

Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU)

Faculty of Veterinary Medicine & Animal Science (FVMAS)

**Department-wise distribution of credit hours of Doctor of Veterinary Medicine (DVM)
Course Curricula at BSMRAU**

Department of Anatomy & Histology

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
ANH 101 Gross Anatomy I	3+1.5=4.5	ANH 101 Gross Anatomy I	3+1=4
ANH 102 General Histology & Embryology	3+1.5=4.5	ANH 102 General Histology & Embryology	3+1=4
ANH 131 Gross Anatomy II	3+1.5=4.5	ANH 131 Gross Anatomy II	3+1=4
ANH 132 Systemic Histology	3+1.5=4.5	ANH 132 Systemic Histology	3+1=4
ANH 201 Comparative Anatomy & Neuroanatomy	0+1.5=1.5	ANH 261 Comparative Anatomy & Neuroanatomy	0+1=1
ANH 361 Topographic & Surgical	0+1.5=1.5	ANH 361 Topographic & Surgical Anatomy	0+1=1
Total	12+9=21.0	Total	12+6=18

Department of Physiology & Pharmacology (PHP)

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
PHP 161 General Physiology	3+1.5=4.5	PHP 161 General Physiology	3+1=4
PHP 201 Systemic Physiology	3+1.5=4.5	PHP 261 Systemic Physiology	3+1=4
PHP 231 Nutritional Physiology	2+0=2.0	PHP 231 Nutritional Physiology	2+0=2
PHP 261 General Pharmacology & Therapeutics	3+1.5=4.5	PHP 261 General Pharmacology & Therapeutics	3+1=4
PHP 301 Systemic Pharmacology	3+0=3.0	PHP 301 Systemic Pharmacology	3+0=3
PHP 331 Toxicology	3+1.5=4.5	PHP 331 Toxicology	3+1=4
PHP 501 Clinical Pharmacology & Pharmacy	0+2=2.0	PHP 501 Clinical Pharmacology & Pharmacy	0+2=2
Total	17+8=25.0	Total	17+6=23

Department of Microbiology & Hygiene (MPH)

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
MPH 101 Animal Hygiene & Bio-security	2+1.5=3.5	MPH 101 Animal Hygiene & Bio-security	2+1=3
MPH 161 General Microbiology	3+1.5=4.5	MPH 161 General Microbiology	3+1=4
MPH 231 Systemic Bacteriology & Mycology	3+1.5=4.5	MPH 231 Systemic Bacteriology & Mycology	3+1=4
MPH 261 Virology	3+1.5=4.5	MPH 261 Virology	3+1=4
MPH 301 Immunology, Serology & Molecular Techniques	2+1.5=3.5	MPH 301 Immunology, Serology & Molecular Techniques	2+1=3
MPH 431 Dairy Microbiology & Food Hygiene	3+1.5=4.5	MPH 431 Dairy Microbiology & Food Hygiene	3+1=4
MPH 501 Public Health & Zoonoses	2+0=2.0	MPH 501 Public Health & Zoonoses	2+0=2
Total	18+9=27.0	Total	18+6=24

Department of Pathobiology (PBL)

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
PBL 201 General Parasitology & Entomology	3+1.5=4.5	PBL 231 General & Nutritional Pathology	3+1=4
PBL 231 General & Nutritional Pathology	3+1.5=4.5	PBL 232 General Parasitology & Entomology	3+1=4
PBL 261 Helminthology & Malacology	3+1.5=4.5	PBL 261 Helminthology & Malacology	3+1=4
PBL 301 Protozoology	3+1.5=4.5	PBL 301 Protozoology	3+1=4
PBL 302 Systemic Pathology & Oncology	3+1.5=4.5	PBL 302 Systemic Pathology & Oncology	3+1=4
PBL 331 Pathology of Infectious Diseases	3+0=3.0	PBL 331 Pathology of Infectious Diseases	3+0=3
PBL 361 Avian Pathology	3+1.5=4.5	PBL 361 Avian Pathology	3+1=4
PBL 501 Clinical Pathology & Necropsy	0+2=2.0	PBL 501 Clinical Pathology & Necropsy	0+2=2
Total	21+11=32.0	Total	21+8=29

Department of Medicine (MED)

