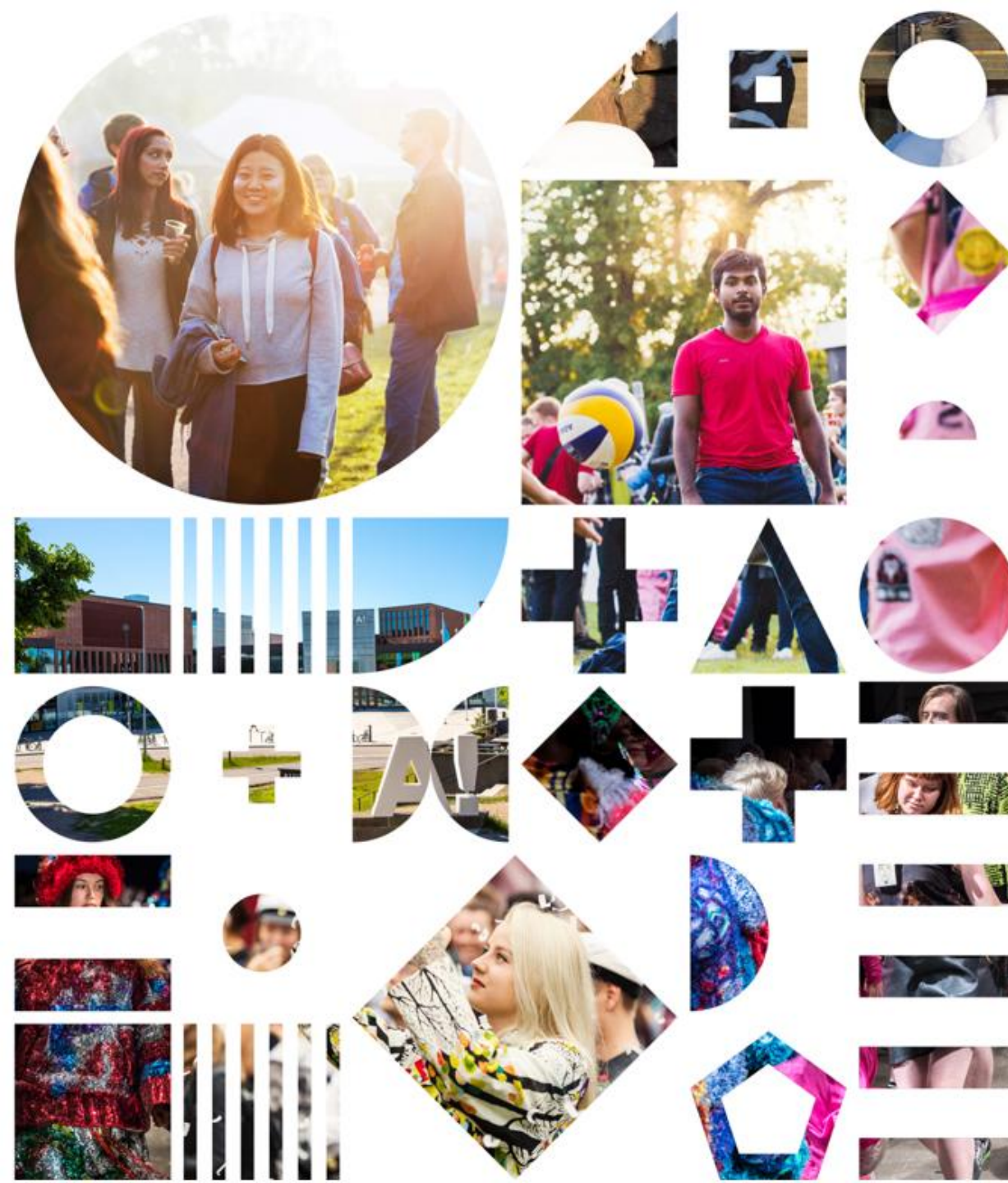




Aalto University
School of Business

Information and Service Management New Students 2026 – Welcome!

