

Transilvania University of Braşov, Romania

Study program: Agricultural and Food Eco-Biotechnologies

Faculty: Food and Tourism
 Study period: 2 years (Master);
 Academic year structure: 2 semesters (14 weeks per semester)
 Examination sessions (two): winter session (January/February)
 summer session (June/July)

1st Year

| No. Crt. | Course | 1 st Semester | | | | | | 2 nd Semester | | | | | |
|----------------------------------|--|-----------------------------------|---|---|---|-----|------|--------------------------|---|---|---|-----|------|
| | | C | S | L | P | Ver | Cred | C | S | L | P | Ver | Cred |
| 1 | Regulations and European Rural Policy | 1 | 1 | | | E1 | 5 | | | | | | |
| 2 | Equipment for Advanced Processing of Foods of Vegetal Origin | 2 | | 2 | | E1 | 5 | | | | | | |
| 3 | Equipment for Advanced Processing of Foods of Animal Origin | 2 | | 2 | | E1 | 5 | | | | | | |
| 4 | Modern equipment for milling and bakery | 2 | | 2 | | E1 | 5 | | | | | | |
| 5 | Construction and rural infrastructure | 1 | 1 | | | C1 | 4 | | | | | | |
| 6. | Ethics and Academic Integrity | 1 | | | | C1 | 1 | | | | | | |
| 7. | Professional Work Placement I | 10 | | | | C1 | 5 | | | | | | |
| Total ore discipline obligatorii | | 9 | 2 | 6 | 0 | | | | | | | | |
| | | [17(C/A=9/8)+10] x14 săptămâni | | | | | 30 | | | | | | |

| Nr. crt. | Optional courses | 1 st Semester | | | | | | 2 nd Semester | | | | | |
|----------------------------------|--|-----------------------------------|---|---|---|------|-------|--------------------------|---|---|----|------|-------|
| | | C | S | L | P | Ver. | Cred. | C | S | L | P | Ver. | Cred. |
| 8. | Gears and Modern Equipment for Agriculture | | | | | | | 2 | | 1 | 1 | E2 | 5 |
| 9. | Modern Equipment and Machinery for Local Administration | | | | | | | 2 | | 2 | | E2 | 5 |
| 10. | Modern Methods of Conditioning, Packaging and Labeling of Agricultural Products and Food | | | | | | | 2 | | 1 | 1 | E2 | 5 |
| 11. | Internal Transport in Agri-Food Units | | | | | | | 1 | | 1 | | C2 | 5 |
| 12. | Enviromental Safety in Agriculture and Agrifood Units | | | | | | | 1 | | 1 | | C2 | 5 |
| 13. | Practical Work Placement II | | | | | | | 12 | | | C2 | 5 | |
| Total ore discipline obligatorii | | | | | | | | 8 | | 6 | 2 | | |
| | | [16(C/A=8/8)+12] x14 săptămâni | | | | | 30 | | | | | | |

2nd Year

| Nr. crt. | Optional courses | 3 rd Semester | | | | | | 4 th Semester | | | | | |
|---|--|-------------------------------------|---|---|---|------|-------|---------------------------------------|--------------|---|---|------|-------|
| | | C | S | L | P | Ver. | Cred. | C | S | L | P | Ver. | Cred. |
| 14. | Agri-Food Quality Management | 2 | | 2 | | E3 | 4 | | | | | | |
| 15. | Advanced Experimental Analysis of Agricultural and Food Products Characteristics | 2 | | 2 | | E3 | 4 | | | | | | |
| 16. | Energy Optimization for Enterprises and Processes in Agriculture and Food Industry | 2 | | 2 | | E3 | 5 | | | | | | |
| 17. | Modern Systems and Equipment of Fermentation Industry | 2 | | 1 | 1 | E3 | 4 | | | | | | |
| 18. | Hygienic Design in Food Industry Quality of the Agri-Food Processing Equipment | 2 | 2 | | | E3 | 5 | | | | | | |
| 19. | Waste Management | 2 | 2 | | | E3 | 4 | | | | | | |
| | Ecology and Ecological Methods | | | | | | | | | | | | |
| 20. | Professional Work Placement III | 4 | | | | C3 | 4 | | | | | | |
| Total ore discipline obligatorii | | 12 | 4 | 7 | 1 | | | | | | | | |
| | | [24(C/A=12/12)+4]]x14 săptămâni | | | | | | 30 | | | | | |
| | | | | | | | | | | | | | |
| Nr. crt. | Optional courses | 3 rd Semester | | | | | | 4 th Semester | | | | | |
| | | C | S | L | P | Ver. | Cred. | C | S | L | P | Ver. | Cred. |
| 21. | Professional Work Placement IV | | | | | | | 4 ore x14 saptamani = 56 ore | | | | C4 | 10 |
| 22. | Work Placement and/or Scientific Research and of Dissertation Elaboration | | | | | | | 12 ore x 14 săptămâni = 168 ore | | | | C4 | 10 |
| 23. | Dissertation Preparation | | | | | | | 16 ore x 4 săptămâni = 64 ore | | | | E4 | 10 |
| Total ore opționale pe săptămână | | | | | | | | | | | | | |
| | | | | | | | | | 16(C/A=0/16) | | | | |