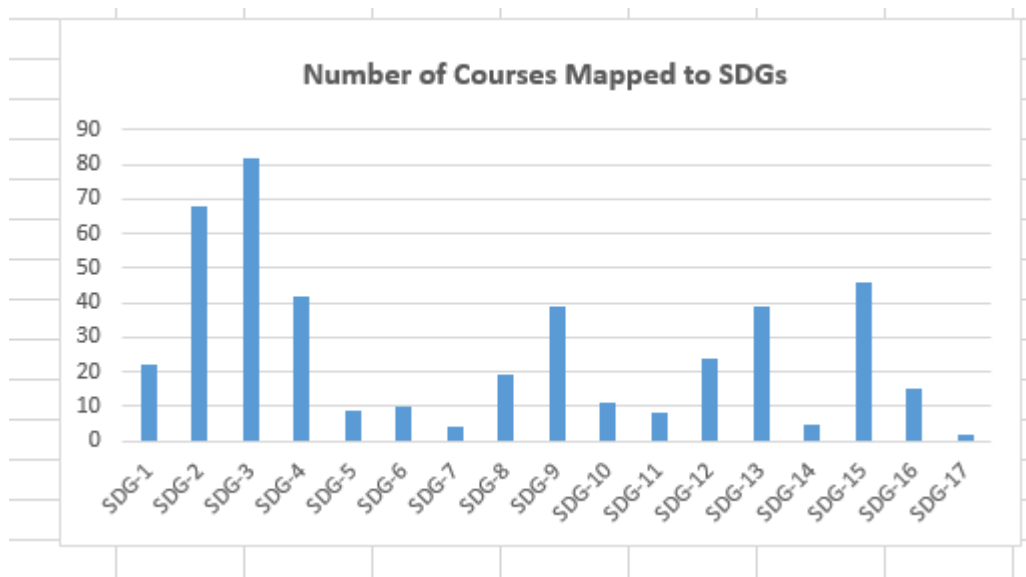


Education for SDGs Commitment to Meaningful Education

University of Poonch Rawalakot (UPR) has a commitment to meaningful education around the SDGs across the university by offering courses in various programs. A bar graph showing number of courses mapped to various SDGs is given below.



SDGs courses are offered in all programs. Total courses offered at UPR with mapping to SDGs with mandatory and elective courses shown separately are tabulated below.

Programs offered at UPR	Total Courses offered	SDG Mapped Courses	Courses not mapped with SDG	Mandatory Courses	Elective Courses
BS phys	56	5	51	4	1
MS phy	8	2	6	1	1
BS Botany	49	5	44	3	2
M.Phil/Ph.D. Botany	12	6	6	0	6
BSCS and BSSE	42	21	21	18	3
BS Mathematics	47	19	28	17	2
M.Phil Mathematics	12	6	6	2	4
Pharm-D	29	14	15	14	0
M.Phil. Pharmacy	12	6	6	1	5
BS Zoology	66	11	55	3	8
M. Phil./PhD Zoology	18	9	9	0	9
BS Psychology	48	17	31	8	9
BS Islamic Studies	44	6	38	6	0
Mphil Islamic Studies	8	1	7	1	0
BS Busniess Administration	47	15	32	13	2
DVM	70	52	18	52	0
BS Commerce	44	8	36	8	0

B.S Nutrition & Dietetics	62	29	33	23	0
MA English	21	3	18	3	0
B.S English	45	13	32	11	2
B.S Environmental Sciences	42	20	22	17	3
M.Phil/Ph.D Environmental Sciences	13	8	5	8	0
BS Soil & Environmental Sciences	23	10	13	10	0
BS Agronomy	23	6	17	6	0
M.Phil/Ph.D Agronomy	14	6	8	0	6
BS Plant Pathology	24	24	0	22	2
M.Phil/Ph.D Plant Pathology	15	9	6	7	2
BS Entomology	45	20	25	20	0
BS Plant Breeding and Molecular Genetics	22	19	3	19	0
B.Sc (Hons.) Horticulture	23	15	8	15	0
M.Phil/Ph.D. Horticulture	14	7	7	0	7
BS Chemistry	45	4	41	2	2
BEMS	56	5	51	4	1
B.Sc. Electrical Engineering	43	15	31	9	6
M.Sc. Sociology	28	12	16	10	2
BS Sociology	50	13	37	10	3
	1220	445	775	357	88

The detail of courses offered by each department is given as follows.

