

# Master level minors

Title	Available for	Language	Level	Method	Theme
<a href="#">Aalto Nuclear Safety</a>	Students at schools of technology	English	Master		Advanced energy solutions and Materials and sustainable use of natural resources
<a href="#">Acoustics and Audio Technology</a>	All Aalto students	English	Master		Materials and sustainable use of natural resources
<a href="#">Advanced Energy Solutions Minor</a>	All Aalto students	English	Master		Advanced energy solutions
<a href="#">Analytics and Data Science</a>	All Aalto students	English	Master		ICT and digitalisation and Global business dynamics
<a href="#">Animation (en) / Animaatio (fi)</a>	All Aalto students	Finnish or English	Bachelor and Master		Art and design knowledge building
<a href="#">Arkkitehtuurin historia (maisteritaso) / Arkitekturhistoria (magisternivå)</a>	All Aalto students	Finnish and English	Master		Art and design knowledge building
<a href="#">Automaatio- ja systeemiteknikka</a>	Students at schools of technology	Finnish	Bachelor and Master		ICT and digitalisation
<a href="#">Bioinformaatioteknologia</a>	All Aalto students	Finnish	Bachelor and Master		Health and wellbeing
<a href="#">Bioinformatics and Digital Health</a>	Students at schools of technology	English	Master		ICT and digitalisation and Health and wellbeing
<a href="#">Biomass Refining</a>	All Aalto students	English	Master		Materials and sustainable use of natural resources
<a href="#">Biomedical Engineering</a>	All Aalto students	English	Master		Health and Wellbeing

Biosensing and Bioelectronics	All Aalto students	English	Master	Health and wellbeing and Materials and sustainable use of natural resources
Biosystems and Biomaterials Engineering	All Aalto students	English	Master	Health and wellbeing
Biotechnology	All Aalto students	English	Master	Materials and sustainable use of natural resources and Health and wellbeing
Building Technology	All Aalto students	English	Master	Human-centred living environments and Advanced energy solutions
CHEMARTS	All Aalto students	English	Bachelor and Master	Art and design knowledge building and Materials and sustainable use of natural resources
Chemical and Process Engineering	All Aalto students	English	Master	Materials and sustainable use of natural resources and ICT and digitalisation
Chemistry	All Aalto students	English	Master	Materials and sustainable use of natural resources and Advanced energy solutions
Communications Engineering	All Aalto students	English	Master	ICT and digitalisation
Complex Systems	All Aalto students	English	Master	ICT and digitalisation and Health and wellbeing
Computer Science (Master level)	All Aalto students	English	Master	ICT and digitalisation
Consumer Research	BIZ students only	English	Master	Global business dynamics

Control, Robotics and Autonomous Systems	All Aalto students	English	Master	ICT and digitalisation
Corporate Communication	All Aalto students	English	Master	Global business dynamics
Creative Sustainability	All Aalto students	English	Master	Materials and sustainable use of natural resources and Human-centred living environments
Creativity and Venturing	All Aalto students	English	Master	Global business dynamics
Dokumentaarinen elokuva	ARTS students only	Finnish	Bachelor	Art and design knowledge building
Dynamic Visualization in New Media	All Aalto students	English	Master	Art and design knowledge building and ICT and digitalisation
Earth Observation	All Aalto students	English	Master	ICT and digitalisation and Materials and sustainable use of natural resources
Economics	BIZ students only	English	Master	Global business dynamics
Electrical Power and Energy Engineering	All Aalto students	English	Master	Advanced energy solutions
Elektronikka ja sähkötექnikka, kaikille Aallon koulujen opiskelijoille	CHEM, ENG, SCI students	Finnish	Bachelor	ICT and digitalisation and Advanced energy solutions
Elokuva- ja televisiotuotanto / Film and Television Production / Film och television produktion	All Aalto students	Finnish Swedish English	Bachelor and Master	Art and design knowledge building
Elokuvaleikkaus (fi) / Filmklipping (se)	ARTS students All Aalto students	Finnish	Bachelor	Art and design knowledge building
Elokuvan historia	All Aalto students	Finnish and English	Bachelor and Master	Art and design knowledge building

