students include any relevant KATAJA method courses as agreed with the Head of doctoral studies. More information: https://www.kataja.eu . Recommended course: <i>Experimental Methods in Marketing, 3-6 ECTS</i>			
MNGT4-L7000	Qualitative Research in Management Studies	6	III, no teaching in 2024-2025
TU-L0022	Statistical Research Methods D	5-8	III-IV
MARK-L4000	Measurement Modelling and Structural Equation Modelling with LISREL in Marketing D	3-6	
MARK-L4001	Historical Approaches to Business Research D	3-6	IV, no teaching in 2024-2025
<i>Responsible conduct of research</i>			
MNGT-L2200	Philosophy of Social Science	6	IV
LC-1333	Navigate your doctoral studies while learning about equity, diversity, and inclusion D	3	IV
LC-L1011	Open Science for Doctoral Students D*	1	any
LC-L1020	Theory of Science D*	1	any
<i>Science communication and presenting doctoral research</i>			
LCB-1350	Writing Doctoral Research for Business & Management (w)	3	IV
LC-1335	Preparing for the Doctoral Defense (o)	1	III
LC-1336	Popularize your Research (o,w)	1-3	II
LC-1330	Presenting Doctoral Research (o)	3	IV or V
LC-7110	Tieteellinen kirjoittaminen tohtoriopiskelijoille V D	3	IV-V
LC-L1017	Asiantuntijaesittämisen valmennus tohtoriopiskelijoille D	3	I
LC-L1018	Tutkimusraportoinnin tekstireitit tohtoriopiskelijoille D	3	I
LC-L1019	Tutkimustiedon yleistajuistaminen D	5	V
BIZ-L2010	Presenting research at a conference I D**	1-3	any

BIZ-L2011	Presenting research at a conference II D**	1-3	any
<i>Scientific community and working life skills</i>			
LC-L1012	Business Skills for Doctoral Students D*	1	any
LC-L1013	Career Course for Doctoral Students D*	1	any
LC-L1014	Interactive Leadership Skills for Doctoral Students D*	1	any
LC-L1015	Project Management for Doctoral Students D*	1	any
LC-L1016	Writing Research Grant Applications for Doctoral Students D*	1	any
PED-9011	A! Peda Intro	5	I-II and III-V
BIZ-L2040	University practices I D**	1-3	any
BIZ-L2041	University practices II D**	1-3	any
BIZ-L2020	Academic advising I D**	1-3	any
BIZ-L2021	Academic advising II D**	1-3	any
BIZ-L2030	Teaching at higher education D**	1-3	any
BIZ-L2050	Reviewing a scientific manuscript D**	1-3	any

* These are independent online courses, to be completed at findocnet.fi. Registration by email to udes@aalto.fi. [More information at aalto.fi](#).

** These are independent studies, to be agreed with the supervising professor and completed in the agreed timeframe.

4.1.2. Research field studies, 36-42 ECTS

Code	Course name	ECTS	Period/year
Compulsory courses, 12 ECTS			
23L30211	Research Traditions in Marketing: Independent Learning Course	6	any
MARK-L2001	Philosophical Underpinnings in Marketing and Consumer Research D	6	2024 no teaching, 2025-26 III-V
Elective courses, 21-27 ECTS			
<i>KATAJA courses</i>			
<i>Students can also include courses from the network of Finnish business schools KATAJA.</i>			
<i>Recommended courses: Digital Marketing and Social Media, 3 ECTS & Marketing Research in the Sharing Economy: Platform Businesses, Blockchain, and the Metaverse, 3 ECTS.</i>			
<i>Students are also recommended to take field specific doctoral courses by DENIM (organized by the national network KATAJA). More information at http://www.kataja.eu.</i>			
Instructions for credit transfer (aalto.fi)			
MARK-L3000	New Product Development and Innovation Strategy: Creativity, Innovation, and Marketing D	6	Summer 24-25
MARK-L2003	Marketing History D*	6	any
23L30511	Methodological Approaches to Marketing: Independent Learning Course*	6	any
23L50811	Canonical reading in social science for management and marketing*	6-8	any

* These are independent studies, to be agreed with the Head of doctoral studies and the supervising professor and to be completed in the agreed timeframe.

Contact

The major is offered by the Department of Marketing. Head of doctoral studies in Marketing:
Professor henrikki.tikkanen@aalto.fi

4.1. Finance

4.1.1. General research studies, 48 ECTS

Code	Course name	ECTS	Period/year
Compulsory courses (38 ECTS)			
LC-L1000	Research Ethics for Doctoral Students	2	II or IV
FIN-L1000	Academic Writing and Paper Presentation Clinic*	2	II
28L30111	Theoretical Asset Pricing*	6	I-II
28L30211	Empirical Asset Pricing*	6	V
28L30311	Theoretical Corporate Finance*	6	III-IV
28L40122	Empirical Corporate Finance*	6	V
ECON-L4100	Advanced Econometrics 1 D**	5	I
ECON-L4200	Advanced Econometrics 2 D**	5	II
Choose 2 of the following courses in Advanced Microeconomics:			
ECON-L2100	Advanced Microeconomics 1 D**	5	I
ECON-L2200	Advanced Microeconomics 2 D**	5	II
ECON-L2300	Advanced Microeconomics 3 D**	5	III
ECON-L2400	Advanced Microeconomics 4 D**	5	IV