SDG-1		
Sr. No	Program	Course Title
1.	BS Psychology	Social Psychology (Psy-214)
2.	BS Psychology	Seminars in theories of psychology (PSY-435)
3.	MPhil Islamic Studies	ISL 716 Islamic Economics and Contemporary Economic Systems
4.	BS Business Administration	Introduction to Business
5.	BS Business Administration	SME Management
6.	BS Business Administration	Microeconomics
7.	B.S Nutrition & Dietetics	HND 102 Introduction to Public Health Nutrition
8.	B.S Nutrition & Dietetics	HE-408 Community Nutrition
9.	B.S Environmental Sciences	ENV 412 Natural Resources Management
10.	M.Phil/Ph.D Agronomy	AGR-724 Sustainable Agriculture
11.	BS Plant Pathology	PP-412Seed and Postharvest Pathology
12.	BS Plant Breeding and Molecular Genetics	PBMG 211Introductory Genetics
13.	BS Plant Breeding and Molecular Genetics	PBMG 424Breeding Medicinal Plants
14.	BS Plant Breeding and Molecular Genetics	PBMG 423Genomics in Agriculture
15.	BS Plant Breeding and Molecular Genetics	PBMG 311Principles of Genetics
16.	BS Plant Breeding and Molecular Genetics	PBMG 313Cytogenetics
17.	BS Plant Breeding and Molecular Genetics	PBMG 325Molecular Genetic
18.	M.Sc Sociology	Community Development (SOC-432)
19.	M.Sc Sociology	Social demography (SOC-433)
20.	BS Sociology	Introduction to population studies(SOC-218)
21.	BS Sociology	Community Development (SOC-315)
SDG-2		
1.	DVM	PPRO121 Introduction to Poultry Production
2.	DVM	LPRO 121 Fundamentals of Livestock production
3.	DVM	NUTR231 Principles of Animal Nutrition
4.	DVM	NUTR242 Livestock Feed Resources and Forage Conservation
5.	DVM	EXT241 Livestock Extension Education
6.	DVM	NUTR 353 Poultry Nutrition and Feed Technology
7.	DVM	EPID 361 Zoonoses and Food Safety
8.	DVM	LPRO 364 Principles of Dairy Production
9.	DVM	THER 362 Reproductive Biotechnology
10.	DVM	LPRO 475 Beef and Mutton Production
11.	DVM	PPRO 472 Commercial Poultry Production
12.	DVM	PPRO 483 Breeder and Hatchery Management
13.	DVM	DTECH 591 Dairy Technology
14.	B.S Nutrition & Dietetics	FST-102 Food Processing and Preservation
15.	B.S Nutrition & Dietetics	HND 305 Nutrition and Health Perspectives
16.	B.S Nutrition & Dietetics	HE-304 Meal Planning
17.	B.S Nutrition & Dietetics	HND 302 Assessment of Nutritional Status
18.	B.S. (Food Science and Technology)	FST 221 Food Processing and Preservation

19.	B.S. (Food Science and Technology)	FST 415 Postharvest Technology
20.	B.S. (Food Science and Technology)	FST 322 Food Safety and Quality Management
21.	M. Phil./PhD Environmental Sciences	SS 703 Soil Fertility and Plant Nutrition
22.	BS Agronomy	AGR-211 Field Crop Production
23.	BS Agronomy	AGR-412 Forage and Fodder Production
24.	M.Phil/Ph.D Agronomy	AGR-713 Seed science and technology
25.	BS Plant Pathology	PP-211Introductory Plant Pathology
26.	BS Plant Pathology	PP-221Introduction to Plant Pathogens
27.	BS Plant Pathology	PP-311Introduction to Plant Viruses
28.	BS Plant Pathology	PP-312Introduction to Plant Prokaryotes
29.	BS Plant Pathology	PP-313Introductory Mycology
30.	BS Plant Pathology	PP-314Introduction to Plant Parasitic Nematodes
31.	BS Plant Pathology	PP-323Diseases of Field Crops
32.	BS Plant Pathology	PP-411Diseases of Fruits and Ornamentals
33.	BS Plant Pathology	PP-414Diseases of Vegetable Crops
34.	BS Plant Pathology	PP-423Biology and Cultivation of Edible Fungi
35.	BS Plant Pathology	PP-425Internship / Project Study
36.	BS Plant Pathology	PP-326 Soil-borne Plant Pathogens
37.	M.Phil/Ph.D Plant Pathology	PP-711 Seed Pathology
38.	M.Phil/Ph.D Plant Pathology	PP-713 Post-harvest Pathology
39.	M.Phil/Ph.D Plant Pathology	PP-714 Vector Transmission of Plant Diseases
40.	BS Entomology	ENT-411: Integrated Pest Management
41.	BS Entomology	ENT-323: Agricultural Pests and their Management
42.	BS Entomology	ENT-324: Stored Product Pests and their Management
43.	BS Plant Breeding and Molecular Genetics	PBMG 221Introductory Plant Breeding
44.	BS Plant Breeding and Molecular Genetics	PBMG 312Breeding Field Crops
45.	BS Plant Breeding and Molecular Genetics	PBMG 315Modern Techniques in Plant Breeding
46.	BS Plant Breeding and Molecular Genetics	PBMG 321Breeding Fiber Crops
47.	BS Plant Breeding and Molecular Genetics	PBMG 421Breeding Fodder and Forage Crops
48.	BS Plant Breeding and Molecular Genetics	PBMG 322Breeding Sugar Crops
49.	BS Plant Breeding and Molecular Genetics	PBMG 323Breeding Maize and Millets
50.	BS Plant Breeding and Molecular Genetics	PBMG 411Breeding Oilseed Crops
51.	BS Plant Breeding and Molecular Genetics	PBMG 412Breeding Pulse Crops
52.	BS Plant Breeding and Molecular Genetics	PBMG 413Breeding Vegetable Crops
53.	BS Plant Breeding and Molecular Genetics	PBMG 414Breeding Cereal Crops
54.	BS Plant Breeding and Molecular Genetics	PBMG 415Experimentation in Plant Breeding

