

Course Code Description

Example: ANS 101-2

First letters	three	Faculty, Department or the Degree Programme which offers the course ANS – Animal Science Degree Programme AQT–Aquatic Resources Technology Degree Programme BGE – Broad General Education EAG –Export Agriculture Degree Programme EMG –Faculty of Management ESD – Essential Skills Development
First digit		Year offered- 1, 2, 3 or 4
Second digit		Themes * 0-Fundamental Courses 1-Farm Management 2-Health and Hygiene 3-Farm Animal Nutrition 4-Food Science and Food Product Technology 5-Genetics and Biotechnology 6-Course Specific Skill Development 7-Mathematics and Statistics 8-Agricultural Engineering 9-Aquaculture
Third digit		Sequence of the course within the theme
Fourth digit		Credit value of the course

***Apply only for courses offered by Animal Science Degree Programme. For courses offered by other Faculties and Departments, respective description of course codes needs to be referred.**

Course Sequence of Bachelor of Animal Science (BASchons) Degree Programme

YEAR: 1

SEMESTER: I

No	Course Code	Course Title	Units	C/O/CN *
1	ANS 101-2	Introduction to Animal Production	2	C-14
2	ANS 102-3	Farm Animal Anatomy and Physiology	3	
3	ANS 103-1	General Microbiology	1	
4	ANS 151-2	Principles of Genetics and Breeding	2	
5	ANS 161-1	Laboratory Techniques	1	
6	ESD 103-2	Information Technology	2	
7	ESD 121-1	English (Level 01)	1	
8	BGE 121-2	Ethics and Law Basics	2	CN-03
9	ANS 104-1	Mathematics for Biological Sciences	1	
10	ANS 105-1	Agricultural Meteorology and Climatology	1	
11	ESD 151-1 ESD 161-1	Sinhala (Level 01) Tamil (Level 01)	1	

YEAR: 1

SEMESTER: II

No	Course Code	Course Title	Units	C/O/CN*
1	ANS 106-2	Introduction to Soil Science	2	C-16
2	ANS 131-2	Animal Nutrition	2	
3	ANS 141-2	Principles of Food Science	2	
4	ANS 191-1	Introduction to Living Aquatic Resources and Management	1	
5	EAG 161-2	Biochemistry	2	
6	EAG 131-3	Principles of Agricultural Economics	3	
7	ESD 111-1	Communication Skills I	1	
8	ESD 122-1	Communicative English	1	
9	ESD 141-2	Quantitative Reasoning	2	
10	ESD 152-1 ESD 162-1	Sinhala (Level 02) Tamil (Level 02)	1	CN-02
11	ANS 107-1	Basics in Physics	1	

*C-Compulsory courses, O-Optional courses, CN-Compulsory-Non Credit courses

YEAR: 2
SEMESTER: I

No	Course Code	Course Title	Units	C/O/CN*
1	ANS 211-3	Non-Ruminant Management	3	C-17
2	ANS 221-2	Farm Animal Hygiene	2	
3	ANS 231-2	Forage Production and Conservation	2	
4	ANS 232-1	Monogastric Nutrition	1	
5	ANS 241-2	Principles of Food Preservation and Processing	2	
6	ANS 281-2	Farm Machinery and Mechanization	2	
7	AQT 291-2	Ornamental Fish Breeding and Production	2	
8	ESD 221-1	Effective English Usage	1	
9	BGE 211-2	Aesthetic Studies	2	
10	ANS 201-2	Introduction to Crop Science	2	CN-02

YEAR: 2
SEMESTER: II

No	Course Code	Course Title	Units	C/O/CN*
1	ANS 212-3	Ruminant Management	3	C-16
2	ANS 213-2	Reproduction and Lactation in Farm Animals	2	
3	ANS 233-2	Ruminant Nutrition	2	
4	ANS 242-2	Food Chemistry	2	
5	EAG 221-2	Agribusiness Management and Entrepreneurship	2	
6	ANS 261-2	Farm Practice	2	
7	ESD 222-1	Explorative English	1	
8	BGE 213-1	History	1	
9	BGE 214-1	Geography	1	