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
MED 361 General Medicine	3+1.5=4.5	MED 361 General Medicine	3+1=4
MED 401 Farm Animal Medicine	3+1.5=4.5	MED 401 Farm Animal Medicine	3+1=4
MED 431 Epidemiology & Preventive Medicine	3+1.5=4.5	MED 431 Epidemiology & Preventive Medicine	3+1=4
MED 432 Avian Medicine	3+1.5=4.5	MED 432 Avian Medicine	3+1=4
MED 461 Wildlife, Zoo, Aquatic & Companion Animal Medicine	3+1.5=4.5	MED 461 Metabolic & Nutritional Diseases of Farm Animals	2+0=2
MED 462 Metabolic & Nutritional Diseases of Farm Animals	2+0=2.0	MED 462 Wildlife, Zoo, Aquatic & Companion Animal Medicine	3+1=4
MED 502 Forensic Medicine, Jurisprudence & Animal Welfare	3+0=3.0	MED 501 Forensic Medicine, Jurisprudence & Animal Welfare	3+0=3
MED 503 Medicine (Clinics)	0+2=2.0	MED 503 Medicine (Clinics)	0+2=2
Total	20+9.5=29.5	Total	20+7=27

Department of Surgery & Radiology (SRA)

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
SRA 361 General Surgery	3+1.5=4.5	SRA 361 General Surgery	3+1=4
SRA 401 Anesthesiology	2+1.5=3.5	SRA 401 Anesthesiology	2+1=3
SRA 402 Radiology & Imaging	2+1.5=3.5	SRA 402 Radiology & Imaging	2+1=3
SRA 431 Farm Animal Surgery	3+1.5=4.5	SRA 431 Farm Animal Surgery	3+1=4
SRA 461 Wildlife, Zoo, Aquatic & Companion Animal Surgery	2+1.5=3.5	SRA 461 Wildlife, Zoo, Aquatic & Companion Animal Surgery	2+1=3
SRA 501 Surgery (Clinics)	0+2=2.0	SRA 501 Surgery (Clinics)	0+2=2
Total	12+9.5=21.5	Total	12+7=19

Department of Gynecology, Obstetrics & Reproductive Health (GOR)

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
GOR 401 Gynecology & Reproductive Biotechnology	3+1.5=4.5	GOR 401 Gynecology & Reproductive Biotechnology	3+1=4
GOR 431 Andrology & Artificial Insemination	2+1.5=3.5	GOR 431 Andrology & Artificial Insemination	2+1=3
GOR 461 Reproductive Immunology & Obstetrics	3+1.5=4.5	GOR 461 Reproductive Immunology & Obstetrics	3+1=4
GOR 462 Theriagenology of Wildlife, Zoo, Aquatic & Companion Animals	2+1.5=3.5	GOR 462 Theriagenology of Wildlife, Zoo, Aquatic & Companion Animals	2+1=3
GOR 501 Theriagenology (Clinics)	0+2=2.0	GOR 501 Theriagenology (Clinics)	0+2=2
Total	10+8=18.0	Total	10+6=16

Department of Animal Science & Nutrition (ASN)

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
ASN 101 General Animal Science	2+1.5=3.5	ASN 101 General Animal Science	2+1=3
ASN 102 Fodder Production	2+1.5=3.5	ASN 161 Draught and Meat Animal Production & Management	2+1=3
ASN 161 Draught and Meat Animal Production & Management	2+1.5=3.5	ASN 201 Fodder Production	2+1=3
ASN 231 Wildlife, Zoo, Aquatic & Companion Animal Management	2+1.5=3.5	ASN 231 Wildlife, Zoo, Aquatic & Companion Animal Management	2+1=3
ASN 261 Ruminant Nutrition, Feeds & Feeding	2+1.5=3.5	ASN 261 Non-ruminant Nutrition, Feeds & Feeding	2+1=3
ASN 331 Non-ruminant Nutrition, Feeds & Feeding	2+1.5=3.5	ASN 331 Meat Science, Wool Technology and Byproduct Management	3+1=4
ASN 361 Meat and Wool Technology & Livestock Waste Management	3+1.5=4.5	ASN 361 Ruminant Nutrition, Feed & Feeding	2+1=3
Total	15+10.5=25.5	Total	15+7=22

