

## FYUGP- BOTANY

<b>SEMESTER</b>	<b>COURSE</b>	<b>COURSENAME</b>	<b>COURSECODE</b>
1	DSC1	PLANT WORLD 1	UK1DSCBOT101
	DSC2	FUNDAMENTALS AND THE SCOPE OF BOTANY	UK1DSCBOT103
	DSC3	PLANTS IN DAILY LIFE	UK1DSCBOT104
	MDC	FLORICULTURE	UK1MDCBOT102
2	DSC1	PLANT WORLD 2	UK2DSCBOT101
	DSC2	REPRODUCTIVE BOTANY AND MICROTECHNIQUE	UK2DSCBOT103
	DSC3	PHYCOLOGY, MYCOLOGY AND PLANT PATHOLOGY	UK2DSCBOT104
	MDC	ORGANIC FARMING	UK2MDCBOT103
3	DSC1	HISTOLOGY AND REPRODUCTIVE BOTANY	UK3DSCBOT201
	DSC2	BRYOPHYTES, PTERIDOPHYTES AND GYMNOSPERMS	UK3DSCBOT203
	DSC3	ENVIRONMENTAL SCIENCE	UK3DSCBOT204
	DSE	ETHNOBOTANY AND IPR	UK3DSEBOT201
	VAC	GREEN INITIATIVES FOR SUSTAINABILITY	UK3VACBOT201
4	DSC1	LOWERCRYPTOGAMS, PHYTOPATHOLOGY AND MICROBIOLOGY	UK4DSCBOT201
	DSC2	ARCHEOGONIATES AND PALEOBOTANY	UK4DSCBOT202
	DSE	HERBAL TECHNOLOGY	UK4DSEBOT201
	VAC	ENTREPRENEURSHIP IN PLANT SCIENCE	UK4VACBOT201
	VAC	PHYTONUTRACEUTICALS	UK4VACBOT203
	SEC	MUSHROOM CULTIVATION	UK4SECBOT201

5	DSC1	ANGIOSPERM MORPHOLOGY AND PLANTSYSTEMATICS	UK5DSCBOT301
	DSC2	PLANTGENETICS	UK5DSCBOT302
	DSC3	CELL BIOLOGY AND EVOLUTIONARY BIOLOGY	UK5DSCBOT303
	DSE	HORTICULTURE NURSERY MANAGEMENT	UK5DSEBOT302
	DSE	PLANT BIOTECHNOLOGY	UK5DSEBOT304
	SEC	BIO FERTILIZERS AND BIOPESTICIDES	UK5SECBOT302
6	DSC1	PLANT PHYSIOLOGY	UK6DSCBOT301
	DSC2	ENVIRONMENTAL SCIENCE AND CONSERVATION BIOLOGY	UK6DSCBOT302
	DSC3	BIOCHEMISTRY AND MOLECULARBIOLOGY	UK6DSCBOT303
	DSE1	PLANTPROPAGATION AND CROPIMPROVEMENT	UK6DSEBOT301
	DSE2	PHYTO CHEMISTRY AND DRUG DISCOVERY	UK6DSEBOT302
	SEC	HERBALCOSMETICS	UK6SECBOT301
7	DSC1	METHODOLOGY IN BIOLOGICAL RESEARCH	UK7DSCBOT401
	DSC2	PLANTINTER ACTION AND DEFENCE MECHANISM	UK7DSCBOT402
	DSC	GENETIC ENGINEERING	UK7DSCBOT301
	DSC	HEREDITARYSCIENCE	UK7DSCBOT303
	DSC	BIODIVERSITY AND CONSERVATION	UK7DSCBOT304
	DSE	AQUATIC BOTANY	UK7DSEBOT403
8	DSC1	APPLIED ASPECTS OF THALOPHYTES	UK8DSCBOT401
	DSC2	APPLIED ASPECTS OF ARCHEGONIATES	UK8DSCBOT402
	DSC3	BIOINFORMATICS	UK8DSCBOT403

