

Course Catalogue

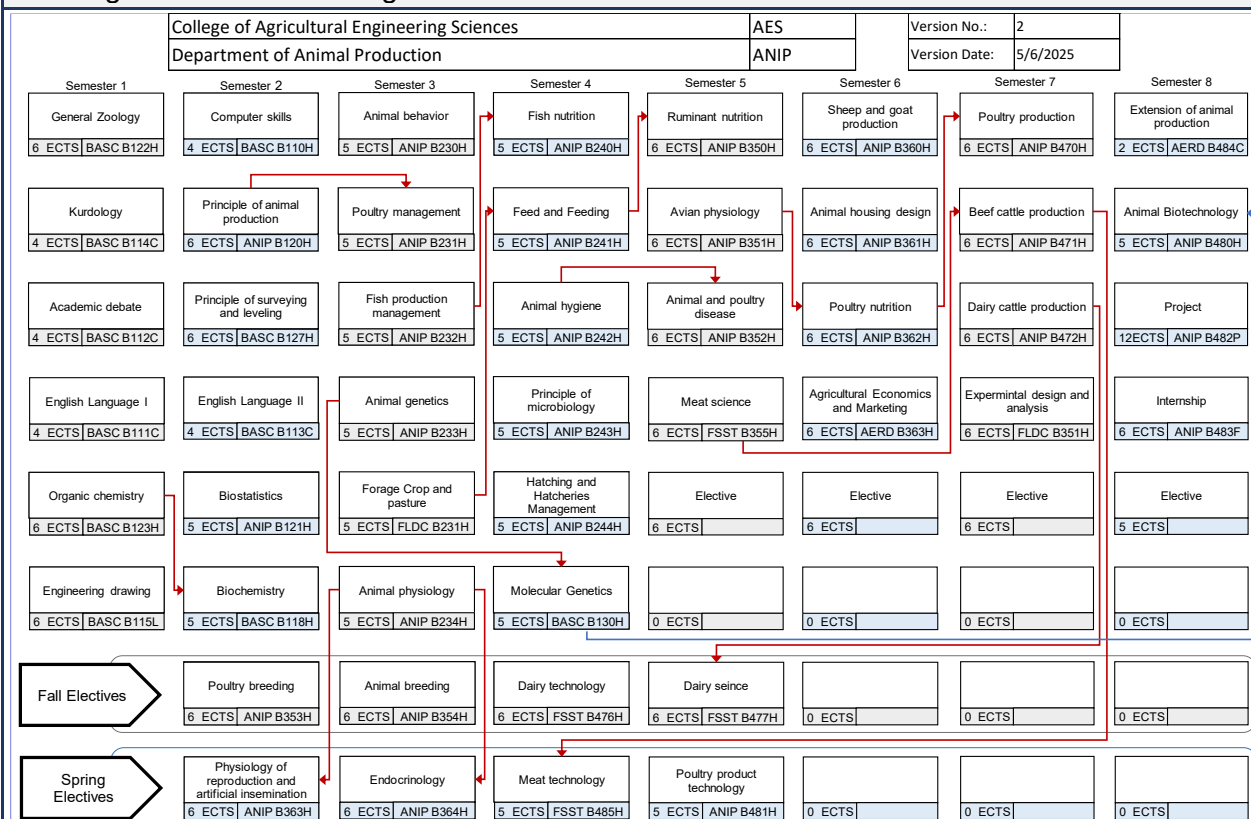
College Name
Agricultural Engineering sciences
Department Name (in English)
Animal production
Department Name (in Kurdish)
به رهه مێ گيانه وههري
Department Name (in Arabic)
الانتاج الحيواني
1. Qualification awarded
Bachelor of animal science
2. Length of programme
4 Years
3. Number of credits
240 ECTS credits
4. Level of qualification according to the National Qualification Framework and the European Qualifications Framework
First cycle, Bachelor's degree
5. Field(s) of study (e.g. ISCED-F)
ISCED-F 2013
6. Specific admission requirements (if applicable)
7. Specific arrangements for recognition of prior learning (formal, non-formal and informal) (if applicable)
8. Qualification requirements and regulations, including graduation requirements
students should successfully complete all the core courses and collect 240 ECTS credits
9. Profile of the programme
Include a brief description of the main focus of the programme.
10. Programme Educational Objectives
1-Meet students' educational needs by providing them with wide theoretical and practical skills and understanding in basic animal production disciplines. Ensure graduates have the skills and attitudes to render services to a thriving and modern livestock sector.
2-To maintain a leading role in the pursuit of knowledge of animal genetic resources, physiology, nutrition, production systems, generation of knowledge and technologies through quality training and research for animal security and sustainable development
3- Provide the animal production industry with skilled and qualified personnel. Extend knowledge and skills to the farming communities for purposes of improving animal science and production.
4- Conduct scientific and applied research into animal farming demands and provide animal science and production consulting services to the public and private sectors.
5-Provide and teach integrated management procedures and strategies for maximizing the utilization of various farm resources to solve problems in animal production.

11. Programme learning outcomes (10-12 outcomes)

After successfully completing this programme, students should have:

- 1- Apply scientifically based practices for the care, management, and study of managed animals and animal products.
- 2- Solid foundation in heredity, gene function, and genetic variation, integrating classical inheritance with modern molecular techniques such as PCR, gel electrophoresis, DNA sequencing, bioinformatics and applying these concepts to animal production field.
- 3- Firm understanding of the general physiology and development of the animal body (ruminants, poultry and fish). knowledge of function at the cellular level to the complex operation of major body systems.
- 4- An ability to identify, detect the symptoms and treat different animal and poultry diseases. In addition to different applied vaccination programs
- 5- Acquire practical knowledge in different houses design, housing and rearing systems of domesticated animals
- 6- Acquire management skill and have the ability to supervise small and large animal enterprises
- 7- Expand the creative skills in meat, dairy and poultry product technology and serve the markets in different animal based products
- 8- Acquire applied nutritional knowledge and have the ability to formulate animal feeds.
- 9- Build basic knowledge in fish production, nutrition and management
- 10- Acquire good statistical and experimental design and have the ability to analyze and interpret data.

12. Programme structure diagram with credits



13. Mode of Study

Full time

14. Examination regulations and grading scale

The following grading scale is used:

% Points	Grade
90 - 100	Excellent
80 - < 90	Very Good
70 - < 80	Good
60 - < 70	Medium
50 - < 60	Pass
0 - < 50	Fail

15. Obligatory or optional mobility windows (if applicable)

16. Work placement(s) (if applicable)

17. Work-based learning (if applicable)

18. Programme director or equivalent

Sleman Said Mohammed

email: sleman.mohammed@uod.ac

19. Occupational profiles of graduates

Equipping students with comprehensive knowledge and modern professional practical skills in animal production (Livestock, poultry, fish) and animal products is the main focus of the program. The program covers areas including management, breeding, genetic, biotechnology, hatchery management, physiology, nutrition, livestock (beef, dairy cattle, sheep and goat) and poultry production and marketing. In addition to meat science and technology, dairy science and technology, poultry product technology.

20. Access to further studies

Graduates can apply for admission to 2nd cycle (Master) studies

21. Academic Staff

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