Department of Dairy & Poultry Science (DPS)

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
DPS 131 General Poultry Science	2+1.5=3.5	DPS 131 General Poultry Science	2+1=3
DPS 161 General Dairy Science	2+1.5=3.5	DPS 161 General Dairy Science	2+1=3
DPS 201 Poultry Production & Management	3+1.5=4.5	DPS 201 Poultry Production & Management	3+1=4
DPS 261 Dairy Animal Production & Management	2+1.5=3.5	DPS 261 Dairy Animal Production & Management	2+1=3
DPS 331 Dairy & Poultry Product Technology	2+1.5=3.5	DPS 331 Dairy & Poultry Product Technology	2+1=3
DPS 401 Breeder Farm Management & Hatchery Operation	2+1.5=3.5	DPS 401 Breeder Farm Management & Hatchery Operation	2+1=3

D. Dean/Officer/Course Controller/Revised Final Proposed Course Councils Online

Department Animal Breeding & Genetics (ABG)

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
ABG 231 Animal Genetics	3+1.5=4.5	ABG 201 Animal Genetics	3+1=4
ABG 301 Animal Breeding	3+1.5=4.5	ABG 361 Animal Breeding	3+1=4
Total	6+3=9.0	Total	6+2=8

Other Departments of BSMRAU

Department of Agricultural Economics (AEC)

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
AEC 201 Livestock Production	3+0=3.0	AEC 201 Livestock Production Economics	3+0=3
Total	3+0=3.0	Total	3+0=3

Department of Biochemistry and Molecular Biology (BMB)

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
BMB 131 Biophysics & Chemistry of Biomolecules	3+1.5=4.5	BMB 131 Biophysics & Chemistry of Biomolecules	3+1=4
BMB 161 Metabolism of Biomolecules	3+0=3.0	BMB 161 Metabolism of Biomolecules	3+0=3
Total	6+1.5=7.5	Total	6+1=7

Department of Computer Science and Information Technology (CST)

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
CST 131 Computer Application	0+1.5=1.5	CST 131 Computer Application	0+1=1
Total	0+1.5=1.5	Total	0+1=1

Department of Statistics (STT)

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
STT 361 Biostatistics	3+1.5=4.5	STT 331 Biostatistics	3+1=4
Total	3+1.5=4.5	Total	3+1=4

Department of Agri-business (AGB)

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
AGB 501 Livestock and Poultry Marketing & Agri-business	3+0=3.0	AGB 501 Livestock and Poultry Marketing & Agri-business	3+0=3
Total	3+0=3.0	Total	3+0=3

Department of Agricultural Extension & Rural Development (AER)

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
AER 461 Veterinary Extension Education	3+1.5=4.5	AER 461 Veterinary Extension Education	3+1=4
Total	3+1.5=4.5	Total	3+1=4

Newly Introduced General Subjects

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
		GEU 101 Communicative English	2+0=2
		GEU 301 Career Planning & Development	2+0=2
		GEU 131 History of the Rise of Bangladesh	2+0=2
Total		Total	6+0=6

Internship Program (INT)

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
INT 531 Internship I	12	INT 531 Internship I	12
INT 531 Internship II	16	INT 531 Internship II	16
Total	28	Total	28

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Proposed Revised Curricular Layout of DVM Program

1st Year

Summer Term

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
ANH 101 Gross Anatomy I	3+1.5=4.5	ANH 101 Gross Anatomy I	3+1=4
ANH 102 General Histology & Embryology	3+1.5=4.5	ANH 102 General Histology & Embryology	3+1=4
MPH 101 Animal Hygiene & Bio-security	2+1.5=3.5	MPH 101 Animal Hygiene & Bio-security	2+1=3
ASN 101 General Animal Science	2+1.5=3.5	ASN 101 General Animal Science	2+1=3
ASN 102 Fodder Production	2+1.5=3.5	GEU 101 Communicative English	2+0=2
Total	12+7.5=19.5	Total	12+4=16