25.8.2026



Program

Welcome to the Master's programme in Information and Service Management (ISM)!

- Meet your fellow students
- Meet faculty members
- Programme and studies
- Information Technology Programme (ITP)
- Aalto BT student club

- Q & A



Meet your fellow students

In a group of 2-3

- Introduce yourself briefly
 - *Find one or more things that you have in common*
- *4 min*

Learning themes

- Use and develop data analysis and business intelligence in organisations
- Apply quantitative and data driven decision making
- Develop processes and operations
- Analyse and develop digital services
- Introduce AI to businesses
- Understand security and privacy of data assets
- Manage resilient and sustainable supply chains
- AI!** • Lead people and projects





Learning methods

- Lectures
- Exercises
- Assignments
- Course project
- Exam
- Workshops
- Tutorials
- Independent work
- Group work
- Pre-reading
- Field exercise on live case

AI in learning

- It is you, not AI, who is here to study the degree
- Course ISM-A1111 Introduction to Generative AI
- In some assignments allowed to use AI, in some assignments not
- In the courses we support you when and how to use AI to support your learning
- It is very important to follow the guidelines; general and course specific instructions

Typical job profiles



Analyst

- Business intelligence and data science



Consultant

- Information based services development
- Digital services
- Supply chain sustainability and resilience



Project manager



Product manager



Supply chain/ Sourcing/ Logistics manager

Placement Survey Results for ISM

Students who graduated in 2024

- 70 % of the graduates had found the first employment before graduation, 15 % already had a job before studies and 10 % found a job after graduation
- After a year, 93% were employed
 - *(permanent job 88 %, fixed-term 2,5 % and entrepreneur 2,5 %)*
- 98 % of the respondents were overall satisfied with the degree
- Very good starting salaries
- Most important factors to find the first employment: Combination of subjects in the degree, ability to tell people about your skills, contacts / networks, internship in Finland

Work and studies

- Do not think about working full time in the first year!
- Part time work can be an option but you might need to take less courses
- Working full time + thesis is not easy combination

ISM Specialization areas



Business Analytics focus helps you learn how to *solve business problems with a data-driven approach*.



Information Systems focus helps you learn how to *manage and develop digital businesses*.



Supply Chain Management focus helps you learn how to *manage and develop companies' complex supply chains in the network economy*.



Curriculum 2026-28: <https://www.aalto.fi/en/programmes/masters-programme-in-information-and-service-management/curriculum-2026-2028>



Aalto University
School of Business

— **ISM Specialization area**

Supply Chain Management

Professor Katri Kauppi

Fifth of all global CO2 emissions come from the supply chains of large multinational companies such as Total, BP and Coca Cola, study finds

- Report reveals the scope of big companies' power in climate change prevention

European Union: Due Diligence in Supply Chains

BY SEHER BUDAK - JULY 26, 2023 - 3 MINS READ

Cadbury faces fresh accusations of child labour on cocoa farms in Ghana

DHL says supply chain must drive move to circular economy

January 26, 2022 • 5 mins

Supply chains

+ Add to myPT

Supply chain managers in demand as businesses hit by shortages

THE BIG SUPPLY CHAIN TALENT SHORTAGE

Climate change will disrupt supply chains much more than Covid — here's how businesses can prepare



Special Report UK's Leading Management Consultants
Supply chain bottlenecks: 'It's been nuts'

...“It's been absolutely nuts,” says Brian Higgins, head of KPMG's U
supply chain and operations practice....