Engineering Physics	All Aalto students	English	Master	Materials and sustainable use of natural resources and Advanced energy solutions
Entrepreneurial Leadership	All Aalto students	English	Master	Global business dynamics and ICT and digitalisation
Entrepreneurship and Innovation Management	All Aalto students	English	Master	Global business dynamics
Fashion Management	ARTS, BIZ students	English	Master	Art and design knowledge building and Global business dynamics
Fibre and Polymer Engineering	All Aalto students	English	Master	Materials and sustainable use of natural resources
Finance, for School of Business MSc students only	BIZ students only	English	Bachelor and Master	Global business dynamics
Financial Engineering	All Aalto students	English	Master	Global business dynamics
Functional Materials	All Aalto students	English	Master	Materials and sustainable use of natural resources
Game Design and Production	All Aalto students	English	Master	Art and design knowledge building and ICT and digitalisation
Games and Virtual Reality in Performing Arts (GVRIPA)	ARTS students only	English	Master	Art and design knowledge building and ICT and digitalisation
Geoengineering and Mineral Based Materials	All Aalto students	English	Master	Materials and sustainable use of natural resources and Human-centred living environments

Geoinformatics	All Aalto students	English	Master	ICT and digitalisation and Human-centred living environments
Human Neuroscience and Technology	All Aalto students	English	Master	Health and wellbeing and ICT and digitalisation
Human-Centered Living Environment	All Aalto students	English	Master	Human-centred living environments
Human-Computer Interaction	All Aalto students	English	Master	ICT and digitalisation
Industrial Internet	All Aalto students	English	Master	ICT and digitalisation
Informaatioteknologia (IT)	All Aalto students	Finnish	Bachelor	ICT and digitalisation
Information and Service Management, advanced level	All Aalto students	English	Master	ICT and digitalisation and Global business dynamics
Information and Service Management, intermediate level	All Aalto students	Finnish	Bachelor and Master	ICT and digitalisation and Global business dynamics
Information Technology Programme (ITP)	All Aalto students	English	Bachelor and Master	ICT and digitalisation
International Design Business Management	All Aalto students	English	Master	Global business dynamics and Art and design knowledge building
International minor, only for ENG master students	ENG students only	English	Master	International studies
International Studies Minor (only for SCI students)	SCI students only	English	Bachelor and Master	International studies

Kansainvälinen sivuaine, vain CHEMin opiskelijoille	CHEM students only		Bachelor and Master	Kansainväliset opinnot
Kansainvälinen sivuaine, vain ELECin opiskelijoille	ELEC students only	English	Bachelor and Master	Kansainväliset opinnot
Kaupunkiakatemia	All Aalto students	Finnish	Bachelor	Human-centred living environments
Laskentatoimi, vain Kauppakorkeakoulun KTM-opiskelijoille	BIZ students only	Finnish or English	Master	Global business dynamics
Liiketoimintaosaamisen perusteita (luento-opetus)	ARTS and schools of technology students	Finnish	Bachelor	Global business dynamics
Liiketoimintaosaamisen sivuaine (verkko-opetus)	ARTS and schools of technology students	Finnish	Bachelor	Global business dynamics
Machine Learning, Data Science and Artificial Intelligence	All Aalto students	English	Master	ICT and digitalisation
Management and International Business	All Aalto students	English	Master	Global business dynamics
Marine Technology	All Aalto students	English	Master	Online studies or contact learning ICT and digitalisation
Marketing	BIZ students only	English	Master	Global business dynamics
Mathematics (Master level)	All Aalto students	English	Master	Mathematics and research methods
ME310 Aalto - Global Innovation Program	All Aalto students	English	Master	Global business dynamics
Mechanical Engineering	Students at schools of technology	English	Master	Materials and sustainable use of natural resources and Art and design knowledge building
Micro- and Nanoelectronic Circuit Design	All Aalto students	English	Master	ICT and digitalisation and Advanced energy solutions