1st Year

Autumn Term

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
ANH 131 Gross Anatomy II	3+1.5=4.5	ANH 131 Gross Anatomy II	3+1=4
ANH 132 Systemic Histology	3+1.5=4.5	ANH 132 Systemic Histology	3+1=4
DPS 131 General Poultry Science	2+1.5=3.5	DPS 131 General Poultry Science	2+1=3
BMB 131 Biophysics & Chemistry of Biomolecules	3+1.5=4.5	BMB 131 Biophysics & Chemistry of Biomolecules	3+1=4
CST 131 Computer Application	0+1.5=1.5	CST 131 Computer Application	0+1=1
		GEU 131 History of the Rise of Bangladesh	2+0=2
Total	11+7.5=18.5	Total	13+5=18

1st Year

Winter Term

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
PHP 161 General Physiology	3+1.5=4.5	PHP 161 General Physiology	3+1=4
MPH 161 General Microbiology	3+1.5=4.5	MPH 161 General Microbiology	3+1=4
ASN 161 Draught and Meat Animal Production & Management	2+1.5=3.5	ASN 161 Draught and Meat Animal Production & Management	2+1=3
DPS 161 General Dairy Science	2+1.5=3.5	DPS 161 General Dairy Science	2+1=3
BMB 161 Metabolism of Biomolecules	3+0=3.0	BMB 161 Metabolism of Biomolecules	3+0=3
Total	13+6=19.0	Total	13+4=17

2nd Year

Summer Term

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
ANI 201 Comparative Anatomy & Neuroanatomy	0+1.5=1.5	ASN 201 Fodder Production	2+1=3
PHP 201 Systemic Physiology	3+1.5=4.5	PHP 201 Systemic Physiology	3+1=4
PBL 201 General Parasitology & Entomology	3+1.5=4.5	ABG 201 Animal Genetics	3+1=4
DPS 201 Poultry Production & Management	3+1.5=4.5	DPS 201 Poultry Production & Management	3+1=4
AEC 201 Livestock Production Economics	3+0=3.0	AEC 201 Livestock Production Economics	3+0=3
Total	12+6=18.0	Total	14+4=18

2nd Year

Autumn Term

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
PHP 231 Nutritional Physiology	2+0=2	PHP 231 Nutritional Physiology	2+0=2
MPH 231 Systemic Bacteriology & Mycology	3+1.5=4.5	MPH 231 Systemic Bacteriology & Mycology	3+1=4
PBL 231 General & Nutritional Pathology	3+1.5=4.5	PBL 231 General & Nutritional Pathology	3+1=4
ASN 231 Wildlife, Zoo, Aquatic & Companion Animal Management	2+1.5=3.5	ASN 231 Wildlife, Zoo, Aquatic & Companion Animal Management	2+1=3
ABG 231 Animal Genetics	3+1.5=4.5	PBL 232 General Parasitology & Entomology	3+1=4
Total	13+6=19.0	Total	13+4=17

2nd Year

Winter Term

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
PHP 261 General Pharmacology & Therapeutics	3+1.5=4.5	PHP 261 General Pharmacology & Therapeutics	3+1=4
MPH 261 Virology	3+1.5=4.5	MPH 261 Virology	3+1=4
PBL 261 Helminthology & Malacology	3+1.5=4.5	PBL 261 Helminthology & Malacology	3+1=4
ASN 261 Ruminant Nutrition, Feeds & Feeding	2+1.5=3.5	ASN 261 Non-ruminant Nutrition, Feeds & Feeding	2+1=3
DPS 261 Dairy Animal Production & Management	2+1.5=3.5	DPS 261 Dairy Animal Production & Management	2+1=3
		ANI 261 Comparative Anatomy & Neuroanatomy	0+1=1
Total	13+7.5=20.5	Total	13+6=19

Dr. Deepak Kumar Course Curricula Revised 2021 Proposed Course Curricula Outlines

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3rd Year

Summer Term

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
PHP 301 Systemic Pharmacology	3+0=3.0	PHP 301 Systemic Pharmacology	3+0=3
MPH 301 Immunology, Serology & Molecular Techniques	2+1.5=3.5	MPH 301 Immunology, Serology & Molecular Techniques	2+1=3
PBL 301 Protozoology	3+1.5=4.5	PBL 301 Protozoology	3+1=4
PBL 302 Systemic Pathology & Oncology	3+1.5=4.5	PBL 302 Systemic Pathology & Oncology	3+1=4
ABG 301 Animal Breeding	3+1.5=4.5	GEU 301 Career Planning & Development	2+0=2
Total	14+6=20.0	Total	13+3=16

