

# CHEM students

Title	Available for	Language	Level	Theme
<a href="#">Aalto Math and Arts</a>	All Aalto students	English	Bachelor Master Doctoral	Art and design knowledge building  Mathematics and research methods
<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="#">Aaltonaut</a>	All Aalto students	English	Bachelor	Global business dynamics
<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="#">Animaatio (fi) / Animerad film (se)</a>	All Aalto students	Finnish	Bachelor  and  Master	Art and design knowledge building
<a href="#">Arkkitehtuurin historia ja teoria (fi) / Arkitekturens historia och teori (se)</a>	All Aalto students	Finnish or Swedish	Bachelor	Art and design knowledge building
<a href="#">Audiovisuaalinen kerronta ja dramaturgia</a>	All Aalto students	Finnish	Bachelor	Art and design knowledge building
<a href="#">Automaatio- ja systeemitekniikka</a>	Students at schools of technology	Finnish	Bachelor  and  Master	ICT and digitalisation
<a href="#">AVP Startup Minor</a>	All Aalto students	English	Master	Global business dynamics
<a href="#">Bioinformaatioteknologia</a>	All Aalto students	Finnish	Bachelor  and  Master	Health and wellbeing

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
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, intermediate level	All Aalto students	English and Finnish	Bachelor	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
Elektroniikka ja sähkötekniikka, 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
Energia- ja ympäristötekniikka (fi) / Energi- och miljöteknik (sv)	All Aalto students	Finnish	Bachelor	Materials and sustainable use of natural resources and Advanced energy solutions
Energiatieteet	All Aalto students	Finnish	Bachelor	Advanced energy solutions and Materials and sustainable use of natural resources
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
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
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
Geoinformatiikka	CHEM, ELEC, SCI students SIIRTYMÄSIVUAINE	Finnish	Bachelor	ICT and digitalisation and Human-centred living environments
Georakentaminen	Students at schools of technology SIIRTYMÄSIVUAINE	Finnish	Bachelor	ICT and digitalisation and Human-centred living environments
Henkilökohtainen sivuaine, vain CHEMin opiskelijoille	CHEM students only (kemiantekniikan kandidaattiohjelman pääaineopiskelijat)	Finnish	Bachelor	
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
Informaatioverkostot	All Aalto students	Finnish	Bachelor	ICT and digitalisation and Global business dynamics
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
Insinööritieteiden älykkäät järjestelmät (fi) / Intelligenta system inom ingenjörsvetenskaper (sv)	All Aalto students	Finnish	Bachelor	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
Johtaminen	All Aalto students	Finnish	Bachelor	Global business dynamics and Health and wellbeing
Kansainvälinen sivuaine, vain CHEMin opiskelijoille	CHEM students only		Bachelor and Master	Kansainväliset opinnot
Kiinteistötalous	CHEM, ELEC, SCI students SIIRTYMÄSIVUAINNE	Finnish	Bachelor	Human-centred living environments
Kone- ja rakennustekniikka (fi) / Maskin- och byggnadsteknik (sv)	All Aalto students	Finnish	Bachelor	Human-centred living environments and Materials and sustainable use of natural resources
Konetekniikka	CHEM, ELEC, SCI students SIIRTYMÄSIVUAINNE	Finnish	Bachelor	Materials and sustainable use of natural resources
Laskentatoimi	All Aalto students	Finnish	Bachelor	Global business dynamics
Leadership and Change Management	All Aalto students	English	Master	Global business dynamics and ICT and digitalization
Liiketoimintaosaamisen sivuaine (luento-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	ICT and digitalisation
Marketing	BIZ students only	English	Master	Global business dynamics
Markkinointi	All Aalto students	Finnish	Bachelor	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
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
Multidisciplinary Energy Studies	All Aalto students	English	Master	Advanced energy solutions and ICT and digitalisation
Muotoilu	All Aalto students	Finnish	Bachelor	Art and design knowledge building
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
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
Rakennettu ympäristö (fi) / Den byggda miljön (sv)	All Aalto students	Finnish	Bachelor	Human-centred living environments
Rakennussuunnittelu	All Aalto students	Finnish and English	Bachelor	Human-centred living environments
Rakennustekniikka	CHEM, ELEC, SCI students SIIRTYMÄSIVUAINNE	Finnish	Bachelor	Human-centred living environments and Advanced energy solutions
Real Estate Economics	All Aalto students	English	Master	Human-centred living environments Global business dynamics
Sarjakuvailmaisu	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 toisessa yliopistossa, vain CHEM in 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
Statistics / Tilastotiede	All Aalto students	Finnish or English	Bachelor	Mathematics and research methods
Strategy	All Aalto students	English	Master	Global business dynamics
Strategy and Corporate Renewal	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
Systeemitieteet	All Aalto students	Finnish	Bachelor	ICT and digitalisation and Advanced energy solutions
Systems and Operations Research	All Aalto students	English	Master	ICT and digitalisation and Advanced energy solutions
Teknillinen fysiikka	All Aalto students	Finnish	Bachelor	Materials and sustainable use of natural resources and Advanced energy solutions
Teollisuus ja ympäristö	Students at schools of technology	Finnish	Bachelor	Materials and sustainable use of natural resources
Tulevaisuudentutkimus	All Aalto students	Finnish	Bachelor and Master	Mathematics and research methods

Tuotantotalous	All Aalto students	Finnish	Bachelor	Global business dynamics
Urban Studies and Planning	All Aalto students	English	Master	Human-centred living environments
Valokuvataide (fi )   Photography (en)	All Aalto students	Finnish, English	Bachelor, Master	Art and design knowledge building
Valtakunnallinen liiketoimintaosaamisen sivuaine (verkko-opetus)	ARTS and schools of technology students	Finnish	Bachelor	Global business dynamics
Vesi- ja ympäristötekniikka	CHEM, ELEC, SCI students SIIRTYMÄSIVUAINE	Finnish	Bachelor	Human-centred living environments and Advanced energy solutions
Visual Cultures, Curating and Contemporary Art	All Aalto students	English	Master	Art and design knowledge building
World in Transition WiT	All Aalto students	English	Master	Human-centred living environments Health and wellbeing
Yhdyskuntasuunnittelu	All Aalto students	Finnish or Swedish	Bachelor	Human-centred living environments
Yritysjuridiikka	All Aalto students	Finnish	Bachelor	Global business dynamics
Yritysjuridiikka, syventävä sivuaine	All Aalto students	Finnish	Master	Global business dynamics