Microwave Engineering	All Aalto students	English	Master	ICT and digitalisation and Advanced energy solutions
Minor study module completed at another university, for BIZ students (en) / Muualla suoritettu sivuopintokokonaisuus, vain BIZin opiskelijoille (fi)	BIZ students only	Finnish English	Bachelor Master	Global business dynamics
Multidisciplinary Energy Studies	All Aalto students	English	Master	Advanced energy solutions and ICT and digitalisation
Multilingual Business Communication (en) / Monikielinen yritysviestintä (fi)	BIZ students only	Language studies	Master	Global business dynamics
New Media Design and Production	All Aalto students	English	Master	Art and design knowledge building
Nordic Visual Studies and Art Education	All Aalto students	English	Master	Art and design knowledge building
Operations and Service Management	All Aalto students	English	Master	Global business dynamics
Pack-Age: Interdisciplinary Packaging Design Project	All Aalto students	English	Master	Art and design knowledge building and Materials and sustainable use of natural resources
PatternLab	ARTS students only	English	Master	Art and design knowledge building and Global business dynamics
Photonics and Nanotechnology	All Aalto Students	English	Master	Materials and sustainable use of natural resources
Quantitative methods, advanced level	All Aalto students	English	Master	Mathematics and research methods
Quantitative Methods, intermediate level	All Aalto students	English	Bachelor and Master	Mathematics and research methods
Rakennussuunnittelu	All Aalto students	Finnish and English	Bachelor	Human-centred living environments

Real Estate Economics	All Aalto students	English	Master	Human-centred living environments Global business dynamics
Research Methods	BIZ students only	English	Master	Mathematics and research methods
Scenography and Costume Design (en) / Lavastustaide ja pukusuunnittelu (fi)	All Aalto students	Finnish or English	Bachelor and Master	Art and design knowledge building
Security and Cloud Computing	All Aalto students	English	Master	ICT and digitalisation
Signal, Speech and Language Processing	All Aalto students	English	Master	Materials and sustainable use of natural resources and ICT and digitalisation
Sivuaine kotimaisesta yliopistosta (vain SCI opiskelijoille)	SCI students	Finnish	Bachelor and Master	
Sivuaine toisessa yliopistossa, vain CHEMin opiskelijoille	CHEM students	Finnish	Bachelor and Master	
Software and Service Engineering	All Aalto students	English	Master	ICT and digitalisation and Global business dynamics
Sound in New Media	All Aalto students	English	Master	Art and design knowledge building
Space Science and Technology	All Aalto students	English	Master	Materials and sustainable use of natural resources
Startup Minor	All Aalto students	English	Master	Global business dynamics
Strategic Marketing	BIZ students only	English	Master	Global business dynamics and ICT and digitalisation
Strategy and Corporate Renewal	All Aalto students	English	Master	Global business dynamics
Supply Chain Management	All Aalto students	English	Master	Global business dynamics



Sustainable Metals Processing	All Aalto students	English	Master	Materials and sustainable use of natural resources
Systems and Operations Research	All Aalto students	English	Master	ICT and digitalisation and Advanced energy solutions
Taloustiede, Taloustieteen perusteet -kurssin tai vastaavat opinnot osana muita opintojaan jo suorittaneille	All Aalto students	Finnish	Bachelor and Master	Global business dynamics
Textiles - Material and structure	ARTS students only	English	Master	Art and design knowledge building
Translational Engineering	All Aalto students	English	Master	Materials and sustainable use of natural resources
Tulevaisuuden tutkimuksen opintokokonaisuus	All Aalto students	Finnish	Bachelor	ICT and digitalisation and Global business dynamics
Urban Studies & Planning	All Aalto students	English	Master	Human-centred living environments
USchool	ARTS, SCI students	English	Master	ICT and digitalisation and Art and design knowledge building
Visual Cultures, Curating and Contemporary Art	All Aalto students	English	Master	Art and design knowledge building
Yhdyskuntasuunnittelu	All Aalto students	Finnish or Swedish	Bachelor	Human-centred living environments
Yritysjuridiikka, maisterivaiheen aineopintotasoinen kokonaisuus	All Aalto students	Finnish	Master	Global business dynamics
Yritysjuridiikka, syventävä kokonaisuus	All Aalto students	Finnish	Master	Global business dynamics