3rd Year

Autumn Term

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
PHP 331 Toxicology	3+1.5=4.5	PHP 331 Toxicology	3+1=4
PBL 331 Pathology of Infectious Diseases	3+0=3	PBL 331 Pathology of Infectious Diseases	3+0=3
ASN 331 Non-ruminant Nutrition, Feed & Feeding	2+1.5=3.5	ASN 331 Meat Science, Wool Technology and Byproduct Management	3+1=4
DPS 331 Dairy & Poultry Product	2+1.5=3.5	DPS 331 Dairy & Poultry Product Technology	2+1=3
STC 331 Biostatistics	3+1.5=4.5	STC 331 Biostatistics	3+1=4
Total	13+6=19.0	Total	14+4=18

3rd Year

Winter Term

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
ANH 361 Topographic & Surgical Anatomy	0+1.5=1.5	ANH 361 Topographic & Surgical Anatomy	0+1=1
PBL 361 Avian Pathology	3+1.5=4.5	PBL 361 Avian Pathology	3+1=4
MED 361 General Medicine	3+1.5=4.5	MED 361 General Medicine	3+1=4
SRA 361 General Surgery	3+1.5=4.5	SRA 361 General Surgery	3+1=4
ASN 361 Meat and Wool Technology & Waste Management	3+1.5=4.5	ABG 361 Animal Breeding	3+1=4
		ASN 361 Ruminant Nutrition, Feed & Feeding	2+1=3
Total	12+7.5=19.5	Total	14+6=20

4th Year Summer Term

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
MED 401 Farm Animal Medicine	3+1.5=4.5	MED 401 Farm Animal Medicine	3+1=4
SRA 401 Anesthesiology	2+1.5=3.5	SRA 401 Anesthesiology	2+1=3
SRA 402 Radiology & Imaging	2+1.5=3.5	SRA 402 Radiology & Imaging	2+1=3
GOR 401 Gynecology & Reproductive Biotechnology	3+1.5=4.5	GOR 401 Gynecology & Reproductive Biotechnology	3+1=4
DPS 401 Breeder Farm Management & Hatchery Operation	2+1.5=3.5	DPS 401 Breeder Farm Management & Hatchery Operation	2+1=3
Total	12+7.5=19.5	Total	12+5=17

4th Year Autumn Term

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
MPH 431 Dairy Microbiology & Food Hygiene	3+1.5=4.5	MPH 431 Dairy Microbiology & Food Hygiene	3+1=4
MED 431 Epidemiology & Preventive Medicine	3+1.5=4.5	MED 431 Epidemiology & Preventive Medicine	3+1=4
MED 432 Avian Medicine	3+1.5=4.5	MED 432 Avian Medicine	3+1=4
SRA 431 Farm Animal Surgery	3+1.5=4.5	SRA 431 Farm Animal Surgery	3+1=4
GOR 431 Andrology & Artificial Insemination	2+1.5=3.5	GOR 431 Andrology & Artificial Insemination	2+1=3
Total	14+7.5=21.5	Total	14+5=19

4th Year Winter Term

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
		MED 461 Metabolic & Nutritional Diseases of Farm Animals	2+0=2
MED 461 Wildlife, Zoo, Aquatic & Companion Animal Medicine	3+1.5=4.5	MED 462 Wildlife, Zoo, Aquatic & Companion Animal Medicine	3+1=4
SRA 461 Wildlife, Zoo, Aquatic & Companion Animal Surgery	2+1.5=3.5	SRA 461 Wildlife, Zoo, Aquatic & Companion Animal Surgery	2+1=3
GOR 461 Reproductive Immunology & Obstetrics	3+1.5=4.5	GOR 461 Reproductive Immunology & Obstetrics	3+1=4
GOR 462 Theriogenology of Wildlife, Zoo, Aquatic & Companion Animals	2+1.5=3.5	GOR 462 Theriogenology of Wildlife, Zoo, Aquatic & Companion Animals	2+1=3
AER 461 Veterinary Extension Education	3+1.5=4.5	AER 461 Veterinary Extension Education	3+1=4
Total	13+7.5=20.5	Total	15+5=20