55.	B.Sc (Hons.) Horticulture	Hort. 325 Post-Harvest Horticulture
56.	B.Sc (Hons.) Horticulture	Hort. 415 Breeding of Horticultural Crops
57.	B.Sc (Hons.) Horticulture	Hort. 422 Protected Horticulture
58.	M.Phil/Ph.D. Horticulture	Hort.701 Advanced Fruit Science
59.	M.Phil/Ph.D. Horticulture	Hort.702 Advanced Vegetable Science
60.	M.Phil/Ph.D. Horticulture	Hort.703 Fruit Breeding
61.	M.Phil/Ph.D. Horticulture	Hort.704 Vegetable Breeding
62.	M.Phil/Ph.D. Horticulture	Hort. 710 Post-Harvest Physiology
63.	BEMS	PHS-235 Pharmacognocoy
64.	M.Sc Sociology	Social work
65.	B.S Nutrition & Dietetics	HND-201 Contemporary Nutrition
66.	B.S Nutrition & Dietetics	FST-201 Food Chemistry
67.	B.S Nutrition & Dietetics	FST-202 Food Quality Management
68.	B.S Nutrition & Dietetics	FST-101 Introduction to Food Science and Technology
SDG-3		
1.	M.Phil/Ph.D. Physics	PHY-717 Medical Physics
2.	B.S Botany	BOT-6701 Plant Ecology-II
3.	M.Phil/Ph.D. Botany	BOT-714 Economic Botany and Medicinal Plants
4.	Pharm-D	PHYSICAL PHARMACY
5.	Pharm-D	PHARMACEUTICAL CHEMISTRY-IA (ORGANIC
6.	Pharm-D	PHARMACEUTICAL CHEMISTRY-IIA BIOCHEMISTRY)
7.	Pharm-D	PHYSIOLOGY-A
8.	Pharm-D	ANATOMY & HISTOLOGY
9.	Pharm-D	PHARMACY PRACTICE-IIA (DISPENSING PHARMACY)
10.	Pharm-D	PHARMACEUTICAL CHEMISTRY-III A
11.	Pharm-D	PHARMACOLOGY AND THERAPEUTICS-IIA
12.	Pharm-D	PHARMACOGNOSY-IIA (ADVANCED)
13.	Pharm-D	PATHOLOGY
14.	Pharm-D	PHARMACY PRACTICE-IIB (COMMUNITY, SOCIAL & ADMINISTRATIVE PHARMACY)
15.	Pharm-D	PHARMACY PRACTICE-IVA(HOSPITAL PHARMACY)
16.	Pharm-D	PHARMACY PRACTICE-VA (CLINICAL PHARMACY-I)
17.	Pharm-D	PHARMACEUTICAL CHEMISTRY-IVA (MEDICINAL CHEMISTRY)
18.	M.Phil Pharmacy	PHARMACEUTICALMICROBIOLOGY
19.	M.Phil Pharmacy	FORMULATION&PRODUCTDEVELOPMENT
20.	M.Phil Pharmacy	BIOPHARMACEUTICS&PHARMACOKINETICS
21.	M.Phil Pharmacy	ADVANCEDPHARMACEUTICS
22.	M.Phil Pharmacy	CLINICALTRIALSOFRUGS
23.	M.Phil Pharmacy	PHARMACOVIGILANCE
24.	BS Zoology	ZOO-6808 Medical Microbiology
25.	BS Zoology	ZOO-6815 Medical Parasitology
26.	BS Zoology	ZOO-6822 Vector Biology
27.	M. Phil./PhD Zoology	ZOO-712 Medical Parasitology
28.	M. Phil./PhD Zoology	ZOO-717 Medical Virology
29.	M. Phil./PhD Zoology	ZOO-716 Medical Entomology
30.	BS Psychology	Positive Psychology (PSY-325)
31.	BS Psychology	Health Psychology (PSY-429)
32.	DVM	ANAT111 Veterinary Anatomy –I
33.	DVM	ANAT112 General Veterinary Histology

