

5.2.13 FUTURES STUDIES

242211	TUTU4a Changing Futures Theme
Credits	3 ECTS cr
Person responsible	tva@tse.fi
Term	IV Summer School
Content and objectives	The FFA organizes together with Finland Futures Research Centre an annual Summer School parallel to the international conference. The theme of the Summer Course follows the topic of the Conference and the students are expected to participate in the Conference presentations and workshops. Teaching in English.
Contact hours	Summer school
Mode of assessment	242211 TUTU4a Changing Futures Theme, 3 ECTS cr: a) pre-reading material and b) active participation in exercises and lectures c) pass the assignments.
Notes	Further information: www.tvanet.fi .
242212	TUTU4b Changing Futures Theme
Credits	8 ECTS cr
Person responsible	tva@tse.fi
Term	IV Summer School
Content and objectives	The FFA organizes together with Finland Futures Research Centre an annual Summer Course parallel to the international conference. The theme of the Summer Course follows the topic of the Conference and the students are expected to participate in the Conference presentations and workshops. Teaching in English.
Contact hours	Summer school
Mode of assessment	242211 TUTU4b Changing Futures Theme, 8 ECTS cr: a) pre-reading material and b) active participation in exercises and lectures c) pass assignments d) essay, study assignment or exam
Notes	Further information: www.tvanet.fi
242214	FUTURES1 How Can We Explore the Future?
Credits	6 ECTS cr
Notes	See course FUTU1a / Futures Studies
242240	FUTU1a Introduction to Futures Studies
Credits	5 ECTS cr
Person responsible	Anita Rubin (futu@tse.fi)
Term	I
Content and objectives	This course offers the basic knowledge of futures studies. The students will learn the concepts most regularly used in futures studies and become familiar with the main theories and methods of the field.
Mode of assessment	242240 FUTU1a Introduction to Futures Studies, 5 ECTS cr. To complete the course the students have to a) actively participate in exercises at the lectures (14 h), b) do all the self study assignments, and c) pass a literature exam.
Literature	Foundations of futures studies human science for a new era, Bell, Wendell (1998), 1-56000-281-6.

242241	FUTU1b Scenario Thinking and Environmental Scanning
Credits	4 ECTS cr
Person responsible	Anita Rubin
Term	II
Content and objectives	The students will learn the basics of scenario thinking and get to know the basic methods of scenario building. They will learn how to do environmental scanning and how to evaluate weak signals and wild cards. They will also learn in practice how to make futures scenarios.
Prerequisites	FUTU1a
Mode of assessment	242241 FUTU1b Scenario Thinking and Environmental Scanning, 4 ECTS cr. To complete the course the students have to a) lectures (8 h), actively participate in a local study group and exercises, b) participate in writing the group report.
243203	FuturesS3a A Case Study of Futures Research Methods
Credits	3 ECTS cr
Person responsible	tva@tse.fi
Term	IV
Content and objectives	The aim of the course is to give students a deeper understanding of the rhetorics of futures studies relating to various methodological approaches. The idea is to study one or few methods in depth and also to learn how to design scientific inquiry and to argue for methodological choices. The aim is to deepen and broaden the student's concept of method-based and methodological scientific discussion.
Prerequisites	TUTU2
Contact hours	Assignments in Moodle and intensive contact days. In English.
Mode of assessment	243203 TUTU3a Futures Research in Practice, 3 cr. Active participation and exercises.
243210	FuturesS3b A Case Study of Futures Research Methods
Credits	8 ECTS cr
Person responsible	tva@tse.fi
Term	IV
Content and objectives	The aim of the course is to give students a deeper understanding of the rhetorics of futures studies relating to various methodological approaches. The idea is to study one or few methods in depth and also to learn how to design scientific inquiry and to argue for methodological choices. The aim is to deepen and broaden the student's concept of method-based and methodological scientific discussion.
Prerequisites	TUTU2
Contact hours	Assignments in Moodle and intensive contact days. In English.
Mode of assessment	243203 TUTU3b Futures Research in Practice, 8 ECTS cr. Active participation, exercises and report.

