

TOTAL COURSE-PROGRAMME OUTCOMES RELATIONSHIP

| | | | | | Programme Outcomes | | | | | | | | | | | | |
|-------------|------------------------------|---|---|------|--------------------|---|---|---|---|---|---|---|---|----|----|----|----|
| Course code | Course name | T | P | ECTS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| | 1st Semester | | | | | | | | | | | | | | | | |
| TEM5001 | SCIENTIFIC RESEARCH METHODS | 2 | 0 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| BIY5003 | SPECIAL TOPICS-I | 5 | 0 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 |
| BIY5005 | THESIS RESEARCH | 0 | 1 | 20 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| BIY5007 | SEMINAR | 0 | 2 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| BIY7001 | CONSERVATION OF BIODIVERSITY | 3 | 0 | 8 | 4 | 4 | 3 | 4 | 5 | 4 | 3 | 4 | 4 | 3 | 5 | 4 | 5 |
| BIY7003 | BIOTERMINOLOGY | 3 | 0 | 8 | 4 | 4 | 4 | 4 | 5 | 4 | 3 | 4 | 4 | 4 | 4 | 3 | 5 |
| BIY7005 | PHYLOSOPHY OF BIOLOGY | 3 | 0 | 8 | 3 | 3 | 4 | 2 | 4 | 2 | 3 | 3 | 4 | 3 | 2 | 4 | 4 |
| BIY5101 | ADVANCED BIOLOGIICAL CONTROL | 2 | 0 | 6 | 4 | 3 | 5 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 3 | 3 | 4 |
| BIY5103 | PLANT CELL METABOLISM | 2 | 0 | 6 | 4 | 2 | 3 | 2 | 3 | 4 | 3 | 3 | 2 | 3 | 2 | 3 | 4 |
| BIY5105 | MEDICAL BIOLOGY | 2 | 0 | 6 | 4 | 4 | 5 | 4 | 3 | 4 | 4 | 4 | 3 | 5 | 4 | 4 | 5 |
| BIY5107 | MUSEOLOGY | 2 | 0 | 6 | 2 | 2 | 1 | 2 | 3 | 2 | 1 | 2 | 2 | 3 | 3 | 2 | 3 |
| BIY5113 | TICKS AND MEDICAL IMPORTANCE | 2 | 0 | 6 | 2 | 2 | 1 | 2 | 1 | 1 | 2 | 3 | 2 | 2 | 1 | 2 | 2 |

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| BIY5157 | MAMMALS KARYOTYPE PREPARATION AND EVALUATION TECHNIQUES | 2 | 0 | 6 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 |
| BIY5159 | SPIDER OF SILK AND APPLICATION AREAS | 2 | 0 | 6 | 5 | 5 | 3 | 4 | 3 | 5 | 4 | 4 | 5 | 3 | 4 | 5 | 5 |
| BIY5161 | SEED PHYSIOLOGY | 2 | 0 | 6 | 5 | 4 | 3 | 5 | 4 | 3 | 5 | 4 | 3 | 5 | 4 | 3 | 5 |
| BIY5163 | FERNS | 2 | 0 | 6 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 4 |
| BIY5165 | GENOTOXICITY TESTS | 2 | 0 | 6 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 5 |
| BIY5167 | INDUSTRIAL APPLICATIONS OF BIOTECHNOLOGY | 2 | 0 | 6 | 5 | 5 | 3 | 4 | 3 | 5 | 4 | 4 | 5 | 3 | 4 | 5 | 5 |
| BIY5169 | SMALL ARACHNIDE FAMILIES | 3 | 0 | 8 | 3 | 4 | 5 | 3 | 4 | 5 | 3 | 4 | 5 | 3 | 4 | 5 | 3 |
| BIY5171 | FOSSIL ARACHNIDS | 3 | 0 | 8 | 5 | 5 | 3 | 4 | 3 | 5 | 4 | 4 | 5 | 3 | 4 | 5 | 5 |
| BIY5175 | MUSHROOM BIOLOGY AND ITS APPLICATIONS | 3 | 0 | 8 | 4 | 4 | 3 | 4 | 3 | 5 | 4 | 4 | 5 | 3 | 4 | 4 | 4 |
| | 2nd Semester | | | | 2 | | | | | | | | | | | | |
| BIY5004 | SPECIAL TOPICS-II | 5 | 0 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| BIY5006 | THESIS RESEARCH | 0 | 1 | 20 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 |
| BIY5008 | SEMINAR | 0 | 2 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| BIY7002 | BIOCLIMATOLOGY | 3 | 0 | 8 | 4 | 4 | 3 | 4 | 5 | 4 | 3 | 4 | 4 | 3 | 5 | 4 | 5 |
| BIY7004 | IMAGING TECHNIQUES IN BIOLOGY | 3 | 0 | 8 | 4 | 4 | 4 | 4 | 5 | 4 | 3 | 4 | 4 | 4 | 4 | 3 | 5 |