34.	DVM	BIOC 111 Biochemistry
35.	DVM	ANAT123 Veterinary Anatomy– II
36.	DVM	ANAT 124 Systemic Veterinary Histology and Embryology
37.	DVM	MICR121 General Veterinary Microbiology
38.	DVM	PHRM 231 General and Systemic Pharmacology
39.	DVM	PATH231 General Veterinary Pathology
40.	DVM	PARA231 General Veterinary Parasitology and Protozoology
41.	DVM	MICR232 Veterinary Immunology
42.	DVM	BIOL231 Molecular Biology
43.	DVM	MICR243 Veterinary Bacteriology and Mycology
44.	DVM	PATH242 Systemic Veterinary Pathology
45.	DVM	PARA 242 Veterinary Helminthology
46.	DVM	PATH 353 Veterinary Clinical Pathology
47.	DVM	MICR 354 Veterinary Virology
48.	DVM	MADI 351 General and Systemic Veterinary Medicine
49.	DVM	MEDI 363 Veterinary Preventive Medicine-I
50.	DVM	PATH 364 Meat Inspection and Necropsy Practice
51.	DVM	MEDI 472 Veterinary Preventive Medicine-II
52.	DVM	THER 474 Obstetrics and Genital Diseases
53.	DVM	EPID 482 Veterinary Epidemiology and Public Health
54.	DVM	SURG 485 Small Animal Surgery
55.	DVM	PATH 595 Poultry Pathology
56.	DVM	SURG 597 Large Animal Surgery and Shoeing
57.	B.S Nutrition & Dietetics	ANFT-101 Principals of Human Nutrition
58.	B.S Nutrition & Dietetics	HE-102 Maternal and Children Nutrition
59.	B.S Nutrition & Dietetics	ANFT-202 Metabolism of Primary Nutrients
60.	B.S Nutrition & Dietetics	Dietetics I
61.	B.S Nutrition & Dietetics	VMB 202 Introduction to Microbiology and Immunology
62.	B.S Nutrition & Dietetics	HND-301 Dietetics II
63.	B.S Nutrition & Dietetics	HE-301 Applied Nutrition
64.	B.S Nutrition & Dietetics	HND 304 Dietetics III
65.	B.S Nutrition & Dietetics	FN-603 Nutritional Practices in Clinical Care
66.	B.S Nutrition & Dietetics	ANFT-401 Therapeutic Nutrition
67.	B.S. (Food Science and Technology)	FST 315 Principles of Human Nutrition
68.	B.S Environmental Sciences	ENV-324 Public Health and Environment
69.	B.S Environmental Sciences	EVN-214 Psychology
70.	BS Soil & Environmental Sciences	SES-423 Trace Elements in Agriculture
71.	BS Agronomy	AGR-324 Organic Farming
72.	BS Plant Pathology	PP-413 Plant Disease Management
73.	BS Entomology	ENT-716: Insecticide and Public Health
74.	BS Entomology	ENT-314: Insect Pest of House hold men and animal.
75.	BS Entomology	ENT-711: Medical and Veterinary Entomology
76.	B.Sc (Hons.) Horticulture	Hort. 324 Medicinal and Aromatic Plants
77.	BEMS	PEM-114 Principles of Eastern Medicine
78.	BEMS	MED-255 Medicine
79.	BEMS	PHP-351 Pharmacy
80.	M.Sc Sociology	Social Psychology(SOC-313)
81.	M.Sc Sociology	Sociology of Health(SOC-324)
82.	BS Sociology	Public health
83.	B.S. Nutrition & Dietetics	Physiology and Biochemistry of Nutrition