Supply chains

Supply chain shocks fuel push for more resilience

Disruptions such as tariffs, wars and energy crises have forced companies to rethink the 'just in time' model

JUNE 5, 2026

Why Supply Chain Transparency Is No Longer Optional

By Alyn Franklin, Forbes Councils Member.

for Forbes Business Council, COUNCIL POST | Membership (fee-based)

Published Nov 19, 2025, 08:30am EST

Supply Chain Analytics Market Statistics - 2027

The global supply chain analytics market size was valued at \$4.53 billion in 2019, and is projected to reach \$16.82 billion by 2027, growing at a CAGR of 17.9% from 2020 to 2027. Supply chain analytics targets to improve operational efficiency and effectiveness by enabling data-driven decisions at strategic, operational, and tactical levels. It incorporates virtually the complete value chain including sourcing, manufacturing, distribution, and logistics. Supply chain analytics helps in increasing

A Tech 'Golden Age' Awaits Supply Chains Limping Out of the Pandemic

- Investors injecting \$9 billion a quarter into logistics tech



Aalto-yliopisto
Kauppakorkeakoulu

SCM courses on offer

Teaching period	Course	Teacher
I	35E03000 Sustainable supply chains	Katri Kauppi
I	35E02000 Procurement and strategic sourcing	Seongtae Kim
II	ISM-E3003 Operations and supply chain analytics	Heikki Peura
III	ISM-C3002 Revenue management and demand analytics	Heikki Peura
IV	ISM-C3002 Operations and Supply Chain Risk Management	Iryna Malacina
IV	ISM-E3005 Capstone: Supply Chain Improvement Project	Katri Kauppi
V	35E00550 Quality and performance management	Max Finne

Supporting course for SCM specialization

Intermediate level

Capstone: Process Analysis and Management (period II)

Global Logistics and Distribution (period III)

Operaationhallinta ja analytiikka julkisella ja kolmannella sektorilla (period III)

Advanced level

Innovation in Operations

Operations Management in Contruction

Tullit ja verot kansainvälisessä kaupassa (in Finnish)