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YEAR: 3
SEMESTER: I

No	Course Code	Course Title	Units	C/O/CN*
1	ANS 311-2	Livestock Farming Systems	2	C-17
2	ANS 321-3	Farm Animal Diseases	3	
3	ANS 331-2	Animal Feed Resources and Feed Processing	2	
4	ANS 341-2	Food Microbiology	2	
5	ANS 371-2	Experimental Designs	2	
6	ANS 381-2	Farm Designing and Construction	2	
7	EMG 383-1	Marketing Strategies	1	
8	EAG 324-2	Agricultural Technology Dissemination	2	
9	ESD 311-1	Communication Skills II	1	
10	ANS 312-2	Microlivestock Production	2	O-07
11	ANS 301-1	Wildlife and Eco Tourism	1	
12	EAG 321-2	Agricultural Entrepreneurship	2	
13	ANS 342-2	Agricultural Food Processing	2	

YEAR: 3
SEMESTER: II

No	Course Code	Course Title	Units	C/O/CN*
1	ANS 313-1	Waste Handling and Utilization	1	C-14
2	ANS 343-3	Dairy Product Technology	3	
3	ANS 344-3	Meat and Egg Product Technology	3	
4	ANS 345-2	Aquatic Product Technology	2	
5	ANS 346-1	Food Packaging Technology	1	
6	ANS 351-2	Selection and Animal Breeding	2	
7	AQT 391-2	Invertebrate Breeding and Farming	2	
8	ANS 347-2	Food Process Engineering	2	CN-03
9	ANS 361-1	Intellectual Property Rights and Commercialization	1	
10	EAG 355-2	Organic Agriculture	2	O-08
11	ANS 314-1	Farm Animal Welfare	1	
12	ANS 302-1	Lab Animal Science	1	
13	ANS 315-2	Farm Management and Budgeting	2	
14	ANS 348-2	Postharvest Technology	2	

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YEAR: 4
SEMESTER: I

No	Course Code	Course Title	Units	C/O/CN*
1	ANS 421-1	Public Health	1	C-15
2	ANS 441-2	Food Analysis	2	
3	ANS 442-2	Food Safety and Quality Management	2	
4	ANS 443-2	Animal By-products Technology	2	
5	ANS 451-3	Animal Biotechnology	3	
6	ANS 461-2	Scientific Writing and Research Methodology	2	
7	ANS 471-1	Nonparametric Statistics	1	
8	EMG 474-2	Human Resources Management	2	
9	ANS 401-1	Nanotechnology in Animal Science	1	O-09
10	ANS 444-1	Sensory Evaluation	1	
11	ANS 445-1	New Product Development	1	
12	ANS 462-1	Project Cycle Management	1	
13	ANS 463-1	Business Communication	1	
14	AQT 491-2	Advanced Techniques in Aquatic Farming Systems	2	
15	EAG 431-2	Import Export Procedures	2	

YEAR: 4
SEMESTER: II

No	Course Code	Course Title	Units	C/O/CN*
1	ANS 464-6	Research	6	C-06
2	ANS 465-2	Industrial Training	2	CN-02

*C-Compulsory courses, O-Optional courses, CN-Compulsory-Non Credit courses

Summary

Year	Semester	Compulsory	Optional	Compulsory- Non Credit	Total (Credits) without optional	Total (Credits) with optional
First	1	14	00	03	14	14
	2	16	00	02	16	16
Second	1	17	00	02	17	17
	2	16	00	00	16	16
Third	1	17	07	00	17	24
	2	14	08	03	14	22
Fourth	1	15	09	00	15	24
	2	06	00	02	06	06
Total		115	24	12	115	139