SDG-4		
1.	BS Mathematics	MAT-3101Calculus-I
2.	BS Mathematics	COM-3106Introduction to Computing
3.	BS Mathematics	MAT-4301Calculus-II
4.	BS Mathematics	MAT-4302Introduction to Linear Algebra
5.	BS Mathematics	MAT-4303Probability Theory
6.	BS Mathematics	MAT-4402Numerical Analysis-I
7.	BS Mathematics	MAT-4406Mathematical Computation
8.	BS Mathematics	MAT-5101Real Analysis-I
9.	BS Mathematics	MAT-5102Differential Geometry-I
10.	BS Mathematics	MAT-5103Algebra-I
11.	BS Mathematics	MAT-5104Topology-I
12.	BS Mathematics	MAT-5105Ordinary Differential Equations
13.	BS Mathematics	MAT-5201Real Analysis-II
14.	BS Mathematics	MAT-5202Complex Analysis
15.	BS Mathematics	MAT-5203Algebra-II
16.	BS Mathematics	MAT-5204Functional Analysis-I
17.	BS Mathematics	MAT-6301Partial Differential Equations
18.	BS Mathematics	MAT-6306Modeling and Simulation
19.	BS Mathematics	MAT-6307Optimization Theory
20.	M.Phil.Mathematics	MATH-701Advanced Functional Analysis-I
21.	M.Phil.Mathematics	MATH-703Basics of the Theory of Fluids
22.	M.Phil.Mathematics	MATH-705Advanced Partial Differential Equations
23.	M.Phil.Mathematics	MATH-707Theory of Differential Equations
24.	M.Phil.Mathematics	MATH-709Fixed Point Theory
25.	M.Phil.Mathematics	MATH-711Advanced Numerical Analysis
26.	B.S English	Teaching of English as a Foreign Language ENG-514
27.	B.S English	Psycholinguistics ENG-522
28.	B.S English	Second Language Acquisition ENG-611
29.	B.S English	Language in Education ENG-623
30.	B.S English	Language in Use ENG-311
31.	B.S English	Introduction to Computers CMP-313
32.	B.S English	Advanced Academic Reading & Writing ENG-321
33.	MA English	Teaching of English as a Foreign Language ENG-614
34.	MA English	Psycholinguistics ENG-626
35.	BS Plant Pathology	PP-324Plant Resistance to Diseases
36.	BS Plant Pathology	PP-325Methods and Techniques in Plant Pathology
37.	BS Plant Pathology	PP-415Biotechnology and its Application in Plant Pathology
38.	BS Plant Pathology	PP-421 Introductory Molecular Plant Pathology
39.	BS Plant Pathology	PP-426 Histopathology of Diseased Plants
40.	BS Entomology	ENT-421:Scientific Writing and Presentation
41.	M.Sc Sociology	Sociology of education (SOC-442)
42.	B.S. Nutrition & Dietetics	Communication Sills & Leadership Development
SDG-5		
1.	BS Psychology	Gender Psychology (PSY-412)
2.	BS Psychology	Psychology of Women (PSY-424)
3.	BS Islamic Studies	ISL 522 Textual Study of Muslim Family Laws
4.	BS Business Administration	Human Resource Management
5.	BS Business Administration	Human Resource Development
6.	B.S English	Sociolinguistics ENG-512
7.	B.S English	Anthropological Linguistics ENG-622

8.	MA English	Sociolinguistics ENG-625
9.	BS Sociology	Gender studies (SOC-311)
SDG-6		
1.	BS Islamic Studies	ISL.325 Islam and Science
2.	BS Business Administration	Corporate Social Responsibility
3.	BS Commerce	Principles of Management
4.	BS Commerce	Corporate Social Responsibility
5.	B.S. (Food Science and Technology)	FST-423 Food Plant Layout and Sanitation
6.	B.S Environmental Sciences	ENV 325 Water Resources Management
7.	BS Soil & Environmental Sciences	SES-321 Salt affected Soils and Water Quality
8.	BS Agronomy	AGR- 314 Water Management in Rainfed Areas
9.	BS Entomology	ENT- 415:Agriculture and Environmental Pollution
10.	BEMS	COM-356 Community Medicine
SDG-7		
1.	B.S Physics	PHY- 5603 Nuclear Physics
2.	B.S Physics	PHY- 5603 Nuclear Physics, Elective-II
3.	B.S Botany	BOT-6711 Energy Plantation and Bio-fuels
4.	B.Sc Electrical Engineering	EE-365 Power Generation, Transmission and Distribution
5.	B.Sc Electrical Engineering	EE-E25 Renewable Energy Systems
SDG-8		
1.	B.S Botany	BOT-732 Wild Plants and their Economics Uses
2.	BSCS and BSSE	Operating Systems
3.	BSCS and BSSE	Software Design and Architecture
4.	BSCS and BSSE	Artificial Intelligence
5.	BSCS and BSSE	Computer Communication and Networks
6.	BSCS and BSSE	Object Oriented Programming
7.	BS Zoology	ZOO-6806 Economic Zoology
8.	BS Islamic Studies	ISL 621 Islamic Economics
9.	BS Business Administration	Micro-Economics
10.	BS Business Administration	Macro-Economics
11.	DVM	STAT 471 Bio-statistics
12.	DVM	LEMB 5101 Livestock Economics and Business Management
13.	BS Commerce	Entrepreneurship
14.	B.S Environmental Sciences	DHL- 211 Career Development Skills
15.	B.S Environmental Sciences	ENV-213 Introductory Economics
16.	B.Sc Electrical Engineering	MS-E02 Engineering Economics
17.	B.Sc Electrical Engineering	MS-E03 Engineering Project Management
18.	BS Sociology	Corporate social responsibility (SOC-315)
19.	BS Sociology	Introduction to Economics (ECO-125)
SDG-9		
1.	M.Phil/Ph.D. Physics	PHY-718 Advanced Techniques of Experimental Physics
2.	BSCS and BSSE	Introduction to Information & Communication and Technology