D-Dean Officer Course Coordinator Revised Final Proposed Term Curricula

5th Year

Summer Term

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits T+P=Total	Courses with Code	Credits T+P=Total
PHP 501 Clinical Pharmacology & Pharmacy	0+2=2	PHP 501 Clinical Pharmacology & Pharmacy	0+2=2
MPH 501 Public Health & Zoonoses	2+0=2	MPH 501 Public Health & Zoonoses	2+0=2
PBL 501 Clinical Pathology & Necropsy	0+2=2	PBL 501 Clinical Pathology & Necropsy	0+2=2
MED 501 Metabolic & Nutritional Diseases of Farm Animals	2+0=2	MED 501 Forensic Medicine, Jurisprudence & Animal Welfare	3+0=3
MED 502 Forensic Medicine, Jurisprudence & Animal Welfare	3+0=3	MED 502 Medicine (Clinics)	0+2=2
MED 503 Medicine (Clinics)	0+2=2	SRA 501 Surgery (Clinics)	0+2=2
SRA 501 Surgery (Clinics)	0+2=2	GOR 501 Theriogenology (Clinics)	0+2=2
GOR 501 Theriogenology (Clinics)	0+2=2	AGB 501 Livestock and Poultry Marketing & Agri-business	3+0=3
AGB 501 Livestock and Poultry Marketing & Agri-business	3+0=3		
Total	10+10=20	Total	8+10=18

INTERNSHIP PROGRAMME

5th Year

Autumn Term

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits	Courses with Code	Credits
INT 531 Internship Program I: Includes- <i>Feed Processing & Milling Practices</i> <i>Beef & Goat Farm Practices</i> <i>Slaughterhouse & Slaughterhouse Practices</i> <i>Diagnostic Practices</i> <i>Hospital Practices (Farm Animals)</i> <i>Fertility & AI Practices</i>	12	INT 531 Internship Program I: Includes- <i>Feed Processing & Milling Practices</i> <i>Beef & Goat Farm Practices</i> <i>Public Health & Slaughterhouse Practices</i> <i>Diagnostic Practices</i> <i>Hospital Practices (Farm Animals)</i> <i>Fertility & AI Practices</i>	12
Total	12	Total	12

5th Year

Winter Term

Existing Course Curricula		Proposed Course Curricula	
Courses with Code	Credits	Courses with Code	Credits
INT 532 Internship Program II: Includes- <i>Poultry Farm Practices</i> <i>Aquatic, Zoo & Wildlife Practices</i> <i>Vaccine Production Practices</i> <i>On-farm Clinical Practices</i> <i>Hospital Practices (Pet Animals)</i> <i>Rural Camp Practices (Motivation, Extension, Treatment & Vaccination)</i> <i>Board Exams</i>	16	INT 532 Internship Program II: Includes- <i>Poultry Farm Practices</i> <i>Aquatic, Zoo & Wildlife Practices</i> <i>Vaccine Production Practices</i> <i>On-farm Clinical Practices</i> <i>Hospital Practices (Pet Animals)</i> <i>Rural Camp Practices (Motivation, Extension, Treatment & Vaccination)</i> <i>Board Examination</i>	16
Total	16	Total	16

Year-wise Total Credit Hours

Existing Course Curricula		Proposed Course Curricula	
Year	Credits (Term 1+2+3)	Year	Credits (Term 1+2+3)
1 st Year	$(12+7.5=19.5)+(11+7.5=18.5)+(13+6=19) = 57$	1 st Year	$(12+4=16)+(13+5=18)+(13+4=17) = 51$
2 nd Year	$(12+6=18)+(13+6=19)+(13+7.5=20.5) = 57.5$	2 nd Year	$(14+4=18)+(14+5=19)+(12+5=17) = 54$
3 rd Year	$(14+6=20)+(13+6=19)+(12+7.5=19.5) = 58.5$	3 rd Year	$(13+3=16)+(14+4=18)+(14+6=20) = 54$
4 th Year	$(12+7.5=19.5)+(14+7.5=21.5)+(13+7.5=20.5) = 61.5$	4 th Year	$(12+5=17)+(14+5=19)+(15+5=20) = 56$
5 th Year	$(10+10=20)+(12)+(16) = 48$	5 th Year	$(8+10=18)+(12)+(16) = 46$
Total	282.5	Total	261

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