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| BIY5102 | PROTOZOOLOGY | 2 | 0 | 6 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 3 | 3 |
| BIY5104 | CONTROL MECHANISMS OF APHIDS | 2 | 0 | 6 | 4 | 4 | 4 | 4 | 3 | 5 | 4 | 4 | 4 | 4 | 2 | 3 | 3 |
| BIY5106 | CAVE BIOLOGY | 2 | 0 | 6 | 2 | 2 | 2 | 2 | 3 | 1 | 2 | 3 | 2 | 1 | 1 | 2 | 3 |
| BIY5110 | INSECT BEHAVIOUR | 2 | 0 | 6 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 3 | 3 |
| BIY5112 | MANGE MITES AND MEDICAL IMPORTANCE MIITES | 2 | 0 | 6 | 2 | 1 | 2 | 3 | 2 | 3 | 2 | 1 | 3 | 3 | 2 | 3 | 3 |
| BIY5114 | IDENTIFICATION AND CONTROL METHODS OF TICKS | 2 | 0 | 6 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 1 | 2 |
| BIY5116 | BRYOPHYTE ECOLOGY-II | 2 | 0 | 6 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 3 | 4 | 5 |
| BIY5122 | ARACHNOLOGY | 3 | 0 | 8 | 2 | 2 | 2 | 2 | 3 | 1 | 2 | 3 | 2 | 1 | 1 | 2 | 3 |
| BIY5126 | SCORPIONS AND SCORPIONS OF TURKEY | 3 | 0 | 8 | 3 | 3 | 4 | 3 | 4 | 3 | 2 | 4 | 3 | 4 | 3 | 2 | 3 |
| BIY5128 | ANGIOSPERM EMBRYOLOGY | 3 | 0 | 8 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 |
| BIY5130 | VENOMOUS ANIMALS AND TOXINS | 2 | 0 | 6 | 2 | 1 | 2 | 3 | 2 | 3 | 2 | 1 | 3 | 3 | 2 | 3 | 3 |
| BIY5132 | TERMINOLOGY OF ENTOMOLOGY | 3 | 0 | 8 | 3 | 3 | 4 | 3 | 4 | 3 | 2 | 4 | 3 | 4 | 3 | 2 | 3 |
| BIY5134 | EXPERIMENTAL ANIMALS AND STUDY TECHNIQUES | 3 | 0 | 8 | 4 | 4 | 3 | 4 | 5 | 4 | 3 | 2 | 2 | 3 | 2 | 4 | 3 |
| BIY5136 | ECTOPARASITES AND PROTOZOAN DISEASES OF POULTRY | 3 | 0 | 8 | 1 | 1 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 |

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| BIY5138 | ACARISIDS, INSECTICIDS AND THEIR APPLICATION METHODS | 3 | 0 | 8 | 1 | 1 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 2 |
| BIY5140 | BIOLOGY OF BRYOPHYTE | 3 | 0 | 10 | 5 | 4 | 3 | 5 | 4 | 3 | 5 | 4 | 3 | 5 | 4 | 3 | 5 |
| BIY5142 | SPECIES AND SPECIATION | 2 | 0 | 6 | 5 | 4 | 3 | 5 | 4 | 3 | 5 | 4 | 3 | 5 | 4 | 3 | 5 |
| BIY5144 | ANIMAL DEVELOPMENT AND METAMORPHOSIS | 3 | 0 | 8 | 3 | 3 | 4 | 3 | 4 | 3 | 2 | 4 | 3 | 4 | 3 | 2 | 3 |
| BIY5146 | BRYOPHYTE TAXONOMY | 3 | 0 | 8 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 2 | 4 | 3 | 4 |
| BIY5152 | VEGETATION DYNAMICS | 2 | 0 | 6 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 2 | 4 | 3 | 4 |
| BIY5154 | PRINCIPLES OF PLANT IDENTIFICATION | 2 | 0 | 6 | 3 | 3 | 4 | 3 | 4 | 3 | 2 | 4 | 3 | 4 | 3 | 2 | 3 |
| BIY5158 | ZOOGEOGRAPHY | 2 | 0 | 6 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 2 | 4 | 3 | 4 |
| BIY5160 | THE WORLD OF SPIDERS AND THEIR TERMINOLOGY | 3 | 0 | 8 | 5 | 4 | 3 | 5 | 4 | 3 | 5 | 4 | 3 | 5 | 4 | 3 | 5 |
| BIY5162 | BACTERIAL IZOLATION AND IDENTIFICIATION | 2 | 0 | 6 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 2 | 4 | 3 | 4 |
| BIY5164 | RODENTS OF TURKEY | 2 | 0 | 6 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 |
| BIY5168 | POPULATION GENETICS | 2 | 0 | 6 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 3 | 4 | 5 |
| BIY5170 | ENVIRONMENTAL IMPACT ASSESSMENT | 3 | 0 | 8 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 2 | 4 | 3 | 4 |
| BIY5172 | PLANT NUTRITION DISORDERS | 2 | 0 | 6 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 2 | 4 | 3 | 4 |

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| BIY5176 | OPILIONES (HARVESTMEN) | 2 | 0 | 6 | 4 | 3 | 4 | 4 | 5 | 3 | 4 | 4 | 3 | 3 | 4 | 3 | 5 |
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* Level of Contribution: 0-None, 1-Lowest, 2-Low, 3-Average, 4-High, 5-Highest