3.	BSCS and BSSE	Programming Fundamentals
4.	BSCS and BSSE	Applied Physics
5.	BSCS and BSSE	Data structures and Algorithms
6.	BSCS and BSSE	Human Computer Interaction
7.	BSCS and BSSE	Software Requirement Engineering
8.	BSCS and BSSE	Web Design and Development
9.	BSCS and BSSE	Software Engineering
10.	BSCS and BSSE	Introduction to Database systems
11.	BSCS and BSSE	Software Construction
12.	BSCS and BSSE	Software Requirement Engineering
13.	BSCS and BSSE	Project Management
14.	BSCS and BSSE	Software Testing
15.	BSCS and BSSE	Visual Programming
16.	Pharm-D	PHARMACEUTICS-IVA (INDUSTRIAL PHARMACY)
17.	Pharm-D	PHARMACEUTICS-VIIA (PHARMACEUTICAL TECHNOLOGY)
18.	BS Psychology	Industrial/Organizational Psychology (PSY-323)
19.	BS Psychology	Leadership in organization (PSY-436)
20.	BS Business Administration	Organizational Development and Change Management
21.	BS Business Administration	Organizational Development
22.	DVM	SURG 362 Diagnostic Imaging
23.	DVM	SURG 473 Anaesthesiology and Intensive Care
24.	BS Entomology	ENT-422: Apiculture
25.	B.Sc Electrical Engineering	ME-123 Workshop Practice
26.	B.Sc Electrical Engineering	EE-241 Microprocessor Systems
27.	B.Sc Electrical Engineering	EE-245 Electrical Machines
28.	B.Sc Electrical Engineering	EE-363 Communication Systems
29.	B.Sc Electrical Engineering	EE-E01 Power Electronics
30.	B.Sc Electrical Engineering	EE-E04 Industrial Electronics
31.	B.Sc Electrical Engineering	EE-E06 FPGA Based System Design
32.	B.Sc Electrical Engineering	Applied Thermodynamics
33.	B.Sc Electrical Engineering	Instrumentation and Measurements
34.	B.Sc Electrical Engineering	Linear Control System
35.	B.Sc Electrical Engineering	EE-471, 472 Final Year Project
36.	M.Sc Sociology	Social change and development (SOC-323)
37.	M.Sc Sociology	Urban Sociology(SOC-324)
38.	BS Sociology	Globalization (SOC-313)
39.	BS Sociology	Industrial sociology
SDG-10		
1.	BS Psychology	Social Psychology(PSY-214)
2.	BS Psychology	Gender Psychology (PSY-412)
3.	BS Business Administration	HRM
4.	BS Business Administration	Compensation Management
5.	B.S English	Sociolinguistics ENG-512
6.	B.S English	Discourse Analysis ENG-521
7.	B.S English	Islamic Studies ISL-312
8.	B.S English	Introduction to Sociology SOC-314
9.	M.Sc Sociology	Social problems of Pakistan & AJK(SOC-314)
10.	BS Sociology	Social issues of Pakistan (SOC-223)
11.	BS Sociology	Sociology of human rights