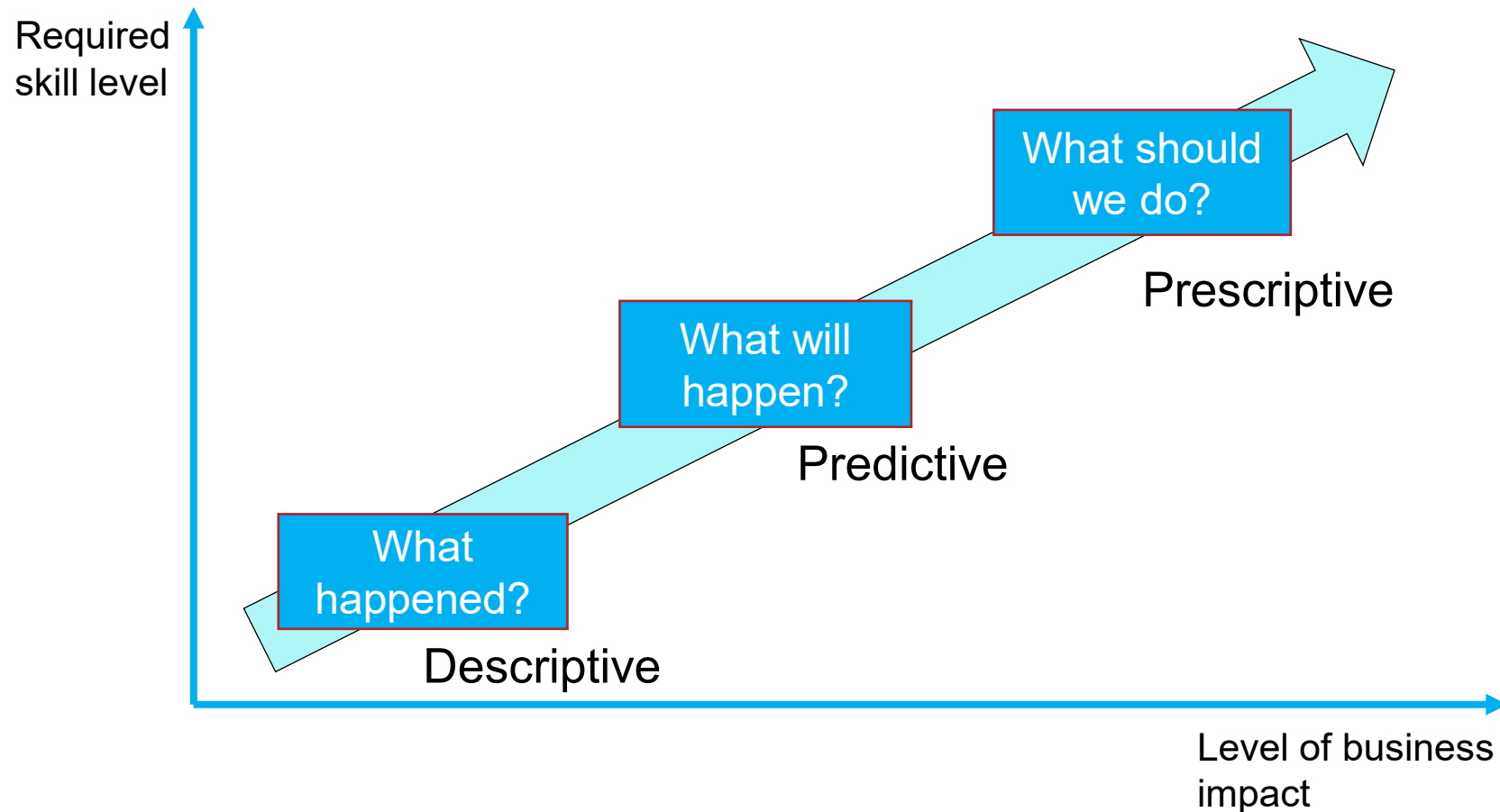
Aalto University
School of Business

— **ISM Specialization area**

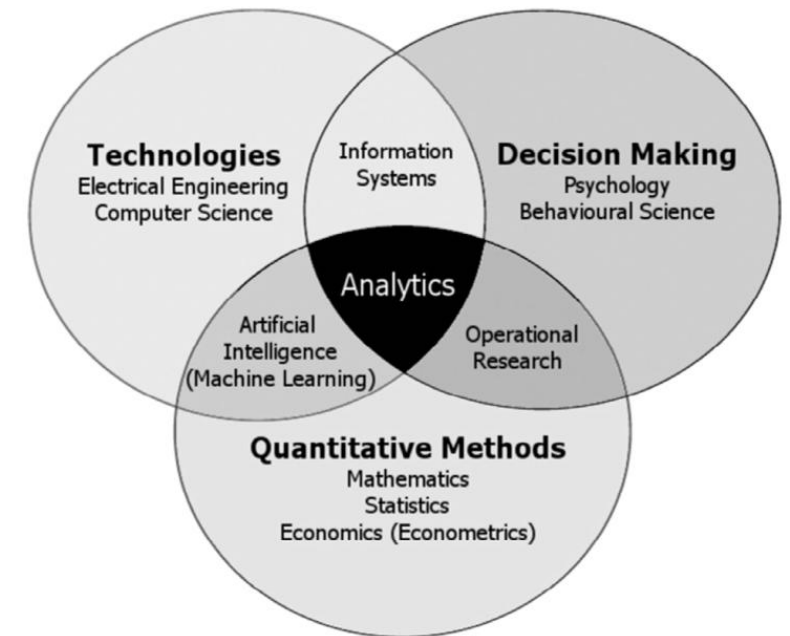
Business Analytics

Prof. Juuso Liesiö

Business Analytics: Better decision making through the utilization of analytical models and data (i.e., statistics, optimization, machine learning, simulation, decision analysis, game-theory)