243242	FUTUS2a Sustainable Futures: Environment, Culture, Society, Economy
Credits	3 ECTS cr
Person responsible	Piia Nurmi (futu@tse.fi)
Term	III
Content and objectives	The students get acquainted with the concept of sustainability, especially with how this concept can be utilised in the development of the environment, culture, society, and economy in light of energy, climate, technological innovations, and population growth.
Mode of assessment	243242 FUTUS2a Environment, Culture, Society, Economy, 3 ECTS cr. To complete the course the students have to a) actively participate in the lectures (18 h) b) do a report based on the lectures and given materials.
243243	FUTUS2b Sustainable Futures: The Future of the Globalising World
Credits	3 ECTS cr
Person responsible	Jyrki Luukkanen (futu@tse.fi)
Term	IV
Content and objectives	The students will learn how to study and evaluate the effects of globalisation (networking, economy and the developing information technology, etc.) on the future of the developing countries, with South Africa, the Mekong region etc. as practical examples.
Literature	Collection of articles.
Mode of assessment	243243 FUTUS2b The Future of the Globalising World, 3 ECTS cr. To complete the course the students have to a) actively participate in exercises at the lectures (14h), b) pass the exam.
243244	FUTUS3 Values, Ethics and the History of Futures Studies
Credits	3 ECTS cr
Person responsible	Please contact futu@tse.fi for course details.
Content and objectives	The students will learn the history of futures studies and become familiar with theory formation value research and the different theories and ways of value thinking in futures studies. They will also become familiar with the ethical foundations of futures studies and learn about the ethical and moral standards and challenges of futures work.
Literature	Collection of articles.
Mode of assessment	Individual assignment. 243244 FUTUS3 Values, Ethics and the History of Futures Studies, 3 ECTS cr.
243245	FUTUS4 Visionary Leadership
Credits	3 ECTS cr
Person responsible	Please contact futu@tse.fi for course details.
Content and objectives	The students will learn connect the methods of futures studies in practice with visionary thinking and strategy working. The focus of the module is on practical and futures-oriented field exercises carried out in firms.
Prerequisites	FUTU1a,b

Mode of assessment Individual assignment.
243245 FUTUS4 Visionary Leadership, 3 ECTS cr.

243246 FUTUS5a Futures Argumentation
Credits 3 ECTS cr
Person responsible Please contact futu@tse.fi for course details.
Term IV
Content and objectives The students will learn how to argue in a scientific manner and how to assess scientific argumentation, as well as how to evaluate research. They will also learn to use the multidisciplinary point of view in research and take advantage of inter-, trans- and multidisciplinary research methods and viewpoints.
Prerequisites FUTU1a+b, FUTUS6
Mode of assessment Assignments on Moodle and intensive contact days.
243246 FUTUS5a Futures Argumentation, 3 ECTS cr.

243247 FUTUS5b Scientific Writing in Futures Studies
Credits 5 ECTS cr
Person responsible Please contact futu@tse.fi for course details.
Term IV
Content and objectives The students will learn how to argue in a scientific manner and how to assess scientific argumentation, as well as how to evaluate research. They will also learn to use the multidisciplinary point of view in research and take advantage of inter-, trans- and multidisciplinary research methods and viewpoints. The students will learn to write a scientific article in futures studies. The students will also act as opponents and evaluate each other's texts.
Prerequisites FUTU1a+b, FUTUS6, FUTUS5a
Mode of assessment Group or individual work on Moodle and intensive contact days.
243247 FUTUS5b Scientific Writing in Futures Studies, 5 ECTS cr.

243248 FUTUS6 Methods in Practice: Delphi and the CLA
Credits 7 ECTS cr
Person responsible Please contact futu@tse.fi for course details.
Content and objectives The students will learn how to carry out a multi-disciplinary study on a specific social problem from a futures studies point of view. The aim is to make the students familiar with the possibility of connecting various futures studies methods and theoretical thinking in order to create a comprehensive view on the study problem at hand.
Prerequisites FUTUS5
Literature Collection of articles.
Mode of assessment Individual assignment. 243248 Methods in Practice: Delphi and the CLA, 7 ECTS cr.