SDG-11		
1.	BS Business Administration	Project Management
2.	BS Commerce	Corporate Social Responsibility
3.	B.S Nutrition & Dietetics	RS-102 Rural Sociology and Development
4.	B.S Environmental Sciences	ENV-223 Environmental Pollution
5.	B.S Soil & Environmental Sciences	SES-324 Municipal and Agro Waste Management
6.	BS Plant Pathology	PP-322Introductory Range and Forest Pathology
7.	BS Sociology	Project planning and development (Soc-224)
8.	BS Sociology	Sustainable development
SDG-12		
1.	B.S Physics	PHY- 5603 Radiation & Medical Physics
2.	B.S Botany	BOT-4402 Environmental Biology
3.	BSCS and BSSE	Marketing and Entrepreneurship
4.	BS Business Administration	Operation Management
5.	DVM	LPRO 242 Animal Breeding and Genetics – I
6.	DVM	LPRO 353 Animal Breeding and Genetics – II
7.	B.S Nutrition & Dietetics	HND-303 Nutrition Epidemiology and Public Health
8.	B.S. (Food Science and Technology)	Fruits and Vegetable Processing
9.	B.S Environmental Sciences	ENV 315 Eco Tourism
10.	M.Phil/Ph.D Agronomy	AGR-704Agro-EnvironmentConservation
11.	BS Plant Pathology	PP-321Plant Quarantine and SPS measures
12.	M.Phil/Ph.D Plant Pathology	PP-712 Integrated Plant Disease Management
13.	B.Sc (Hons.) Horticulture	Hort. 221 Horticultural Crop Production
14.	B.Sc (Hons.) Horticulture	Hort. 311 Principles of Fruit Production
15.	B.Sc (Hons.) Horticulture	Hort. 312 Principles of Vegetable Production
16.	B.Sc (Hons.) Horticulture	Hort. 321 Tropical & Sub-Tropical Fruits
17.	B.Sc (Hons.) Horticulture	Hort. 322 Summer Vegetables
18.	B.Sc (Hons.) Horticulture	Hort. 412 Temperate Fruits
19.	B.Sc (Hons.) Horticulture	Hort. 413 Winter Vegetables
20.	M.Phil/Ph.D. Horticulture	Hort.706 Rootstocks for Horticultural Crops
21.	M.Sc Sociology	Project planning and management (SOC-443)
22.	BS Chemistry	CHM-6705 Polymer Chemistry
23.	BS Chemistry	CHM-5502 Organic Chemistry-I
24.	BS Chemistry	CHM-5602 Organic Chemistry-II
SDG-13		
1.	B.S Physics	PHY- 6709 Environmental Physics
2.	B.S Physics	PHY- 6710 Renewable energy sources
3.	B.S Botany	BOT-6806 Environmental Issues
4.	M.Phil/Ph.D. Botany	BOT-704 Environmental Biology of Plants
5.	M.Phil/Ph.D. Botany	BOT-733 Environmental Impact Assessment and Solid Waste Management
6.	M.Phil/Ph.D. Botany	BOT-731 Advances in Environmental Biology
7.	BS Zoology	ZOO-5504 Environmental Biology
8.	BS Zoology	ZOO-6808 Environmental Issues
9.	M. Phil./PhD Zoology	ZOO-704 Environmental Issues in Pakistan
10.	BS Psychology	Human Resource Management (HRM-422)
11.	BS Psychology	Environmental Psychology (PSY-452)
12.	BS Psychology	Climate change and disaster management (PSY-443)

13.	DVM	PARA353 Veterinary Entomology and Acarology
14.	B.S Environmental Sciences	ENV-415 Environmental Governance
15.	B.S Environmental Sciences	ENV-411 Climate Change
16.	B.S Environmental Sciences	ENV-111 Introduction to Environmental Sciences
17.	B.S Environmental Sciences	ENV-224 Climatology
18.	B.S Environmental Sciences	ENV-211 Environmental Chemistry
19.		PY-212 Environmental Physics
20.	B.S Environmental Sciences	ENV-226 Environmental Profiles of Pakistan
21.	B.S Environmental Sciences	ENV-312 Environmental Toxicology
22.	B.S Environmental Sciences	ENV-313 Environmental Impact Assessment
23.	B.S Environmental Sciences	ENV 314 Environmental Management System
24.	BS Soil & Environmental Sciences	SES 315 Introduction to Environmental Sciences
25.	BS Soil & Environmental Sciences	Agr-326 Environmental Pollution, Climate Change and its Management
26.	BS Soil & Environmental Sciences	SES 412 Environmental Pollution and Management
27.	BS Agronomy	AGR-321 Introduction to Crop Modeling
28.	M.Phil/Ph.D Agronomy	AGR-727 Climate Change and Agriculture
29.	BS Plant Pathology	PP-315 Plant Disease Epidemiology
30.	BS Plant Pathology	PP-422 Pesticides, their Action and Application
31.	BS Entomology	ENT- 703: Environmental Entomology
32.	BS Entomology	ENT-325: Beneficial Insects
33.	BS Entomology	ENT-414: Range and Forest Entomolog
34.	BS Entomology	ENT-423: Biological Control of Insect Pests
35.	BS Entomology	ENT-424: Pest Forecasting and management
36.	BS Plant Breeding and Molecular Genetics	PBMG 324 Biodiversity and Plant Genetic Resources
37.	M.Phil/Ph.D. Horticulture	Hort-713 Environmental Horticulture
38.	M.Sc Sociology	Environmental Sociology (SOC-435)
39.	BS Chemistry	CHM-6717 Introduction to Environmental Chemistry
SDG-14		
1.	M.Phil/Ph.D. Botany	BOT-705 Water Relations of Plants
2.	BS Zoology	ZOO-6707 Fisheries and Aquaculture
3.	M. Phil./PhD Zoology	ZOO-705 Fish Physiology and Breeding
4.	M. Phil./PhD Zoology	ZOO-719 Advances in Aquaculture
5.	M. Phil./PhD Zoology	AQUA 481 Fisheries and Aquaculture
SDG-15		
1.	B.S Botany	BOT-6801 Principals of Biotechnology
2.	BS Zoology	ZOO-6801 Animal Behaviour
3.	BS Zoology	ZOO-6822 Wildlife
4.	BS Zoology	ZOO-6818 Ornithology
5.	BS Zoology	ZOO-6704 Biodiversity and Wildlife
6.	M. Phil./PhD Zoology	ZOO-707 Wildlife of Pakistan and Azad Jammu and Kashmir
7.	M. Phil./PhD Zoology	ZOO-723 Biology of Birds and Mammals in Pakistan and AJK
8.	M. Phil./PhD Zoology	ZOO-728 Behavioral Zoology
9.	DVM	THER351 Veterinary Reproductive Physiology
10.	DVM	PHYS 111 Veterinary Physiology-I

