

Curriculum structure of the BVS program

BVS Program

No	Code	Subject Courses	Semester		SCH*	ECTS	Pre-condition	Course Category
			Odd	Even				
1st Semester								
1	IPB1110	Religion	√	-	3(2-1)	4.5	-	National mandatory
2	STK1111	Statistical and Data Analysis	√	-	3(3-0)	4.5	-	Quantitative Reasoning
3	IPB1106	Indonesian Language	√	-	2(1-1)	3	-	National mandatory
4	BIO1102	Basic Biology	√	-	3(2-1)	4.5	-	Science & Technology
5	FIS1104	Engineering Physics	√	-	3(2-1)	4.5	-	Science & Technology
6	IPB1108	English	√	-	2(1-1)	3	-	National mandatory
7	IPB1113	Innovative Agriculture	√	-	2(2-0)	3	-	Science & Technology
8	IPB1112	Sport	√	-	1(0-1)	1.5	-	Sport/Art/Business
9	FKH1101	Veterinary Profession and Animal Welfare	√	-	2(1-1)	3	-	Fundamental Course
Sub-total SCH					21	31.5		
2nd Semester								
1	IPB110D	Pancasila Education	-	√	1(1-0)	1.5	-	National mandatory
2	IPB110E	Citizenship Education	-	√	1(1-0)	1.5	-	National mandatory
3	MAT1102	Mathematics and Logical Thinking	-	√	3(2-1)	4.5	-	Quantitative Reasoning
4	EKO1101	Economy	-	√	2(2-0)	3	-	Science & Technology
5	KPM1131	Sociology	-	√	2(2-0)	3	-	Sociology/Humanities
6	KOM1100	Computational Thinking	-	√	2(2-0)	3	-	Quantitative Reasoning
7	KIM1104	Chemical Science and Technology	-	√	3(2-1)	4.5	-	Science & Technology
8	AFF1111	Veterinary Anatomy I	-	√	3(2-1)	4.5	BIO1102	Fundamental Courses
Sub-Subtotal SCH					17	25.5		
3rd Semester								
1	STA1211	Statistics	√	-	3(2-1)	4.5	STK1111	Academic Core Courses
2	AFF1212	Veterinary Histology I	√	-	2(1-1)	3	BIO102	Foundational Literacy
3	AFF1221	Veterinary Physiology I	√	-	3(2-1)	4.5	BIO1102, KIM1104	Foundational Literacy

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4	AFF1214	Veterinary Anatomy II	√	-	3(2-1)	4.5	AFF1111	Foundational Literacy
5	IPH1221	Veterinary Bacteriology and Mycology	√	√	3(2-1)	4.5	BIO1102, KIM1104	Foundational Literacy
6	BIK1201	Biochemistry	√	-	3(2-1)	4.5	KIM1104	Academic Core Courses
7	AFF1213	Embryology and Developmental Genetics	√	√	3(2-1)	4.5	BIO1102	Academic Core Courses
8	FKH1201	Scientific Methodology	√	√	2(1-1)	3	IPB1106, STK1111	Final Year Project
Sub-total SCH					22	33		
4th Semester								
1	AFF1215	Veterinary Histology II	-	√	2(1-1)	3	AFF1212	Foundational Literacy
2	AFF1222	Veterinary Physiology II	-	√	3(2-1)	4.5	AFF1225	Foundational Literacy
3	AFF1216	Topography Anatomy	-	√	3(2-1)	4.5	AFF1214	Foundational Literacy
4	IPH1231	Veterinary Parasitology: Ectoparasites	√	√	2(1-1)	3	BIO1102	Foundational Literacy
5	IPH1331	Veterinary Parasitology: Endoparasites	√	√	3(2-1)	4.5	BIO1102	Foundational Literacy
6	AFF1223	Medical Biochemistry	-	√	2(2-0)	3	BIK1201	Foundational Literacy
7	NTP1271	Principle of Nutrition Science	-	√	3(2-1)	4.5	BIK1201	Academic Core Courses
8	IPH1222	Veterinary Virology	√	√	2(1-1)	3	BIO1102, KIM1104	Foundational Literacy
Sub-total SCH					20	30		
5th Semester								
1	AFF1331	Pharmacology I	√	-	2(2-0)	3	AFF1222	Academic Core Courses
2	IPH1311	Veterinary Public Health	√	-	1(1-0)	1.5	KPM1131, STA1211, IPH 1221, IPH 1222	In-depth Prodi Courses
3	KRP1311	Veterinary Clinical Diagnostics	√	-	3(2-1)	4.5	AFF 1216, AFF 1222, AFF 1223	In-depth Prodi Courses
4	KRP1321	Veterinary General Surgery	√	-	3(2-1)	4.5	AFF 1216	In-depth Prodi Courses