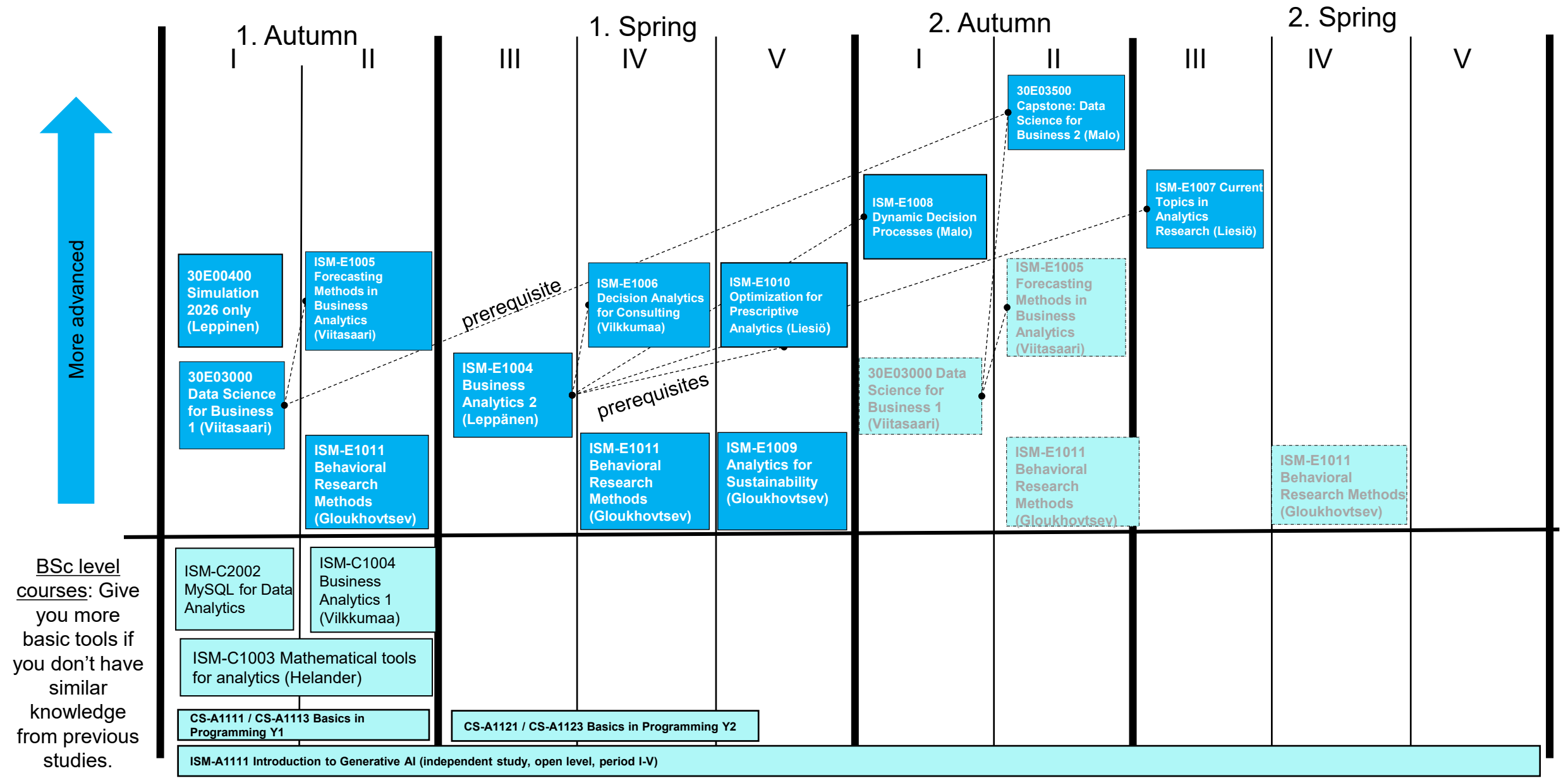


Source: Kart, L. "Advancing analytics", Gartner Inc. (2012)



Mortenson, Doherty, Robinson (2015).
"Operational research from Taylorism to Terabytes", *European Journal of Operational Research*

Business Analytics: Better decision making through the utilization of analytical models and data (i.e., statistics, optimization, machine learning, simulation, decision analysis, game-theory)





Aalto University
School of Business

— ISM Specialization area

Information Systems Science

Associate Professor Esko Penttinen

Learning themes

Designing digital services

- Service design methods
- Service product management
- AI support for business

Developing digital business models

- Digital platforms
- System dynamics
- Design science approach
- Social media, crowdsourcing, many-sided markets