* A GSF course. Information on course requirements and schedule can be found on the GSF page, <http://gsf.aalto.fi/studies.html>

** A Helsinki GSE course. More information on Helsinki GSE page, <https://www.helsinkigse.fi/>

4.1.2. Research field studies, 12 ECTS

Code	Course name	ECTS	Period/year
Elective courses (to be agreed with the Head of doctoral studies)			
28L40222	Special Course in Finance*	3-6	Summer
FIN-L2000	Special Course in Finance II*	3-6	Summer
<p>Other suitable courses in finance, economics, research methods and other related disciplines organized by the Aalto University School of Business, GSF, Helsinki GSE, FDPE, NFN and other universities, including collaborative networks that the School of Business is involved with. The courses or summer schools students plan to include in this section must be agreed on in advance with the director of the GSF (Head of doctoral studies in Finance).</p> <p>The Graduate School of Finance (GSF): http://gsf.aalto.fi Organizes PhD courses, seminars and workshops in Finance in Finland.</p> <p>Nordic Finance Network in Finance (NFN): http://nfn.aalto.fi Organizes intensive PhD courses and workshops for PhD students in Finance in the Nordic countries.</p> <p>Helsinki Graduate School of Finance / Finnish Doctoral Programme in Economics https://www.helsinkigse.fi/ and http://www.fdpe.fi Organizes PhD courses, seminars and workshops in Economics in Finland.</p> <p>Finnish Doctoral Program in Business Studies: http://www.kataja.eu</p>			

Coordinates Finnish graduate schools of business administration.

[Instructions for credit transfer \(aalto.fi\)](#)

* This is a GSF special course in Finance on annually changing topics. Some of the special courses are shorter (3 ECTS) and others longer (6 ECTS). Additional information on course requirements, schedule, prerequisites, course outlines, reading lists etc. can be found on the GSF page, <http://gsf.aalto.fi/studies.html>.

Contact

Teaching for the major in Finance is organized within the Graduate School of Finance (GSF). Further Information: GSF director, Head of doctoral studies in Finance Mikko Leppämäki (firstname.lastname@aalto.fi)

4.1. Economics

4.1.1. General research studies, 48 ECTS

Code	Course name	ECTS	Period/year
Compulsory course, 2 ECTS			
LC-L1000	Research Ethics for Doctoral students D	2	II or IV
Choose at least 46 ECTS			
Students who have already completed these or corresponding courses as part of their Master's degree must complete must contact the Head of doctoral studies for planning their course selection.			
ECON-L2100	Advanced Microeconomics 1 D*	5	I
ECON-L2200	Advanced Microeconomics 2 D	5	II
ECON-L2300	Advanced Microeconomics 3 D	5	III
ECON-L2400	Advanced Microeconomics 4 D	5	IV
ECON-L3100	Advanced Macroeconomics 1 D*	5	I
ECON-L3200	Advanced Macroeconomics 2 D*	5	II
ECON-L3300	Advanced Macroeconomics 3 D*	5	III
ECON-L3400	Advanced Macroeconomics 4 D*	5	IV
ECON-L4100	Advanced Econometrics 1 D*	5	I
ECON-L4200	Advanced Econometrics 2 D*	5	II
ECON-L4300	Advanced Econometrics 3 D*	5	III
ECON-L4400	Advanced Econometrics 4 D	5	IV
31L20012	Second year research paper seminar**	6	all

* Courses offered by Helsinki Graduate School of Economics, Helsinki GSE. More information:

<https://www.helsinkigse.fi/courses/>.

** The Second year research paper seminar is arranged throughout the whole academic year. Credits for the fourth year research paper seminar can be included in General research studies as study drafts > custom course credit.

4.1.2. Research field studies, 12 ECTS

Code	Course name	ECTS	Period/year
Elective courses (To be agreed with the Head of doctoral studies)			
You can also include here e.g.			
<ul style="list-style-type: none"> - GSE special courses (1-6 ECTS credits each) - Working papers (this requires approval from the supervising professor, 6 ECTS credits) - Book exam (3-9 ECTS credits). The exam consists of three books or articles about the subject of the research work. The material is chosen by the supervising professor. - Reading group (3-6 ECTS). The requirements will be set by the reading group organizer and approved by the Head of doctoral studies. - Research seminar participation (3-6 ECTS). The student will follow a Helsinki GSE research seminar series and undertake writing assignments as instructed by the professor in charge of the doctoral studies. - E-level courses given at the School of Business by the Departments of Economics, Finance, and Management Science. The courses must be approved by the Head of doctoral studies. - Doctoral courses at other universities. These courses must be approved by the Head of 			

doctoral studies.			
Instructions for credit transfer (aalto.fi)			
BIZ-LV004	Topics in Quantitative Macroeconomics	5	
ECON-L1300	Empirical Industrial Organization I: Static models	6	25-26 III -IV
ECON-L1350	Empirical Industrial Organization II: Topics	6	24-25 III-IV
ECON-L5000	Topics In Game Theory D	6	
ECON-L6000	Urban and Regional Economics	6	V
ECON-L6210	Structural Econometrics D	5	II

Contact

The major is offered by the Department of Economics. Head of doctoral studies in Economics:
Associate Professor Kristiina Huttunen (firstname.lastname@aalto.fi)