

SPECIALIZED DIDACTICS (2nd year, 2nd semester)

Credit value (ECTS) 5

Course category

Optional

Course holder:

PhD, Assoc. Prof. Carmen Olguța BREZULEANU

Discipline objectives (course and practical works)

The course is aimed at students who prepare for the teaching career, trying to get acquainted with: methods and processes of teaching, forms of organization specific to the domain and the resources of teaching technology, learning models in 3D system, educational coaching strategies in the cross-curricular approach, methods and assessment tools, compliance requirements and curriculum for specialized education.

During the seminars we seek to form skills on: the methods of teaching and learning in simulation of theoretical and practical lesson sequences, designing specific types of lessons, developing assessment tests with multiple items for specialized disciplines. They are designed as a necessary motivating teamwork both for theoretical and especially practical lessons that take place in specialized laboratories, farm school, or various economic partners.

Contents (syllabus)

Course (chapters/subchapters)

The importance of didactics in teaching specialized agronomic disciplines: clarification of terminology; scope; pedagogical skills, didactics, pedagogical tact; creative conduct and skills of the teacher of agronomic speciality.
Curriculum for agronomic education: curriculum documents regulating the agronomic education process; application methodology of curriculum to the agronomic subjects; achieving calendar planning, design a specialized teaching unit; the modular organization of agricultural education
Strategies and teaching methods used in teaching-learning agronomic disciplines: teaching strategies - conceptual approach; Teaching method - definition, classification, presentation; Exhibition methods; Conversation methods; exploration methods; computer training; methods based on action; content organized training for teaching agronomic disciplines;
Educational technology resources specific to the agronomic educational process: the forms of student work to specialized agronomic lessons; availability of time for training; the material resources of agricultural education process; specialized laboratory; organization of student groups for school and teaching field; organizing collections species and animal breeds; school workshops; farm-school; use of 3D in teaching and learning, cross-curricular approach to teaching approach to U.S.A.M.V. Iași.
Practical aspects of teaching planning in agronomic higher education: designing specialized agronomic lessons; application of developed teaching project; educational projects for specialized teaching lessons.
Lesson - the main form of organization of educational process in agronomic education: organization of agronomic education classes and lessons; specialized agronomic lessons; objectives and general requirements of its organization; specific types of lessons for specialized agronomic education (teaching and learning (mixed); communication; review and systematization, verification and evaluation (assessment) skills training, skills and habits (laboratory).
Methods, techniques and evaluation tools: issues evaluation in agronomic education; general and specific evaluation functions; types and assessment tools.
Educational-coaching strategy used in the initial training of agronomy students: educational coaching – introductive notions; presentation of the implementation process of educational coaching; LASER process of educational coaching; application of type coaching strategies in initial training of USAMV students.

Seminar
Selection of textbooks for compulsory education
Practical applications on the operationalization of educational objectives
CDS for compulsory education
Integrating technical means in teaching and learning. Practical application
Modernizing teaching and learning strategies
Designing different types and variations lessons: mixed lesson, teaching lesson, review lesson, laboratory lesson, teaching visit.
Annexes of the teaching project: worksheet, documentation chart, observation sheet
Design of evaluation tests with application for the technical education
Teaching portfolio presentation

Bibliography

1. Brezuleanu Carmen Olguța- Didactica specialității disciplinelor agronomice, Editura” Ion Ionescu de la Brad”, Iași, 2016.
2. Cerghit I., 2006 – Metode de învățământ, Ediția a IV-a revăzută și adăugită, Editura Polirom, Iași.

Evaluation

Evaluation form	Evaluation Methods	Percentage of the final grade
Exam	Oral examination	60%
Appreciation of the activity during the semester	Oral assessment during the semester, verification tests; colloquium.	40%

Contact

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