

## List of Courses – FYUGP

NSS College, Pandalam

Name of the Department: **Zoology**

**Semester: I**

### Discipline Specific Core (DSC)

Sl. No.	Course Code	Name of the Course
1	UK1DSCZOO101	Non-Chordate Diversity -Part I (Mandatory)
2	UK1DSCZOO102	Diversity of Non-Chordates (Mandatory)
3	UK1DSCZOO103	Wildlife Biology and Conservation

### Multidisciplinary Courses (MDC)

Sl. No.	Course Code	Name of the Course
1	UK1MDCZOO101	Health and Sex Education

**Semester: II**

### Discipline Specific Core (DSC)

Sl. No.	Course Code	Name of the Course
1	UK2DSCZOO101	Non-Chordate Diversity -Part II (Mandatory)
2	UK2DSCZOO102	Wildlife Ecology
3	UK2DSCZOO103	Aquatic Ecosystems and Sustainable Management

### Multidisciplinary Courses (MDC)

Sl. No.	Course Code	Name of the Course
1	UK2MDCZOO101	Global Climate Change

**Semester: III**

### Discipline Specific Core (DSC)

Sl. No.	Course Code	Name of the Course
1	UK3DSCZOO201	Chordate Diversity -Part I (Mandatory)
2	UK3DSCZOO202	Diversity of Chordates (Mandatory)
3	UK3DSCZOO205	Human Parasitology and Vector-borne Diseases

**Discipline Specific Elective (DSE)**

<b>Sl. No.</b>	<b>Course Code</b>	<b>Name of the Course</b>
1	UK3DSEZOO203	Environmental Science I- Global Environmental Issues

**Semester: IV****Discipline Specific Core (DSC)**

<b>Sl. No.</b>	<b>Course Code</b>	<b>Name of the Course</b>
1	UK4DSCZOO201	Chordate Diversity -Part II (Mandatory)
2	UK4DSCZOO202	Evolution and Zoogeography (Mandatory)

**Discipline Specific Elective (DSE)**

<b>Sl. No.</b>	<b>Course Code</b>	<b>Name of the Course</b>
1	UK4DSEZOO203	Environmental Science II – Environmental Pollution

**Summer Internship**

<b>Sl. No.</b>	<b>Course Code</b>	<b>Name of the Course</b>
1	UK4INTZOO200	Summer Internship

**Skill Enhancement Courses (SEC)**

<b>Sl. No.</b>	<b>Course Code</b>	<b>Name of the Course</b>
1	UK4SECZOO201	Livestock Management

**Value Added Courses (VAC)**

<b>Sl. No.</b>	<b>Course Code</b>	<b>Name of the Course</b>
1	UK4VACZOO202	Bioeconomics and Ecotourism

**Semester: V****Discipline Specific Core (DSC)**

<b>Sl. No.</b>	<b>Course Code</b>	<b>Name of the Course</b>
1	UK5DSCZOO301	Developmental Biology (Mandatory)
2	UK5DSCZOO302	Animal Physiology (Mandatory)
3	UK5DSCZOO303	Microbiology and Immunology

**Discipline Specific Elective (DSE)**

<b>Sl. No.</b>	<b>Course Code</b>	<b>Name of the Course</b>
1	UK5DSEZOO301	Ecology and Disaster Management (Mandatory)
2	UK5DSEZOO304	Environmental Science III-Environmental Monitoring and Ecosystem Restoration

**Semester: VI****Discipline Specific Core (DSC)**

<b>Sl. No.</b>	<b>Course Code</b>	<b>Name of the Course</b>
1	UK6DSCZOO301	Cell and Molecular Biology (Mandatory)
2	UK6DSCZOO302	Genetics and Biotechnology (Mandatory)
3	UK6DSCZOO303	Biochemistry

**Discipline Specific Elective (DSE)**

<b>Sl. No.</b>	<b>Course Code</b>	<b>Name of the Course</b>
1	UK6DSEZOO301	Animal Behaviour and Chronobiology (Mandatory)
2	UK6DSEZOO304	Environmental Science IV- Green Technologies

**Skill Enhancement Courses (SEC)**

<b>Sl. No.</b>	<b>Course Code</b>	<b>Name of the Course</b>
1	UK6SECZOO301	Ornamental Fish Production and Aquarium Management

**Semester: VII**

**Discipline Specific Core (DSC)**

<b>Sl. No.</b>	<b>Course Code</b>	<b>Name of the Course</b>
1	UK7DSCZOO401	Instrumentation and Biological Techniques
2	UK7DSCZOO404	Human Physiology: The Life Sustaining Systems

**Discipline Specific Elective (DSE)**

<b>Sl. No.</b>	<b>Course Code</b>	<b>Name of the Course</b>
1	UK7DSEZOO401	Research Methodology and Biostatistics (Mandatory)

**Semester: VIII**

**Project**

<b>Sl. No.</b>	<b>Course Code</b>	<b>Name of the Course</b>
1	UK8RPHZOO400	Project