Managing digital resources

- Management of digital transformation
- Consulting and leading implementation
- Challenges of implementing and discontinuing information systems
- Management of future maintenance obligations (i.e., technical debt)
- Security and privacy

Information Systems Science courses

Information systems courses by ISM department

Capstone: Project Management and Consulting Practice	Matti Rossi
Capstone: Business Intelligence	Yong Liu
Digital Platforms	One of the 2/3 core programme studies courses (period IV) Kari Koskinen
System Dynamics Modelling in Information Systems	Esko Penttinen
Strategic Information Technology Management	Esko Penttinen
Digital Sustainability and Ethics	Hadi Ghanbari & Kari Koskinen
Information Security Management	Hadi Ghanbari
Introduction to Digital Service Design	Niina Mallat
Digital Service Product Management	Petri Parvinen
Foundations of Data Regulation (Business Law course)	
Current Topics in Digital Business	Esko Penttinen
Critical Issues in Information Systems Research	Visiting professor

Supporting courses for ISS specialization

Intermediate courses

Basics in programming Y1 & Y2

MySQL for Data Analytics

Human-Computer Interaction

Business Law courses

Data Protection

Aineettomat oikeudet liiketoiminnassa (intellectual property rights) in Finnish

Curriculum 2026-28: Programme studies in ISM Master's programme

	I Period	II Period	III Period	IV Period	V Period	
Core courses: Choose 2 courses (12 ECTS)	35E03000 Sustainable Supply Chains		ISM-E1004 Business analytics 2	ISM-E2001 Digital Platforms		Business analytics track
Elective courses in ISM: Choose min. 33 ECTS from courses in boxes (about 6-7 courses)	35E02000 Procurement & Strategic Sourcing	ISM-E3003 Operations and Supply Chain Analytics	ISM-E3004 Revenue Management and Demand Analytics	ISM-C3002 Operations and Supply Chain Risk Management	35E00550 Quality and Performance Management	Information Systems Science track
	ISM-E2008 Systems Dynamics Modelling in Information Systems	37E00200 Strategic Information Technology Management	ISM-E2003 Information Security Management	ISM-E2005 Digital Service Product Management	ISM-E2222 Current Topics in Digital Business	Supply Chain Management track
Or choose max. 12 ECTS from the supporting courses	30E03000 Data Science for Business 1	ISM-E2004 Introduction to digital service design	ISM-E2007 Digital Sustainability and Ethics	ISM-E1006 Decision Analytics for Consulting	37E44000 Critical Issues in Information Systems Research	
	30E00400 Simulation (only fall 2026)	ISM-E1005 Forecasting Methods in Business Analytics	ABL-E2616 Foundations of Data Regulation	ISM-E1011 Quantitative Behavioral Research	ISM-E1010 Optimization for Prescriptive Analytics	
	ISM-E1008 Dynamic Decision Processes	ISM-E1011 Quantitative Behavioral Research	ISM-E1007 Current Topics in Analytics Research		ISM-E1009 Analytics for Sustainability	
	ISM-C2002 MySQL for Data Analytics	ISM-C1004 Business Analytics I			30C02000 Negotiation Analytics	
	ABL-E2620 Tulit ja verot kansainvälisessä kaupassa	ABL-E2604 Aineettomat oikeudet liiketoiminnassa	ISM-C3001 Global Logistics and Distribution			
	ABL-E2606 Data Protection	35C03000 Capstone: Process Analysis and Management		CS-A1120 Programming 2 (period IV-V)		
	ISM-C1003 Mathematical tools for analytics (period I-II)		CS-A1121 Ohjelmoinnin peruskurssi Y2 (period III-IV)			
	CS-A1111 Ohjelmoinnin peruskurssi Y1 (period I-II)		ISM-C5000 Operaationhallinta ja analytiikka julkisella ja kolmannella sektorilla (in Finnish)	CS-E2050 Operations Management in Construction		
	CS-A1110 Programming 1 (period I-II)		TU-E2112 Innovation in Operations (III-V)			
	CS-C3120 Human-Computer Interaction (period I-II)					
	ISM-A1111 Introduction to Generative AI (period I-V)					
Capstone: Choose 1 course (6 ECTS)	37E01500 Capstone: Project Management and Consulting Practice	30E03500 Capstone Data Science for Business 2		ISM-E3005 Capstone: Supply Chain Improvement Project		
				57E00500 Capstone: Business Intelligence		
Thesis + seminar (33 ECTS)	Thesis + seminar + maturity test		Thesis + seminar + maturity test			