FYUGP BOTANY C o m p l e m e n t a r y Course–Zoology			
Semester	Course		Course Code
1	DSC1	Non-chordate Diversity Part-I (Mandatory)	UK1DSCZOO101
	DSC2	Diversity of Non-chordates (Mandatory)	UK1DSCZOO102
	MDC	Health and Sex Education	UK1MDCZOO101
2	DSC1	Non-chordate Diversity Part-II (Mandatory)	UK2DSCZOO101
	DSC2	Aquatic Ecosystem and Sustainable Development	UK2DSCZOO103
	MDC	Global Climate Change	UK2MDCZOO101
3	DSC1	Chordate Diversity Part-1 (Mandatory)	UK3DSCZOO201
	DSC2	Diversity of chordates (Mandatory)	UK3DSCZOO202

### COMPLEMENTARY COURSE CHEMISTRY

Semester	Course		Course Code
SEM 1	DSC	General chemistry I	UK1DSCCHE105
	MDC	Fundamental aspects of environmental chemistry	UK1MDCCHE100
SEM 2	DSC	Biomolecules and biophysical chemistry- I	UK2DSCCHE105
	MDC	Food chemistry	UK2MDCCHE101
SEM 3	DSC	General chemistry III	UK3DSCCHE206
	VAC	Laboratory safety	UK3VACCHE200
SEM 4	DSC	Analytical principles - I	UK4DSCCHE201
	VAC	Sustainable chemistry	UK4VACCHE200
	SEC	Water quality analysis	UK4SECCHE200
SEM 5	DSC	Inorganic chemistry III B	UK5DSCCHE305
	SEC	Preparation & formulation of herbal products	UK5SECCHE301
SEM 6	DSC	Physical chemistry - IV	UK6DSCCHE304
	SEC	Chromatography	UK6SECCHE300

### AEC -OL-Malayalam

Semester	Category	Course Name	Course Code
1	AEC	ഭാഷാകേളിപഠനം	UK1AECMAL100
	AEC	കഥാലോകം	UK1AECMAL107
2	AEC	പ്രചോദനാത്മക സാഹിത്യം	UK2AECMAL100
	AEC	കേരളീയ ഗാനപാരമ്പര്യം	UK2AECMAL103

### AEC -OL-Hindi

Semester	Category	Course Name	Course Code
	AEC	HINDI EKANKI( For BA Students)	UK1AECHIN100
	AEC	HINDI KHANI( For BSc Students)	UK1AECMAL102

1	AEC	HINDI KAVITHA ( For Bcom Students)	UK1AECMAL103
	AEC	HINDI DRAMA ( For All UG Students)	UK1AECMAL104
2	AEC	HINDI SANRACHANA AUR WEB LEKHAN( For BA Students)	UK2AECHIN100
	AEC	JEEVANI AATHMAKATHA AUR SOCIAL MEDIA( For BSc Students)	UK2AECMAL102
	AEC	VYAVAHARIK HINDI ( For Bcom Students)	UK2AECMAL103
	AEC	HINDI CINEMA ( For All UG Students)	UK2AECMAL104

### **FYUGP Course Basket (AEC -ENGLISH)**

<b>Semester</b>	<b>Category</b>	<b>Course Name</b>	<b>Course Code</b>
1	AEC 1	Listening and Speaking in English	UK1AECENG113
	AEC 2	Food, Literature and Culture 1	UK1AECENG102
	AEC 3	Science Through the Prism of English I	UK1AECENG103
	AEC 4	Business Communication I	UK1AECENG104
	AEC 5	Reading Literature I	UK1AECENG110
	AEC 6	Voices of Humanity 1	UK1AECENG100
	AEC 7	Reflections on Language, Literature, and Society 1	UK1AECENG105
	AEC 8	English for Social Sciences	UK1AECENG106
	AEC 9	Technology, Science, and Imagination I	UK1AECENG111
2	AEC 1	Reading and Writing in English	UK2AECENG113
	AEC 2	Food, Literature and Culture 2	UK2AECENG102
	AEC 3	Science Through the Prism of English 2	UK2AECENG103
	AEC 4	Business Communication II	UK2AECENG104
	AEC 5	Reading Literature II	UK2AECENG110
	AEC 6	Voices of Humanity 2	UK2AECENG100
	AEC 7	Reflections on Language, Literature, and Society 2	UK2AECENG105
	AEC 8	English for Social Sciences II	UK2AECENG106
	AEC 9	Technology, Science, and Imagination II	UK2AECENG111