

Curriculum 2019-2020 – 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 | 1/I |
| AGERE-009 Mathematics for economists III | 5 | 1/I |
| AGERE-030 Master's thesis | 30 | 2/I-IV |
| AGERE-020 Master's thesis seminar | 5 | 1-2/I-IV |
| VIIKM-001 Master's Maturity Test | 0 | 2/I-IV |

Language studies (Choose at least one course)

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

AGERE-methods \geq 15-30 ects credits

| | | year/period |
|---|---|-------------|
| AGERE-002 Cost-Benefit Analysis | 5 | 1-2/III* |
| AGERE-003 Valuation | 5 | 1-2/II** |
| AGERE-004 General Equilibrium Modeling | 5 | 1-2/IV** |
| AGERE-005 Applied Linear Programming | 5 | 1-2/III |
| AGERE-007 Econometrics 2 | 5 | 1-2/IV |
| AGERE-008 Statistical data analysis | 5 | 1-2/III |
| AGERE-012 Mathematics for AGERE students IV | 5 | 1-2/II |
| •Mandatory for ERE, voluntary for AGE | | |
| AGERE-010 Microeconomics for AGERE students | 5 | 1/I |
| AGERE-011 Socio-cultural valuation methods for Integrated Landscape Management | 5 | 1-2/I |
| AGERE-013 Qualitative methods in Agricultural, Environmental and Resource economics | 5 | 1-2/I |
| AGERE-A07 Changing theme course in Agricultural economics | 5 | 1-3/I-IV |
| FOR-108 Qualitative empirical research methods, approaches and research ethics | 5 | 1-2/II |
| FOR-103 Survey methods in marketing and social sciences | 5 | 1-2/III-IV |
| ECOM-G310 Microeconomics 1 | 5 | 1-2/I |
| ECOM-G311 Microeconomics 2 | 5 | 1-2/II |
| ECOM-G314 Econometrics 1 | 5 | 1-2/I |
| ECOM-G315 Econometrics 2 | 5 | 1-2/II |
| FOR-007 Statistical models: Basics in generalized linear models | 5 | 1-2 |
| FOR-008 Statistical Prediction and Sampling | 5 | 1-2/IV |
| FOR-009 Statistical Modelling with R | 5 | 1-2/IV |
| EKM-122 Ecological economics | 5 | 1-2/I |
| EKM-126 A Changing theme course in Food and Consumer economics | 5 | 1-2/IV |
| Social Network Analysis | | |

* Odd years

**Even years

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 ERE I and ERE II and other courses or modules 15 ects credits)

| | ects | year/period |
|--|------|-------------|
| AGE I Agricultural Markets and Policy | 15 | |
| AGERE-A01 Price Analysis and Market Structure of the Agrifood Supply Chain I | 5 | 1-2/I* |
| AGERE-A02 Price Analysis and Market Structure of the Agrifood Supply Chain II | 5 | 1-2/III* |
| AGERE-A03 International Agricultural Trade and Trade Theory | 5 | 1-2/II* |
| AGE II Production Economics and Farm Management | 15 | |
| AGERE-A04 Risk Management in Agriculture | 5 | 2/II |
| AGERE-A05 Production and Cost Theory | 5 | 1-2/III |
| AGERE-A06 Theories and Applications in Strategic Management | 5 | 1-2/IV |
| AGE III Entrepreneurship | 15 | |
| EKM-113 Business Analysis of Growth-oriented Small and Medium Sized Enterprises (In Finnish) | 10 | 1-2/IV* |
| xxx-xxx Course in marketing or accounting | 5 | 1-2 |
| ERE I Environmental Economics | 15 | |
| AGERE-E01 Environmental Economics I: Theory | 5 | 1-2/II |
| AGERE-E02 Environmental Economics II: Mechanisms | 5 | 1-2/III |
| AGERE-E03 Climate and Energy | 5 | 1-2/IV * |
| ERE II Natural Resource Economics | 15 | |
| AGERE-E04 Advanced Natural Resource Economics | 5 | 1-2/IV* |
| AGERE-E05 Introduction Dynamic Optimization | 5 | 1-2/IV** |
| AGERE-E06 Economics of Aquatic Resources: Numerical Models | 5 | 1-2/IV |
| ERE III Climate | 15 | |
| AGERE-E12 International environmental agreements related to marine areas and resources | 5 | 1-2/III |
| ATM302 Climate Now | 5 | 1-2/II |
| AGERE-E07 Changing theme course in Environmental and Resource Economics | 5 | 1-2/I |
| FOR-215 Mitigation of Climate Change in Forestry | 5 | 1-2/III** |
| FOR-216 Adaptation of Forestry to Climate Change | 5 | 1-2/III* |
| ERE IV Baltic Sea | 15 | |
| (Choose ECGS-014, ECGS-501 and ECGS-003 or AGERE-E12) | | |
| ECGS-014 Diagnosis of environmental problems in aquatic ecosystems | 5 | 1-2/III |
| ECGS-501 Management of environmental problems in aquatic ecosystems | 5 | 1-2/II |
| ECGS-003 Governance of environmental problems of the Baltic Sea – a project course | 5 | 1-2/IV |
| AGERE-E12 International Environmental Agreements related to marine areas and resources | 5 | 1-2/III |
| ERE V Forest | 15 | |
| AGERE-E07 Changing theme course in Environmental and Resource Economics | 5 | 1-2/I |
| ME-211 System analysis in forest sciences | 5 | 1-2/I |
| FOR-215 Mitigation of Climate Change in Forestry | 5 | 1-2/III** |
| FOR-216 Adaptation of Forestry to Climate Change | 5 | 1-2/III* |
| FOR-253 Tropical Forests and Climate Change | 5 | 1-2/IV* |
| ME-106 Industrial management in the bio economy | 5 | 1-2/IV |
| FOR-104 International Forest Policy | 5 | 1-2/IV |

* Odd years

**Even years

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 | 1-2/I-IV |
| AGERE-015 Career orientation/ Career-related project | 5-15 | 1-2/I-IV |
| AGERE-026 Leadership and organization | 5 | 1-2/II |

Optional

VIKIM-002 Tutoring

2

1-2/I

VIKIM-005 Participation in Student Organization and

2-5

1-2/I-IV

University of Helsinki Administrative Bodies

Studies which are freely chosen 0-35 ects credits