Business analytics track
Information Systems Science track
Supply Chain Management track

How to choose a concentration and relevant courses?

What are your own interests?

What kind of jobs you are interested in?

Talk with the student and academic tutors

Hadi Ghanbari (ISS), Seongtae Kim (SCM), Ilkka Leppänen(BA)

Check the example study paths on the Aalto BT (subject club) pages (created together with students and teachers).

Be flexible!

A!

Book a meeting with an academic tutor!

Recommended:

Within the next few weeks book a short meeting with an academic tutor to go through your study plan and to ask any questions in your mind.

Academic tutors are teachers who help students to think about different study and career paths in different areas of specialization in ISM.



Hadi Ghanbari (ISS)
hadi.ghanbari@aalto.fi
Book a meeting [here](#).



Seongtae Kim (SCM)
seongtae.kim@aalto.fi



Ilkka Leppänen (BA)
ilkka.j.leppanen@aalto.fi

Most popular minors for ISM students

Exchange studies

Finance

Computer Science Minors (intermediate, advanced level)

Business Law (intermediate, advanced)

Analytics and Data Science

Marketing

Information Technology Programme (summer)

Machine Learning, Data science and Artificial Intelligence

Security and Cloud Computing

Software and Service Engineering

See more at: <https://www.aalto.fi/en/minors>



INFORMATION TECHNOLOGY PROGRAM

30 years of innovation and collaboration

WHAT IS ITP?

The Information Technology Program (ITP) is a masters-level summer program, organized by the Aalto University School of Business.

The program gathers a multidisciplinary and international cohort to tackle a real-life business challenge over the course of 3 months.

ITP offers 2 tracks in 2026:

Information Service Business

- Digital Service Innovation (6 ECTS)
- Data-Driven Decision Making (6 ECTS)
- Strategic IT Management (6 ECTS)

Strategy Experience Design

- Design Strategy (6 ECTS)
- Service Creation (6 ECTS)
- User Experience Design (6 ECTS)





AT THE END OF THE SUMMER STUDENTS GAIN

24 to 30 credits
towards a minor or
electives.

**Work Experience &
Recruitment Opportunities**
for a company.





Varun Kishore

Program Manager

varun.kishore@aalto.fi



Lia Hietavirta

Coordinator

lia.hietavirta@aalto.fi



Master's thesis

- You can already start thinking about the topic in 1st year courses
- No need to know the topic before starting the thesis seminar
- Start the seminar either in September or in January
- After the intro lectures the student contacts a supervisor that suits the topic

You can find more about the thesis and seminar on MyCourses:

<https://mycourses.aalto.fi/course/view.php?id=49962>

Study Plan in Sisu

- Create your study plan in Sisu
 - Add 120-126 cr to have a draft
 - Time the courses evenly for periods (12 cr/period recommended)
 - Deadline for requesting approval in Sisu **31.10.**
 - Application is directed to Anna and she will approve the application or give comments.
- If you want to do more courses than 126 cr
 - you can add the course to the electives in order to register and remove later if you don't want to include them in the degree
- All the courses you have marked in the final study plan will be part of your diploma
 - until graduation you can change the courses in your plan

A!

Planning Officer

- Student counselling in study related issues (incl. Credit transfers)
- You can contact me
 - By email: programmes-biz@aalto.fi
 - By phone: 050 376 5328
 - By booking a meeting through MyStudies: mystudies.aalto.fi
 - Campus or online meeting possible

— **Subject club**

Aalto BT



Aalto
Business Technology



What is Aalto BT ry?