11.	DVM	PHYS 112 Veterinary Physiology-II
12.	DVM	ZOOL231 Lab and Zoo Animal Management
13.	DVM	PHRM 242 Veterinary Chemotherapy and Toxicology
14.	B.S Environmental Sciences	ENV-323 Environment Monitoring
15.	B.S Environmental Sciences	ENV-221 Fundamentals of Ecology
16.	B.S Environmental Sciences	ENV-222 Environmental Microbiology
17.	B.S Environmental Sciences	ENV-322 Biodiversity and Conservation
18.	B.S Environmental Sciences	ENV-311 Pollutant movement in Soil
19.	B.S Environmental Sciences	ENV-326 Soil and Environment
20.	M. Phil./PhD Environmental Sciences	SS 713 Advanced Soil Physcis
21.	M. Phil./PhD Environmental Sciences	SS 704 Soil Microbiology and Biochemistry
22.	M. Phil./PhD Environmental Sciences	SS-702 Soil Chemistry
23.	M. Phil./PhD Environmental Sciences	SS 706 Salt affected and Water logged Soils
24.	M. Phil./PhD Environmental Sciences	SS 709 Soil Plant Relationship
25.	M. Phil./PhD Environmental Sciences	SS 711 Advanced Soil Fertility
26.	M. Phil./PhD Environmental Sciences	SS 712 Advanced Soil Microbiology
27.	BS Soil & Environmental Sciences	SES-411 Soil Micorbiology
28.	BS Soil & Environmental Sciences	SES- 414 Carbon Sequestration in soil
29.	BS Soil & Environmental Sciences	SES- 413 Soil and Water Conservation
30.	BS Soil & Environmental Sciences	SES- 422 Land Degradation and Management
31.	BS Agronomy	AGR-322 Agro Ecology
32.	M.Phil/Ph.D Agronomy	AGR-702 Applied Crop Ecology
33.	M.Phil/Ph.D Agronomy	AGR-724 Sustainable Agriculture
34.	M.Phil/Ph.D Plant Pathology	PP-704 Fungal Plant Pathology
35.	M.Phil/Ph.D Plant Pathology	PP-707 Plant Nematology
36.	M.Phil/Ph.D Plant Pathology	PP-703 Fungal systematics
37.	BS Entomology	ENT-702: Origin and Phylogeny of Insects
38.	BS Entomology	ENT-311: Insect Morphology
39.	BS Entomology	ENT-312: Principle of Insect Taxonomy
40.	BS Entomology	ENT- 313: Insect Ecology
41.	BS Entomology	ENT-322: Insect Classification and Biodiversity
42.	B.Sc (Hons.) Horticulture	Hort. 421 Vegetable & Flower Seed Production
43.	B.Sc (Hons.) Horticulture	Hort. 414 Commercial Flower Production
44.	B.Sc (Hons.) Horticulture	Hort. 314 Propagation and Nursery Management
45.	B.Sc (Hons.) Horticulture	Hort. 323 Landscape Horticulture
46.	BS Sociology	Environmental science

SDG-16		
1.	BSCS and BSSE	Professional Ethics
2.	Pharm-D	PHARMACY PRACTICE-VIIA (FORENSIC PHARMACY)
3.	BS Psychology	Social Psychology PSY-(214)
4.	BS Psychology	Muslim Psychology(PSY-431)
5.	BS Psychology	Seminars in theories of psychology (PSY-435)
6.	BS Islamic Studies	Objectives & Philosophy of Shari'ah
7.	BS Islamic Studies	ISL 623IHL in Islamic & International Law: A Comparative Study
8.	BS Business Administration	Corporate Law
9.	DVM	LPRO 596 Animal Welfare and Ethics
10.	BS Commerce	Economic issues of Pakistan
11.	BS Commerce	SME Management
12.	BS Commerce	Corporate Governance
13.	BS Commerce	Entrepreneurship
14.	BS Sociology	Political sociology (SOC-323)
15.	BS Sociology	Peace & Conflict
SDG-17		
1.	M.Phil/Ph.D Plant Pathology	PP-715 Forest and Shade Tree Pathology
2.	M.Phil/Ph.D Plant Pathology	PP-720 Plant Pathology and International Obligations

Links to Prospectus showing courses

<https://upr.edu.pk/downloads/prospectus-2022-23>