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5	KRP1341	General Pathology	√	-	3(2-1)	4.5	AFF 1215 AFF 1222	Fundamental Courses	
6	KRP1331	Veterinary Reproductive Science and Technology	√	-	3(2-1)	4.5	AFF1213	Foundational Literacy	
7	IPH 1323	Medical Immunology	√	√	2(2-0)	3	IPH1221, IPH1222	Foundational Literacy	
8	FKH1301	Aquatic Animal Health Management	√	√	2(2-0)	3	IPH1221, IPH1222	In-depth Courses	Prodi
9	FKH....	Elective courses	√	-	2(2-0)	3		Enrichment Course	
Sub-total SCH					20-22	30-33			
6th Semester									
1	AFF1332	Pharmacology II	-	√	3(2-1)	4.5	AFF1331	In-depth Courses	Prodi
2	IPH1312	Veterinary Hygiene of Animal Origin	-	√	3(2-1)	4.5	IPH1311, IPH1221 IPH1222	In-depth Courses	Prodi
3	KRP1342	Veterinary Systemic Pathology I	-	√	2(2-0)	3	KRP1341	In-depth Courses	Prodi
4	KRP1312	Internal Medicine I	-	√	2(2-0)	3	KRP1311	In-depth Courses	Prodi
5	KRP1332	Obstetrics and Gynecology	-	√	3(2-1)	4.5	KRP1331, IPH1221 IPH1222	In-depth Courses	Prodi
6	KRP1322	Veterinary Special Surgery I	√	√	2(1-1)	3	KRP1321	In-depth Courses	Prodi
7	KRP1313	Clinical Pathology	√	√	2(1-1)	3	KRP 1311, AFF1223 KRP1341	In-depth Courses	Prodi
8	IPH1324	Bacterial and Mycological Diseases	√	√	3(2-1)	4.5	IPH1221	In-depth Courses	Prodi
9	IPH1325	Viral Disease	√	√	2(1-1)	3	IPH1222	In-depth Courses	Prodi
10	IPB1400	KKNT	√	√	4	6		Final Year Project	
Sub-total SCH					25	37.5			
7th Semester									
1	AFF1433	Veterinary Toxicology	√	-	2(1-1)	3	AFF1332	In-depth Courses	Prodi
2	IPH1413	Zoonoses	√	-	2(2-0)	3	IPH1324 IPH1325	In-depth Courses	Prodi
3	IPH1414	Veterinary Epidemiology and Economy	√	√	3(2-1)	4.5	STA1211, IPH1324, IPH1325	In-depth Courses	Prodi
4	KRP1443	Veterinary Systemic Pathology II	√	-	3(2-1)	4.5	KRP1342	In-depth Courses	Prodi

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5	KRP1414	Veterinary Internal Medicine II	√	-	2(2-0)	3	KRP1312	In-depth Courses	Prodi
6	KRP1423	Veterinary Special Surgery II	√	√	2(1-1)	3	KRP1321	In-depth Courses	Prodi
7	KRP1424	Veterinary Radiology	√	√	2(1-1)	3	KRP1321	In-depth Courses	Prodi
8	FKH1405	Colloquium	√	√	1(0-1)		FKH1201	Final Year Project	
9	KRP1415	Clinical Dietetics	√	√	2(2-0)	3	NTP1271, KRP1414, KRP1423, KRP1322	In-depth Courses	Prodi
10	FKH ...	Elective Courses	√	-	2(2-0)	3		Enrichment Course	
Sub-total SCH					19-21	28.5-31.5			
8th Semester									
1	KRP1444	Poultry Pathology	-	√	2(2-0)	3	KRP 1441	In-depth Courses	Prodi
2	KRP1416	Clinical Demonstration	-	√	1(0-1)		KRP1414, KRP1322, KRP1423	In-depth Courses	Prodi
3	KRP1451	Veterinary Pharmaceutical Preparation and General Therapy	√	√	2(1-1)	3	AFF1332	In-depth Courses	Prodi
4	FKH1401	Veterinary Legislation and Ethics	-	√	2(2-0)	3	IPH 1232, IPH 1324, KRP 1414, KRP 1423	Fundamental Course	
5	FKH1406	Seminar	√	√	1(0-1)	1.5	FKH 1201	Final Year Project	
6	FKH1407	Undergraduate Thesis	√	√	4(0-4)	6	Semua MK	Final Year Project	
Sub-total SCH					12	18			
Total SCH					158	237			

*Semester credit hours are equal with 1.5 ECTS