- ❖ The largest subject club at Aalto University School of Business
- ❖ Founded in 2007, and currently has 900+ members
- ❖ We organize a wide variety of events related to networking, wellbeing, and partying
- ❖ We are responsible for student advocacy within the department
- ❖ We strive to build an open and welcoming community for all students





Wild West Sitz, 2026



After Exams, 4/2026



Study Trip, Dublin, 2019



Sunday Hike, 2021



Trucker Sitz, 2025

Events and excursions



Annual Ball, 2025



Career Dinner, 2026



BT x Prodeko Sitz, 2025



Accenture Excursion, 2026



Boat Party, 2023

In cooperation with



Study paths

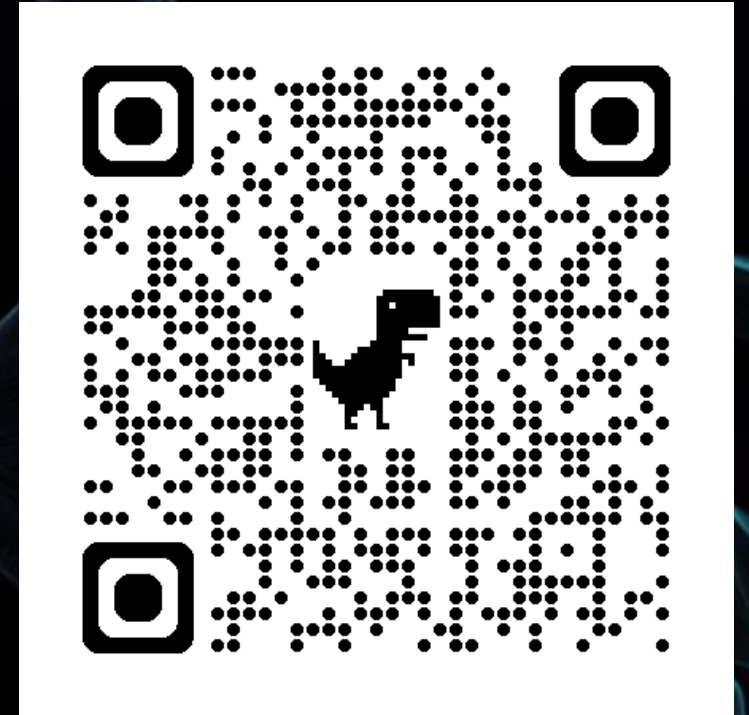
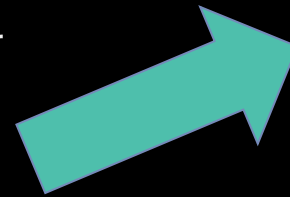
- ❖ ISM and BA are highly flexible degrees, and it can make course planning a bit overwhelming
- ❖ Aalto BT's study paths are designed to help you select your courses based on your career interests
- ❖ Not necessary to follow; you can mix and match courses across different paths or just use as inspiration!

Come to our *Sip&Share* session on 1st of September, from 15:30–16:30 in Lecture Hall V001, to learn more about it! :)



How to get involved

- ❖ Attend events - we have a wide variety so we encourage you to join every event!
- ❖ Board recruitment - elections for the BT Board '27 will start around December, so keep an eye out for that
- ❖ Access to our LinkTree to join our Telegram chats and give us feedback on anything regarding your experience in ISM



If you have any questions:

Please don't hesitate to contact us :)



Tg: @kukkamariaa



Thank you for choosing ISM and we
hope you enjoy your studies here
with us <3



Aalto
Business Technology

aaltobt.fi
@aaltobt

Stay in contact

- Sip & Share events in each period
 - Coffee + cookies
 - Students, teachers, Aalto BT, planning officers
 - Different themes: details about courses, master's thesis, wellbeing in studies
 - Announced by e-mail

Programme Head

Matti Rossi
matti.rossi@aalto.fi



Planning Officer

Anna Kuparinen
programmes-biz@aalto.fi





Questions?



Thank you! Kiitos!