

T K M College Of Arts Science (142)

Course Basket of Botany

Category	Course Code	Course Name
Discipline: FYUGP Botany		
Semester: 1		
DSC	UK1DSCBOT101	Plant World I (Mandatory)
DSC	UK1DSCBOT102	Introductory Botany
DSC	UK1DSCBOT103	Fundamentals and Scope of Botany
DSC	UK1DSCBOT104	Plants in Daily Life
MDC	UK1MDCBOT101	Landscaping and Gardening
MDC	UK1MDCBOT103	Botany in Forensic Science
Semester: 2		
DSC	UK2DSCBOT101	Plant World II (Mandatory)
DSC	UK2DSCBOT102	Anatomy of Flowering Plants
DSC	UK2DSCBOT105	Biomolecules
MDC	UK2MDCBOT101	Plants and Human welfare.
MDC	UK2MDCBOT102	Ecotourism
MDC	UK2MDCBOT103	Organic Farming
Semester: 3		
DSC	UK3DSCBOT201	Histology and Reproductive Botany (Mandatory)
DSC	UK3DSCBOT204	Environmental Sciences
DSC	UK3DSCBOT205	Biophysics and Biostatistics
DSE	UK3DSEBOT201	Ethnobotany & IPR
VAC	UK3VACBOT201	Green initiatives for Sustainability
Semester: 4		
DSC	UK4DSCBOT201	Lower Cryptogams, Phytopathology and Microbiology (Mandatory)
DSC	UK4DSCBOT202	Archegoniates and Paleobotany (Mandatory)
DSE	UK4DSEBOT201	Herbal Technology
INT	UK4INTBOT201	Summer Internship
SEC	UK4SECBOT201	Mushroom Cultivation
VAC	UK4VACBOT202	Biodegradable waste management.
VAC	UK4VACBOT203	Phyto-nutraceuticals
Semester: 5		

DSC	UK5DSCBOT301	Angiosperm Morphology and Plant Systematics (Mandatory)
DSC	UK5DSCBOT302	Plant Genetics (Mandatory)
DSC	UK5DSCBOT303	Cell biology and Evolutionary Biology (Mandatory)
DSE	UK5DSEBOT302	Horticulture and Nursery Management
DSE	UK5DSEBOT304	Plant Biotechnology
SEC	UK5SECBOT302	Biofertilizers and Biopesticides
Semester: 6		
DSC	UK6DSCBOT301	Plant Physiology (Mandatory)
DSC	UK6DSCBOT302	Environmental Science and Conservation Biology (Mandatory)
DSC	UK6DSCBOT303	Biochemistry and Molecular Biology (Mandatory)
DSE	UK6DSEBOT302	Phytochemistry and Drug Discovery
DSE	UK6DSEBOT304	Climate Change and Disaster Management
SEC	UK6SECBOT302	Indoor Gardening and Terrarium Techniques
Semester: 7		
DSC	UK7DSCBOT401	Methodology in Biological Research
DSC	UK7DSCBOT402	Plant Interaction and Defense Mechanism
DSE	UK7DSEBOT402	Industrial Tissue Culture
Semester: 8		
DSC	UK8DSCBOT401	Applied Aspects of Thallophytes
DSC	UK8DSCBOT403	Bioinformatics
DSC	UK8DSCBOT404	Developmental Botany
RPH	UK8RPHBOT401	Research project