

Curriculum of BVS and VPE Program

Curriculum of BVS program (in SCH and ECTS)

List of courses in BVS program

No	Code	Subject Courses	SCH			ECTS	Total workload (hours)
			Theory	Practicum	Total		
1st semester (19 SCH = 34.2 ECTS)							
1	IPB1110	Religion	2	1	3	5,4	135,99
2	STK1111	Statistical and Data Analysis	3	0	3	5,4	135,99
3	IPB1106	Indonesian Language	1	1	2	3,6	90,66
4	BIO1102	Basic Biology	2	0	2	3,6	90,66
5	FIS1104	Engineering Physics	2	0	2	3,6	90,66
6	IPB1108	English	1	1	2	3,6	90,66
7	IPB1113	Innovative Agriculture	2	0	2	3,6	90,66
8	IPB1112	Sport	0	1	1	1,8	45,33
9	FKH1101	Veterinary Profession and Animal Welfare	1	1	2	3,6	90,66
2nd semester (17 SCH = 30.6 ECTS)							
1	IPB110D	Pancasila Education	1	0	1	1,8	45,33
2	IPB110E	Citizenship Education	1	0	1	1,8	45,33
3	MAT1102	Mathematics and Logical Thinking	2	1	3	5,4	135,99
4	EKO1101	Economy	2	0	2	3,6	90,66
5	KPM1131	Sociology	2	0	2	3,6	90,66
6	KOM1100	Computational Thinking	2	0	2	3,6	90,66
7	KIM1104	Chemical Science and Technology	2	1	3	5,4	135,99
8	AFF1111	Veterinary Anatomy I	2	1	3	5,4	135,99
3rd semester (22 SCH = 39.6 ECTS)							
1	STA1211	Statistics	2	1	3	5,4	135,99
2	AFF1212	Veterinary Histology I	1	1	2	3,6	90,66
3	AFF1221	Veterinary Physiology I	2	1	3	5,4	135,99
4	AFF1214	Veterinary Anatomy II	2	1	3	5,4	135,99
5	IPH1221	Veterinary Bacteriology and Mycology	2	1	3	5,4	135,99
6	BIK1201	Biochemistry	2	1	3	5,4	135,99
7	AFF1213	Embryology and Developmental Genetics	2	1	3	5,4	135,99
8	FKH1201	Scientific Methodology	1	1	2	3,6	90,66
4rd semester (20 SCH = 36 ECTS)							

1	AFF1215	Veterinary Histology II	1	1	2	3,6	90,66
2	AFF1222	Veterinary Physiology II	2	1	3	5,4	135,99
3	AFF1216	Topography Anatomy	2	1	3	5,4	135,99
4	IPH1231	Veterinary Parasitology: Ectoparasites	1	1	2	3,6	90,66
5	IPH1331	Veterinary Parasitology: Endoparasites	2	1	3	5,4	135,99
6	AFF1223	Medical Biochemistry	2	0	2	3,6	90,66
7	NTP1271	Principle of Nutrition Science	2	1	3	5,4	135,99
8	IPH1222	Veterinary Virology	1	1	2	3,6	90,66
5th semester (21 SCH=37.8 ECTS)							
1	AFF1331	Pharmacology I	2	0	2	3,6	90,66
2	IPH1311	Veterinary Public Health	1	0	1	1,8	45,33
3	KRP1311	Veterinary Clinical Diagnostics	2	1	3	5,4	135,99
4	KRP1321	Veterinary General Surgery	2	1	3	5,4	135,99
5	KRP1341	General Pathology	2	1	3	5,4	135,99
6	KRP1331	Veterinary Reproductive Science and Technology	2	1	3	5,4	135,99
7	IPH 1323	Medical Immunology	2	0	2	3,6	90,66
8	FKH1301	Aquatic Animal Health Management	2	0	2	3,6	90,66
9	FKH...,	Elective courses	2	0	2	3,6	90,66
6th semester (26 SCH = 46.8 ECTS)							
1	AFF1332	Pharmacology II	2	1	3	5,4	135,99
2	IPH1312	Veterinary Hygiene of Animal Origin	2	1	3	5,4	135,99
3	KRP1342	Veterinary Systemic Pathology I	2	0	2	3,6	90,66
4	KRP1312	Internal Medicine I	2	0	2	3,6	90,66
5	KRP1332	Obstetrics and Gynecology	2	1	3	5,4	135,99
6	KRP1322	Veterinary Special Surgery I	1	1	2	3,6	90,66
7	KRP1313	Clinical Pathology	1	1	2	3,6	90,66
8	IPH1324	Bacterial and Mycological Diseases	2	1	3	5,4	135,99
9	IPH1325	Viral Disease	1	1	2	3,6	90,66
10	IPB1400	KKNT	0	4	4	7,2	181,32
7th semester (21 SCH = 37.8 ECTS)							
1	AFF1433	Veterinary Toxicology	1	1	2	3,6	90,66
2	IPH1413	Zoonoses	2	0	2	3,6	90,66

