

T K M College Of Arts Science (142)

Course Basket of Chemistry

Category	Course Code	Course Name
Discipline: FYUGP Chemistry		
Semester: 1		
DSC	UK1DSCCHE100	INORGANIC CHEMISTRY I
DSC	UK1DSCCHE101	FUNDAMENTALS OF CHEMISTRY I
DSC	UK1DSCCHE102	CHEMICAL FRONTIERS – BONDING TO ENVIRONMENTAL PERSPECTIVES
DSC	UK1DSCCHE104	GENERAL INORGANIC CHEMISTRY
DSC	UK1DSCCHE105	GENERAL CHEMISTRY I
MDC	UK1MDCCHE100	FUNDAMENTAL ASPECTS OF ENVIRONMENTAL CHEMISTRY
MDC	UK1MDCCHE101	POLYMERS & BIOPOLYMERS
Semester: 2		
DSC	UK2DSCCHE100	ORGANIC CHEMISTRY - I
DSC	UK2DSCCHE101	FUNDAMENTALS OF CHEMISTRY II
DSC	UK2DSCCHE102	ESSENTIALS OF INORGANIC CHEMISTRY
DSC	UK2DSCCHE104	BIO ORGANIC CHEMISTRY & COLLOIDS
DSC	UK2DSCCHE105	BIOMOLECULES & BIOPHYSICAL CHEMISTRY - I
MDC	UK2MDCCHE100	CHEMISTRY IN EVERYDAY LIFE
MDC	UK2MDCCHE101	FOOD CHEMISTRY
Semester: 3		
DSC	UK3DSCCHE200	PHYSICAL CHEMISTRY - I
DSC	UK3DSCCHE201	ESSENTIALS OF PHYSICAL CHEMISTRY
DSC	UK3DSCCHE202	CHEMICAL INSIGHTS: FROM SOIL TO PETROCHEMICALS
DSC	UK3DSCCHE203	NATURAL PRODUCT CHEMISTRY
DSC	UK3DSCCHE205	BIOMOLECULES & BIOPHYSICAL CHEMISTRY - II
DSE	UK3DSECHE201	CHEMISTRY FOR RENEWABLE & CLEAN ENERGY - I
DSE	UK3DSECHE206	CHEMISTRY OF NANOMATERIALS - I
VAC	UK3VACCHE200	LABORATORY SAFETY
Semester: 4		
DSC	UK4DSCCHE200	INORGANIC CHEMISTRY II

DSC	UK4DSCCHE202	ORGANIC CHEMISTRY - II
DSE	UK4DSECHE201	CHEMISTRY FOR RENEWABLE & CLEAN ENERGY - II
DSE	UK4DSECHE206	CHEMISTRY OF NANOMATERIALS - II
INT	UK4INTCHE200	SUMMER INTERNSHIP
SEC	UK4SECCHE200	WATER QUALITY ANALYSIS
SEC	UK4SECCHE201	PRACTICAL SKILLS IN CHEMISTRY
VAC	UK4VACCHE200	SUSTAINABLE CHEMISTRY
VAC	UK4VACCHE201	SCIENTIFIC COMMUNICATION & ETHICS
Semester: 5		
DSC	UK5DSCCHE300	INORGANIC CHEMISTRY III A
DSC	UK5DSCCHE302	PHYSICAL CHEMISTRY II
DSC	UK5DSCCHE304	ORGANIC CHEMISTRY - III
DSE	UK5DSECHE302	CHEMISTRY FOR RENEWABLE & CLEAN ENERGY- III
DSE	UK5DSECHE303	CHEMISTRY FOR RENEWABLE & CLEAN ENERGY - IV
DSE	UK5DSECHE312	CHEMISTRY OF NANOMATERIALS - III
DSE	UK5DSECHE313	CHEMISTRY OF NANOMATERIALS - IV
SEC	UK5SECCHE300	ANALYTICAL SKILLS
Semester: 6		
DSC	UK6DSCCHE300	PHYSICAL CHEMISTRY - III
DSC	UK6DSCCHE302	ORGANIC CHEMISTRY - IV
DSC	UK6DSCCHE304	PHYSICAL CHEMISTRY - IV
DSE	UK6DSECHE302	CHEMISTRY FOR RENEWABLE & CLEAN ENERGY - V
DSE	UK6DSECHE303	CHEMISTRY FOR RENEWABLE & CLEAN ENERGY - VI
DSE	UK6DSECHE312	CHEMISTRY OF NANOMATERIALS - V
DSE	UK6DSECHE313	CHEMISTRY OF NANOMATERIALS - VI
SEC	UK6SECCHE300	CHROMATOGRAPHY
SEC	UK6SECCHE301	COMPUTERS IN CHEMICAL SCIENCE
Semester: 7		
DSC	UK7DSCCHE402	ADVANCED ORGANIC CHEMISTRY
DSC	UK7DSCCHE404	ADVANCED THEORETICAL CHEMISTRY I
DSE	UK7DSECHE400	RESEARCH METHODOLOGY & ETHICS
Semester: 8		

CIP	UK8CIPCHE400	CAPSTONE INTERNSHIP PROJECT
RPH	UK8RPHCHE400	Honours with research project