

UNIVERSITY OF AGRICULTURAL SCIENCES AND
 VETERINARY MEDICINE CLUJ-NAPOCA
 FACULTY OF ANIMAL SCIENCE AND BIOTECHNOLOGIES
 APPLIED BIOTECHNOLOGIES
 COD 0311

STUDY PLAN
Study year: 2 (2025/2026)

I. Compulsatory courses

| Nr. | Courses | Formative category | Cod | Semester 1 (14 weeks) | | | | | | | Semester 2 (12 weeks) | | | | | | | | |
|----------------------------------|--|--------------------|------------|-----------------------|---|---|---|----|----|----|-----------------------|------|------|------|-----|----|---|--|--|
| | | | | hours/week | | | | | | | hours/weeks | | | | | | | | |
| | | | | C | S | L | P | Cr | FV | FV | C | S | L | P | Cr. | FV | | | |
| 1 | Principles and isolation techniques of metabolites from natural matrices | DA | 0311020101 | 2 | 2 | 2 | 2 | 8 | 8 | E | | | | | | | | | |
| 2 | Cell and tissue engineering | DCA | 0311020102 | 2 | 2 | 2 | 2 | 8 | 8 | E | | | | | | | | | |
| 3 | Biotechnology application in entomology | DA | 0311020103 | 2 | 2 | 2 | 2 | 8 | 8 | E | | | | | | | | | |
| 4 | Applied bioeconomy and entrepreneurship | DPC | 0311020104 | 1 | 1 | 1 | 1 | 6 | 6 | E | | | | | | | | | |
| 5 | Biotechnology of fermentative products | DA | 0311020105 | | | | | | | | 2 | 2 | 2 | 2 | 6 | 6 | E | | |
| 6 | Biomaterials-practical application | DCA | 0311020106 | | | | | | | | 2 | 2 | 2 | 2 | 7 | 7 | E | | |
| 7 | Biodynamics of natural pigments | DA | 0311020107 | | | | | | | | 2 | 2 | 2 | 2 | 6 | 6 | E | | |
| 8 | Scientific research | DCA | 0311020108 | | | | | | | | 48 h | 48 h | 48 h | 48 h | 6 | 6 | V | | |
| 9 | Elaboration of the dissertation project | | 0311020109 | 7 | 1 | 6 | 0 | 14 | 30 | 4E | | | | | 5 | 5 | V | | |
| <i>Total: hours/credits/week</i> | | | | 14 | | | | | | | 30 | | | | | | | | |
| <i>Total: hours/credits/year</i> | | | | 108 h | | | | | | | 30 | | | | | | | | |
| II. Dissertation exam | | | | | | | | | | | | | | | | | | | |
| Dissertation exam promovation | | | | | | | | | | | 10 | | | | | | | | |

DEAN,
 Prof. Daniel S. DEZMIREAN PhD

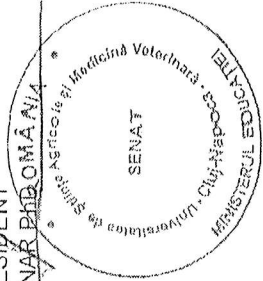
VICE RECTOR
 Prof. Ioana POP PhD

PROGRAM COORDINATOR
 Prof. Andrea BUNEA PhD



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SENATE PRESIDENT
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Handwritten signature of Prof. Andrea Bunea.