3	IPH1414	Veterinary Epidemiology and Economy	2	1	3	5,4	135,99
4	KRP1443	Veterinary Systemic Pathology II	2	1	3	5,4	135,99
5	KRP1414	Veterinary Internal Medicine II	2	0	2	3,6	90,66
6	KRP1423	Veterinary Special Surgery II	1	1	2	3,6	90,66
7	KRP1424	Veterinary Radiology	1	1	2	3,6	90,66
8	FKH1405	Colloquium	0	1	1	1,8	45,33
9	KRP1415	Clinical Dietetics	2	0	2	3,6	90,66
10	FKH ...	Elective Courses	2	0	2	3,6	90,66
8th semester (12 SCH = 21.6 ECTS)							
1	KRP1444	Poultry Pathology	2	0	2	3,6	90,66
2	KRP1416	Clinical Demonstration	0	1	1	1,8	45,33
3	KRP1451	Veterinary Pharmaceutical Preparation and General Therapy	1	1	2	3,6	90,66
4	FKH1401	Veterinary Legislation and Ethics	2	0	2	3,6	90,66
5	FKH1406	Seminar	0	1	1	1,8	45,33
6	FKH1407	Undergraduate Thesis	0	4	4	7,2	181,32
Total			107	51	158	284,4	7162,14

List of elective course in BVS program

No	Code	Subject Courses	SCH			ECTS	Total workload (hours)
			Theory	Practicum	Total		
1	FKH 1302	Animal Behaviour	2	0	2	3,6	90,66
2	FKH 1303	Laboratory animal health management	2	0	2	3,6	90,66
3	FKH 304	Biomedical instrumentation	2	0	2	3,6	90,66
4	FKH 1306	Wild animal health management	2	0	2	3,6	90,66
5	FKH 1403	Poultry health management	2	0	2	3,6	90,66
6	FKH 1307	Tropical health management	1	1	2	3,6	90,66

List of courses in VPE Program

No	Code	Subject Course	SCH	ECTS	Total workload (hours)	Study period
1st Semester						
1	FKH1501	Prescription and Drug Applications	3	5,40	135,99	4 weeks
2	FKH1502	Veterinary Surgery and Radiology	4	7,20	181,32	4 weeks
3	FKH1503	Veterinary Internal Medicine & Clinical Pathology	4	7,20	181,32	4 weeks
4	FKH1504	Reproduction and Obstetrics	4	7,20	181,32	4 weeks
5	FKH1505	Diagnostic Laboratory	4	7,20	181,32	4 weeks
2nd Semester						
6	FKH1506	Diagnostic Pathology	4	7	181,32	4 weeks
7	FKH1507	Veterinary Public Health and Epidemiology	2	3,60	90,66	4 weeks
8	FKH1508	Cattle Health Field Practice	2	3,60	90,66	4 weeks
9	FKH1509	Animal Hospital Field Practice	2	3,60	90,66	4 weeks
10	FKH150A	Poultry Farm Field Practice	2	3,60	90,66	4 weeks
11	FKH150B	Slaughter House Management & Veterinary Public Service	2	3,60	90,66	4 weeks
3rd Semester						
12		Elective Course	2	3,6	90,66	4 weeks
13	FKH150E	Animal Welfare Field Practice	1	1,80	45,33	4 weeks
14	FKH150K	Comprehensive Examination	1	1,80	45,33	
TOTAL			37	66,60	1677,21	

List of elective course in VPE program

No.	Code	Subject Course	SCH	ECTS	Total workload (hours)	Study period
	FKH150C	Horse Health Field Practice	2	3,6	90,66	4 weeks
	FKH150D	Preferred Professional Field Practice	2	3,6	90,66	4 weeks
	FKH150F	Quarantine Field Practice	2	3,6	90,66	4 weeks
	FKH150G	Veterinary Industry Field Practice	2	3,6	90,66	4 weeks
	FKH150H	Wildlife Health Field Practice	2	3,6	90,66	4 weeks
	FKH150I	Aquatic Animal Health Field Practice	2	3,6	90,66	4 weeks
	FKH150J	Animal Laboratory Field Practice	2	3,6	90,66	4 weeks

Workload and credits of BVS and VPE programs

Semester	SCH	ECTS	Total workload (hours)
BVS program			
1	19	34,2	861,27
2	17	30,6	770,61
3	22	39,6	997,26
4	20	36	906,60
5	21	37,8	951,93
6	26	46,8	1.178,58
7	21	37,8	951,93
8	12	21,6	543,96
Total BVS	158	284,4	7.162,14
VPE program			
1	19	34,20	861,27
2	14	25,20	634,62
3	4	7,20	181,32
Total VPE	37	66,60	1677,21
Total credit	195	351,00	8839,35

Note:

BVS Program

1 credit unit (SCH) in Europe= 25 academic hours (1SKS = 170 minutes for 16 weeks = 45.33 hours) according to SN Dikti

(1 SKS = 45.33/25 = 1.8 ECTS) minimal standard ECTS undergraduate program at least equal to 240 ECTS for 8 semester

VPE Program

Semester = 30 ECTS, 3 semester minimal 80-90 ECT