243249 FUTUS7 Systems Thinking in Futures Studies
Credits 2 ECTS cr
Person responsible Please contact futu@tse.fi for course details.

Content and objectives	The students will learn to understand complexity and the systemic structure of dynamic and complex wholes, their operation, the flows of information, energy and material between them, and their mutual relations. In addition to that, the students will learn to recognize the nature of different wholes from a systemic point of view. The different ways and methodologies of systems thinking (i.e. so called hard and soft systems methodologies, evolutionary systems thinking) will be introduced.
Prerequisites	FUTU1a,b
Mode of assessment	Individual assignment. 243249 FUTUS7 Systems Thinking in Futures Studies. 2 ECTS cr. To complete the course the students have to complete the individual assignments.

243250	FUTUS8 Foresight Thinking
Credits	3 ECTS cr
Person responsible	Please contact futu@tse.fi for course details.
Content and objectives	The students will learn the basic ideas of foresight thinking.
Prerequisites	FUTU1a,b
Literature	Collection of articles.
Mode of assessment	Literary exam. 243250 FUTU8 Foresight Thinking. 3 ECTS cr.

243251	FUTUS9 Statistical Foresight Methods
Credits	3 ECTS cr
Person responsible	Please contact futu@tse.fi for course details.
Content and objectives	The student will learn about trend analysis, qualitative & quantitative methods, time series etc. mega trends, cycles.
Prerequisites	FUTUS6 or statistical basic studies such as TKMY2, TKM2, TKM8.
Literature	Collection of articles
Mode of assessment	Literary exam. 243251 FUTUS9 Statistical Foresight Methods. 3 ECTS cr.

243252	FUTUS10 Regional Foresight
Credits	6 ECTS cr
Term	Not offered 2009–2010.
Notes	Please contact futu@tse.fi for course details.

243253	FUTUS11 Culture as a Resource for Creative Knowledge Capital
Credits	3 ECTS cr
Term	Not offered 2009–2010
Notes	Please contact futu@tse.fi for course details.

243014	FUTUS13/TSS1 Theory of Economic Sociology
Notes	See course TSS1 / Economic Sociology

243800	FUTUPG Master's Thesis
Credits	30 ECTS cr
Term	AT/ST
Content and objectives	The Master's thesis is a mandatory requirement for the Degree on Master of Science in Economics and Business Administration. The aim of the period of study dedicated to the thesis process is to provide the student with the necessary tools for locating scientific information and applying it in order to find a solution to a research problem. Before starting the Master's thesis, the student must have completed at least 30 ECTS credits studies in their major subject (this can include the Bachelor's thesis). At its best, the Master's thesis is a productive and advanced study in the problematic of a specific subject matter, including a futures-oriented research question, theoretical point of view and method.
Literature	The course on Information literacy arranged by Library and Information Services is a mandatory element of the Master's thesis writing process.
Mode of assessment	243800 FUTUPG Master's Thesis, 30 ECTS cr.
Notes	Registration for the thesis seminar group is mandatory. Students register for a group using the WebOodi during the term preceding the start of the thesis work process.
245272	TUTUJ2/TSJ12 Sociological Research Paper
Notes	See course TSJ12 / Economic Sosiology
245273	TUTUJ3/TSJ21 Historical Development of Sociology
Notes	See course TSJ21 / Economic Sosiology
245274	TUTUJ4/TSJ22 Sociological Classic
Notes	See course TSJ22 / Economic Sosiology
245275	TUTUJ5/TSJ31-35 Sociology, Literature
Notes	See course TSJ31-35 / Economic Sosiology
245279	TUTUJ9/TSJ11 Methodological and Theoretical Perspectives
Notes	See course TSJ11 / Economic Sosiology