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## L-25 - AGRICULTURAL ENGINEERING SCIENCES AGROINGEGNERIA

<b>1<sup>st</sup> YEAR</b>	<b>credits</b>
General and Inorganic Chemistry	6
Computer Science	3
European Union Language	3
Mathematics	6
Elements of Economics and Statistics – integrated course	
- Elements of Economics	6
- Elements of Statistics	3
Plant biology – integrated course	
- Systematic Botany	3
- Plant Morphology and Physiology	6
Organic Chemistry	6
Physics	6
<b>2<sup>nd</sup> YEAR</b>	<b>credits</b>
Agricultural Economics and Policy	6
Agronomy and Elements of Genetic – integrated course	
- Agronomy	6
- Elements of Genetics	3
Zootechnical Systems I – integrated course	
- Animal Productions I	6
- General Zootechnics	3
Agricultural Chemistry and Microbiology – integrated course	
- Agricultural Chemistry	6
- Elements of Agricultural Microbiology	3
Pedology	6
Tree Farming	6
Topography and Rural Buildings – integrated course	
- Rural Buildings	6
- Topography and Cartography	5
Principles of Hydraulics and Hydrology – integrated course	
- Agricultural and Technical Hydrology	6
- Principles of Hydraulics	6
Elective Educational Activities	12
<b>3<sup>rd</sup> YEAR</b>	<b>credits</b>
Land Valuation	6
Elements of Agricultural Entomology and Plant Pathology – integrated course	
- Elements of Agricultural Entomology and Zoology	6
- Elements of Plant Pathology	6
Mechanics and Mechanisation	6
Principles of Irrigation and Drainage	6
Crop Science and Horti-Flower Productions - integrated course	
- Crop Science	6
- Horti-Flower Productions	6
Professional Practice	5
Final Examination	5

## L-25 – AGRICULTURAL SCIENCES SCIENZE E TECNOLOGIE AGRARIE

<b>1<sup>st</sup> YEAR</b>	<b>credits</b>
General and Inorganic Chemistry	6
Computer Science	3
European Union Language	3
Elements of Agricultural Economics and Policy	9
Mathematics and Statistics – integrated course	
- Elements of Statistics	3
- Mathematics	6
Animal Biology – integrated course	
- Elements of Genetics	3
- Zoology	6
Plant Biology – integrated course	
- Systematic Botany	3
- Plant Morphology and Physiology	6
Organic Chemistry	6
Physics	6
<b>2<sup>nd</sup> YEAR</b>	<b>credits</b>
Agricultural Mechanics and Mechanisation	6
Anatomy and Physiology of Pets and Zootechnics – Integrated course	
- Anatomy and Physiology of Pets	6
- Zootechnics	6
Agricultural Biochemistry and Soil Chemistry	9
Tree Farming – integrated course	
- Elements of Tree Farming	6
- Special Tree Framing	6
Agricultural Hydraulics	6
Biology of Microorganisms	6
Agronomy and Pedology – integrated course	
- General Agronomy	6
- Elements of Pedology	3
Elective Educational Activities	12
<b>3<sup>rd</sup> YEAR</b>	<b>credits</b>
Land Economics and Valuation	9
Agricultural Industry	6
Entomology and Pathology – integrated course	
- Agricultural Entomology	6
- Plant Pathology	6
Horticulture and Floriculture	6
Herbaceous Crops	6
Professional Practice	4
Final Examination	5

**L-25 – ENVIRONMENTAL AND FORESTRY SCIENCES  
SCIENZE FORESTALI ED AMBIENTALI**

<b>1<sup>st</sup> YEAR</b>	<b>credits</b>
General and Inorganic Chemistry	6
Computer Science	3
European Union Language	3
Mathematics	6
Elements of Economics and Statistics – integrated course	
- Elements of Economics	6
- Elements of Statistics	3
Animal biology – integrated course	
- Elements of Genetics	3
- Zoology	6
Plant Biology – integrated course	
- Plant Morphology and Physiology	6
- Systematic Botany	3
Organic Chemistry	6
Physics	6
<b>2<sup>nd</sup> YEAR</b>	<b>credits</b>
Elements of Hydraulics and Hydrology	6
Ecology of Forest Environments – integrated course	
- Ecology of Microorganisms	6
- Forest Ecology	6
Forest Botany and Mycology	6
Forest Entomology and Pathology – integrated course	
- Forest Pathology	6
- Forest Entomology	6
Forest and Environment Economics and Policy	6
Soil Science – integrated course	
- Forest Pedology	6
- Soil Chemistry	6
Sylviculture and Tree Farming – integrated course	
- Sylviculture and Dendrology	6
- Principles of Tree Farming	6
Elective Educational Activities	12
<b>3<sup>rd</sup> YEAR</b>	<b>credits</b>
Forest Valuation	6
Forest Mechanisation and Ergonomics	6
Dendrometry and Forest Settlement	8
Mountain Agriculture – integrated course	
- Mountain Zootechnics	3
- Principles of Agronomy and Herbaceous Crops	6
River Basin Management	6
Professional Practice	5
Final Examination	5

**L-25 – VITICULTURE AND OENOLOGY (MARSALA)**  
**VITICOLTURA ED ENOLOGIA**

<b>1<sup>st</sup> YEAR</b>	<b>credits</b>
General and Inorganic Chemistry	6
Chemistry Laboratory	3
European Union Language	3
Mathematics	6
Elements of Economics and Statistics – integrated course	
- Elements of Statistics	3
- Elements of Economics	6
Plant Biology – integrated course	
- Plant Morphology and Physiology	6
- Systematic Botany	3
Organic Chemistry	6
Physics	6
Computer Science	3
<b>2<sup>nd</sup> YEAR</b>	<b>credits</b>
General Tree Farming	6
Agronomy and Elements of Genetics – integrated course	
- Agronomy	6
- Elements of Genetics	3
Biological Processes	6
Soil-plant System Science – integrated course	
- Elements of Pedology	3
- Agricultural Chemistry	9
Oenological Microbiology	9
Viticultural Science and Technique – integrated course	
- Vineyard Management	6
- Viticultural Plants	6
Viticultural Economics and Policy	6
<b>3<sup>rd</sup> YEAR</b>	<b>credits</b>
Irrigation Systems in Viticulture	6
Oenological Processes and Special Vinifications	9
Instrumental Analysis	6
Viticultural Entomology and Acarology	6
Viticultural Pathology	6
Viticultural Mechanisation and Oenological Plants	10
Elective Educational Activities	12
Professional Practice	9
Final Examination	5