



**USK**  
UNIVERSITAS  
SYIAH KUALA

# **FACULTY OF AGRICULTURE**

## **Department of Animal Science**

### UNDERGRADUATE PROGRAM

Module designation	Poultry Science
Semester(s) in which the module is taught	3 <sup>rd</sup> semester
Person responsible for the module	Ir. Zulfan, M.Sc
Language	Indonesia/English
Relation to curriculum	Compulsory module
Teaching methods	Lecture, Discussion, questions and answers, and individual assignments
Workload	<ul style="list-style-type: none"><li>• 100 minutes of lectures and discussion per week</li></ul>
Credit Poin	2 sks= 3.2 ECTS
Required and recommended prerequisites for joining the module	-
Module objectives/intended learning outcomes	<ul style="list-style-type: none"><li>• Students understand the scope of material to be obtained in the Basic Poultry Farming course, the learning system and the value of obligations and assignments.</li><li>• Students know the reproductive system of male and female poultry, egg quality and development of poultry after hatching, excretory organ system, sensing and behavior of poultry.</li><li>• Students understand the digestive, respiratory and circulatory organs of poultry, as well as the function, role and system of each organ.</li><li>• Students are able to understand hormone glands in poultry and their mechanism of action and know the development of poultry embryos.</li></ul>
Content	This three-credit course is available in three semester and is divided up into two theory credits and one practice credit. It covers the technology and management of breeding poultry, with a focus on handling the egg's eggs, breeding treatments, and preparation and marketing of eggs. The domestic fowl, quail, chicken, and waterfowl are the livestock species that will be examined.
Exams and assesment formats	Discipline, able to work together in a team and active in class discussions



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Study and exanation requirements	40% exam 10% Quiz 20% Assignment 30% Attitude
Reading list	<ul style="list-style-type: none"><li>● Main Suprijatna, E., U. Atmomarsono, dan R. Kartasudjana. 2008. Ilmu Ternak Unggas. Penebar Swadaya, Jakarta.</li><li>Nickle, R. A. Schummer, E. Selferie, W.G. Silfer and P.A.L Weight. 1977. Anatomy of the domestic Bird. Verlag Paul Parey, Berlin.</li><li>Sturkie, P.D 1976. Avian Digestion in Duck Physiology of Domestic Animal. 8<sup>th</sup> Ed. Comstock</li><li>● Supporters Parkhurt and GJ Mountney. Poultry Produce Technology. The Avi Publishing Company Inc. Westport, Conecticut.</li><li>North, M.O and D.D. Bell. 1990. Commercial Chicken Production Manual, 4<sup>th</sup> Ed. Van Nostrand Reinhold, New York.</li></ul>