

## Management of preserving and storing agricultural products (III-rd. year of course - IEA, Semester VI)

**Credit value (ECTS) 4**

### Course category

Domain (Imposed)

### Course holder:

Assoc. Prof. PhD. George Ungureanu

### Discipline objectives (course and practical works)

The course aims to improve the processing, processing, preservation and marketing of agricultural and fishery products, as well as knowledge of production types is that it determines the methods of planning, technical preparation of production, evidence and control, forms of production organization and work.

The general objectives of this measure are to make the processing and marketing of agricultural and fishery products profitable, to increase the competitiveness and added value of products on the market and to create jobs. Production management is the first field in industrial management that has acquired a scientific character.

Processing and conservation management emerged as a result of the requirements of modern business organization imposed new investigations in market research, adoption of optimal programming methods, use of automation, results of microelectronics, automation and agri-food informatics, operational research, and in general of the latest achievements of the technical-scientific revolution.

### Contents (syllabus)

Course (chapters/subchapters)
The enterprise component of a system of production,
The structural organization of a system of production;
Methods and techniques of study and analysis of production processes and organization;
Engineering and management processing of agricultural products;
Quality food and industrial services,
Upgrading of economic structure,
Preservation and processing capacity of an industrial company,
Risks in technology development,
Interpretation cyber activity conservation and processing
The basic component of a production system,
Basic concepts of agri-food production management
Plant production processing management
Malt and beer production management
Management of oilseed raw materials processing
Management of edible vegetable oils processing
Management of sugar beet processing
Fruit and vegetable processing management
Grape processing management
Management of animal production processing
Conservation and capitalization of agricultural production
Optimization of costs and transport route for agricultural products
The financial management of the company

<b>Practicum</b>
Modern methods of production optimization
PERT method
Method Just in Time
CPM method
Practical applications in modeling Liner I
Optimizing agricultural production
Practical applications in modeling Liner II
Practical applications with dynamic linear program
Case studies: partial budget method holdings
Case studies: method of the overall holdings
Methods of financial analysis firm.
Monte Carlo simulation of economic processes
Financial loss or gain forecast by Met. decision tree
Structural organization of supply subsystem

## References

1. **Ungureanu G.**, Management. Editura TipoMoldova. 2009. ISBN 978 973 8432 91 8
2. **Ungureanu G.**, Management. Editura Terra Nostra. 2008. ISBN 978 973 8432 91 8.
3. **Ungureanu G.**, Managementul procesarii si conservarii productiei. Editura Alfa. 2008. ISBN (10) 973 8953 53 7
4. Ciurea I, Brezuleanu S, **Ungureanu G.**, Management, Editura "Ion Ionescu de la Brad", 2005; ISBN : 973 7921 59 3
5. **Ungureanu G.**, Mateoc Nicoleta. Dezvoltarea regionala si rurala. Editura TipoMoldova. 2009. ISBN 978 973 8432 91 8
6. Mateoc Nicoleta. **Ungureanu G.**, Dezvoltarea regionala si rurala. Editura Mirton. Timisoara. 2009. ISBN : 978-973-52-0764-

## Evaluation

<b>Evaluation form</b>	<b>Evaluation Methods</b>	<b>Percentage of the final grade</b>
Exam	Oral examination	60%
Appreciation of the activity during the semester	Oral assessment during the semester, verification tests and final laboratory colloquium.	40%

## Contact person

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