

## Multifunctional Agriculture

### 1. year - winter semester

Name of study subject	Dept.	Abbr.	Teacher	Credits	Lessons lectures/exercises
<b>A - compulsory subjects (Biological base of agriculture)</b>					
Biological Principles of Agriculture	KAES	BPA	Ing. J. Bernas, Ph.D.	5	2/1
Agrometeorology	KKM	AM	doc. Ing. P. Ondr, CSc.	5	2/1
Biology of Animal Husbandry	KSPR	BAH	prof. Ing. J. Čítek, CSc.	5	2/1
Agrotechnology	KAES	AT	Ing. M. Kopecký, Ph.D.	5	2/1
<b>B - compulsory elective courses</b>					
Plant Physiology	KBD	PP	prof. RNDr. H. Čížková, CSc., Ing. K. Suchý, PhD.	5	2/1
Biological Monitoring of Environmental Changes	KAES	BMEC	doc. Ing. J. Brom, Ph.D.	4	2/1
Horse Riding	KZVE	HR	Ing. J. Zedníková, Ph.D.	3	2/0
Principles of Scientific Work	KBD	PSW	prof. RNDr. H. Čížková, CSc., doc. RNDr. I. Šetlíková, Ph.D.	3	2/0

### 1. year - summer semester

Name of study subject	Dept.	Abbr.	Teacher	Credits	Lessons lectures/exercises
<b>A - compulsory subjects (Conventional farming)</b>					
Farm Animal Husbandry	KZVE	FAH	Ing. Ing. J. Beran, Ph.D.	5	2/2
Plant Production	KSPR	PP	doc. J. Bárta, Ph.D.	5	2/2
Horticulture	KSPR	HC	prof. Ing. V. Čurn, Ph.D.	5	2/1
Freshwater Fishery	VURH	FF	Ing. V. Kašpar, Ph.D.	5	2/1
Professional Practice	KZVE	PP	Ing. D. Jirotková, Ph.D.	4	4 weeks
<b>B - compulsory elective courses</b>					
Integrated Plant Protection	KSPR	PP	Ing. A Bohatá, Ph.D.	5	2/1
Plant Biotechnology	KSPR	PBT	prof. Ing. V. Čurn, Ph.D.	5	2/1
Animal Biotechnology	KZVE	ABT	prof. Ing. J. Čítek, CSc.	5	2/1
Animal Hygiene and Welfare	KZVE	AHW	prof. Ing. M. Šoch, CSc.	5	2/2

## 2. year - winter semester

Name of study subject	Dept.	Abbr.	Teacher	Credits	Lessons lectures/exercises
<b>A - compulsory subjects (Organic farming)</b>					
Multifunctional Agriculture	KAES	MA	prof. Ing. J. Moudrý, CSc.	5	2/1
Planning for Sustainability in Agricultural Development	KAES	PSAD	doc. Ing. J. Moudrý Ph.D.	5	2/2
Organic Plant Production	KAES	OPP	doc. Ing. P. Konvalina, Ph.D.	5	2/1
Animal Husbandry in Organic Farming	KZVE	AHOP	prof. Ing. M. Šoch, CSc.	5	2/1
Thesis 1	KAES	DT1		6	60 pages
<b>B - compulsory elective courses</b>					
Quality and Processing of Bioproduction	KAES	QPB	doc. Ing. P. Konvalina, Ph.D. doc. Ing. J. Moudrý, Ph.D.	5	2/1
Social Farming	KAES	SF	doc. Ing. J. Moudrý, Ph.D.	5	2/1
Agrotourism	KKM	AT	doc. Dr. Ing. D. Škodová Parmová	3	2/0

## 2. year - summer semester

Name of study subject	Dept.	Abbr.	Teacher	Credits	Lessons lectures/exercises
<b>A - compulsory subjects (Landscape management)</b>					
Landscape Planning	KKM	LP	doc. Ing. P. Ondr, CSc.	5	2/1
Regional Management	KBD	RM	doc. RNDr. J. Navrátil, Ph.D.	5	2/0
Ecosystem Services	KAES	ES	Ing. J. Bernas, Ph.D.	5	2/1
Use and Protection of Water Resources	KKM	UPWR	prof. Ing. T. Kvítek, CSc., Ing. J. Moravcová, PhD.	5	2/1
Thesis 2	KAES	DT2		10	90 pages
<b>B - compulsory elective courses</b>					
Hydrology	KKM	HYD	prof. Ing. T. Kvítek, CSc.	5	2/1
Wetland Ecology	KBD	WE	prof. RNDr. H. Čížková, CSc.	5	2/1
Soil Erosion Protection	KKM	SEP	doc. Ing. P. Ondr, CSc.	5	2/1

In each semester – the student must obtain at least 20 credits.

For the entire period of study – student must obtain at least 120 credits.