

# Curriculum 2018-2019 – Agricultural, Environmental and Resource economics

## Master program– 120 ects credits

### Advanced Studies - AGERE-300 90-120 ects credits

Common studies	Ects	year/period
AGERE-001 Introduction to the Master program in Agricultural, Environmental and Resource economics	0	I/I
AGERE-009 Mathematics for economists III	5	I/I
AGERE-030 Master´s thesis	30	II/I-IV
AGERE-020 Master´s thesis seminar	5	I-II/I-IV
VIIKM-001 Master's Maturity Test	0	II/I-IV

### Language studies

993734 Academic Writing for Students in Master's Degree Programmes 1	2	I/I-II
993735 Academic Writing for Students in Master's Degree Programmes 2 (CEFR C1),	2	I-II/III
991070 Advanced English: Feedback on Writing (CEFR C1)	1	I-II/I-IV

### AGERE-methods ≥ 15-30 ects credits

		year/period
AGERE-002 Cost-Benefit Analysis	5	I-II/III
AGERE-003 Valuation	5	I-II/II
AGERE-004 General Equilibrium Modeling	5	I-II/IV
AGERE-005 Applied Linear Programming	5	I-II/IV
AGERE-006 Advanced Microeconomics*	5	I-II
AGERE-007 Econometrics 2	5	I-II/IV
AGERE-008 Statistical data analysis	5	I-II/I, III
EKM-118 Survey methods	5	I-II/I
ECOM-G310 Microeconomics 1	5	I-II/I
ECOM-G311 Microeconomics 2	5	I-II/II
ECOM-G314 Econometrics 1	5	I-II/I
ECOM-G315 Econometrics 2	5	I-II/II
FOR-007 Statistical models: Basics in generalized linear models**	5	I-II
FOR-008 Statistical Prediction and Sampling	5	I-II /IV
FOR-009 Statistical Modelling with R	5	I-II/IV

\* ECOM-G310 Microeconomics 1 replaces course

\*\* Will not be organize in the future

### Study track studies

#### AGERE-310 Agricultural Economics - 30 ects credits

(Choose at least one AGE-module and one AGE- or ERE-module)

#### AGERE-320 Environmental and resource economics - 45 ects credits

(Choose EREI and EREII and other courses or modules 15 ects credits)

	ects	year/period
AGE I Agricultural Markets and Policy		
AGERE-A01 Price Analysis and Market Structure of the Agrifood Supply Chain I	5	I/I
AGERE-A02 Price Analysis and Market Structure of the Agrifood Supply Chain II	5	I-II/III
AGERE-A03 International Agricultural Trade and Trade Theory	5	I-II/II
AGE II Production Economics and Farm Management		
AGERE-A04 Risk Management in Agriculture	5	I-II/III
AGERE-A05 Production and Cost Theory	5	I-II/I
AGERE-A06 Theories and Application in Strategic Management	5	I-II/IV

AGE III Entrepreneurship			
EKM-113 Business Analysis of Growth-oriented Small and Medium Sized Enterprises (In Finnish)	10		I-II/IV
xxx-xxx Course in marketing or accounting	5		I-II
ERE I Environmental Economics			
AGERE-E01 Environmental economics I : Theory	5		I-II/III
AGERE-E02 Environmental Economics II: Mechanisms	5		I-II/III
AGERE-E03 Climate and Energy	5		I-II/IV
ERE II Natural Resource Economics			
AGERE-E04 Advanced Natural Resource Economics	5		I-II/IV
AGERE-E05 Introduction Dynamic Optimization	5		I-II/IV
AGERE-E06 Economics of Aquatic Resource: Numerical Models	5		I-II/IV
ERE III Climate			
AGERE-E12 International environmental agreements related to marine areas and resources	5		I-II/III
AGERE-E13 Agri-environmental Policy***	5		I-II
ATM302 Climate Now	5		I-II/II
AGERE-E07 Changing theme course in Environmental and Resource Economics	5		I-II/I
FOR-215 Mitigation of Climate Change in Forestry	5		I-II
FOR-216 Adaptation of Forestry to Climate Change	5		I-II/III
ERE IV Baltic Sea			
(Choose ESCG-014 ja ESCG-501 and ESCG-003 or ERE-212)			
ECGS-014 Diagnosis of environmental problems in aquatic ecosystems	5		I-II/III
ECGS-501 Management of environmental problems in aquatic ecosystems	5		I-II/II
ECGS-003 Governance of environmental problems of the Baltic Sea – a project course	5		I-II/IV
AGERE-E12 International Environmental Agreements related to marine areas and resources	5		I-II/III
ERE V Forest			
AGERE-E07 Changing theme course in Environmental and Resource Economics	5		I-II/I
ME-211 System analysis in forest sciences	5		I-II/I
FOR-215 Mitigation of Climate Change in Forestry	5		I-II
FOR-216 Adaptation of Forestry to Climate Change	5		I-II/III
FOR-253 Tropical Forests and Climate Change	5		I-II/IV
ME-106 Industrial management in the bio economy	5		I-II/IV
FOR-104 International Forest Policy	5		I-II/IV

\*\*\* Will not be organize in the future

#### Other studies

##### Career orientation and professional skills training

(Choose at least 5 ects credits of AGERE-025 or AGERE-015)	ects	year/period
AGERE-025 Career orientation/Internship	5-15	I-II/I-IV
AGERE-015 Career orientation/ Career-related project	5-15	I-II/I-IV
AGERE-015 Career orientation and career planning is integrated to AGERE-025 ja AGERE-015 courses	0	I-II/I-IV

#### Optional

VIIKM-002 Tutoring	2	I-II/I
VIIKM-005 Participation in Student Organization and University of Helsinki Administrative Bodies	2-5	I-II/I-IV

Studies which are freely chosen 0-35 ects credits  
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