

# Minors taught in English

Title	Available for	Language	Level	Theme
Aalto Math and Arts	All Aalto students	English	Bachelor Master Doctoral	Art and design knowledge building Mathematics and research methods
Aalto Nuclear Safety	Students at schools of technology	English	Master	Advanced energy solutions and Materials and sustainable use of natural resources
Aaltonaut	All Aalto students	English	Bachelor	Global business dynamics
Accounting, advanced minor	All Aalto Students	English	Master	Global business dynamics
Acoustics and Audio Technology	All Aalto students	English	Master	Materials and sustainable use of natural resources
Advanced Energy Solutions Minor	All Aalto students	English	Master	Advanced energy solutions
Analytics and Data Science	All Aalto students	English	Master	ICT and digitalisation and Global business dynamics
AVP Startup Minor	All Aalto students	English	Master	Global business dynamics
Bioinformatics and Digital Health	Students at schools of technology	English	Master	ICT and digitalisation and Health and wellbeing
Biomass Refining	All Aalto students	English	Master	Materials and sustainable use of natural resources
Biomedical Engineering	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
Building Virtual Worlds	All Aalto students	English	Bachelor Master Doctoral	ICT and digitalisation  Art and design knowledge building
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
Chemical Engineering	All Aalto students	English	Bachelor	Materials and sustainable use of natural resources and Advanced energy solutions
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
Computational Engineering	All Aalto students	English	Bachelor	ICT and digitalisation and Materials and sustainable use of natural resources
Computer science (en) / Tietotekniikka (su)	All Aalto students	Finnish or English	Bachelor	ICT and digitalisation
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
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
Data Science	All Aalto students	English	Bachelor	ICT and digitalisation and Mathematics and research methods
Digital Marketing & Analytics	BIZ MSc students and MSc students at schools of technology	English	Master	Global business dynamics and ICT and digitalisation
Digital Systems and Design	All Aalto students	English	Bachelor	ICT and digitalisation
Earth Observation	All Aalto students	English	Master	ICT and digitalisation and Materials and sustainable use of natural resources

Economics, advanced level	All Aalto students	English	Master	Global business dynamics
Electrical Power and Energy Engineering	All Aalto students	English	Master	Advanced energy solutions
Electronic and Digital Systems	All Aalto students	English	Master	Materials and sustainable use of natural resources
Elokuva- ja televisiotuotanto / Film and Television Production / Film och television produktion	All Aalto students	Finnish Swedish and English	Bachelor and Master	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
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	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
Individual Minor Subject, only for ARTS students (en) / Henkilökohtainen sivuaine, vain ARTS:n opiskelijoille (fi) / Personligt biämne, endast för ARTS studerande (sv)	ARTS students only	Finnish Swedish English	Bachelor	
Individual minor, only for students in the Bachelor's programme in Economics	Only for students in the Bachelor's programme in Economics	Finnish and English	Bachelor	Global business dynamics
Industrial Internet	All Aalto students	English	Master	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 Business	All Aalto students	English	Master	Global business dynamics
International Business (Mikkeli campus)	All Aalto students	English	Bachelor	Global business dynamics
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
International Studies Minor, for ARTS students only	ARTS students only	English	Bachelor Master Bachelor and Master	
Kansainvälinen sivuaine, vain ELECin opiskelijoille	ELEC students only	English	Bachelor and Master	Kansainväliset opinnot
Kuvanveisto	All Aalto students	Finnish	Bachelor	Art and design knowledge building
Leadership and Change Management	All Aalto students	English	Master	Global business dynamics and ICT and digitalization
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	ICT and digitalisation
Marketing	BIZ students only	English	Master	Global business dynamics

Mathematics (Bachelor level) / Matematiikka	All Aalto students	Finnish or English	Bachelor	Mathematics and research methods
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
MEDes - Master of European Design	ARTS students only	English	Bachelor	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	Bachelor and 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 Management	All Aalto students	English	Master	Global business dynamics

Organizational Communication	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
People Management	All Aalto students	English	Master	Global business dynamics
Photonics and Nanotechnology	All Aalto Students	English	Master	Materials and sustainable use of natural resources
Pukusuunnittelu (fi) / Costume Design (en)	All Aalto students	Finnish or English	Bachelor and Master	Art and design knowledge building
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
Quantum Technology	All Aalto students	English	Bachelor	ICT and digitalisation
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
Sarjakuvailmaisuu	All Aalto students	Finnish and English	Bachelor	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	
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
Statistics / Tilastotiede	All Aalto students	Finnish or English	Bachelor	Mathematics and research methods
Strategic Marketing	BIZ students only	English	Master	Global business dynamics and ICT and digitalisation
Strategy	All Aalto students	English	Master	Global business dynamics
Strategy and Corporate Renewal	All Aalto students	English	Master	Global business dynamics
Supply Chain Management	All Aalto students	English	Master	Global business dynamics
Sustainability Management	All Aalto students	English	Master	Global business dynamics
Sustainable Metals Processing	All Aalto students	English	Master	Materials and sustainable use of natural resources

<a href="#">Systems and Operations Research</a>	All Aalto students	English	Master	ICT and digitalisation and Advanced energy solutions
<a href="#">Textiles - Material and Structure</a>	ARTS students only	English	Master	Art and design knowledge building
<a href="#">Urban Studies and Planning</a>	All Aalto students	English	Master	Human-centred living environments
<a href="#">USchool</a>	ARTS, SCI students	English	Master	ICT and digitalisation and Art and design knowledge building
<a href="#">Valokuvataide (fi )   Photography (en)</a>	All Aalto students	Finnish, English	Bachelor, Master	Art and design knowledge building
<a href="#">Visual Cultures, Curating and Contemporary Art</a>	All Aalto students	English	Master	Art and design knowledge building
<a href="#">World in Transition WIT</a>	All Aalto students	English	Master	Human-centred living environments  Health and wellbeing