

COURSE					PREREQ1					A N D/ O R	PREREQ2					AN D/ O R	PREREQ3					AN D/ OR	PREREQ4					Modified date
Course ID	Subject	Catalog		Title	Preq1 code	preq1 subject	preq1 catalog	pereq1 title	Co /Pre		Preq2 code	preq2 sub	preq 2 cat	pereq2 title	Co /Pre		Preq3 code	preq3 no	preq 3 cat	pereq3 title	Co /Pre		Preq4 code	preq4 no	preq4 cat	pereq4 title	Co /Pre	Modified date
001001	BIO	F110	BIO F110	BIOLOGICAL LABORATORY																								24-Jan-15
001002	BIO	F111	BIO F111	GENERAL BIOLOGY																								24-Jan-15
001112	BIO	F211	BIO F211	BIOLOGICAL CHEMISTRY	001002	BIO	F111	GENERAL BIOLOGY	PRE																			24-Jan-15
001114	BIO	F212	BIO F212	MICROBIOLOGY	001002	BIO	F111	GENERAL BIOLOGY	PRE																			24-Jan-15
001113	BIO	F213	BIO F213	CELL BIOLOGY	001002	BIO	F111	GENERAL BIOLOGY	PRE																			24-Jan-15
001115	BIO	F214	BIO F214	INTEGRATED BIOLOGY	001002	BIO	F111	GENERAL BIOLOGY	PRE																			24-Jan-15
001423	BIO	F215	BIO F215	BIOPHYSICS	001002	BIO	F111	GENERAL BIOLOGY	PRE																			24-Jan-15
001424	BIO	F241	BIO F241	ECOLOGY & ENVIRON SCI																								24-Jan-15
001430	BIO	F242	BIO F242	INTRO TO BIOINFORMATIC S	001002	BIO	F111	GENERAL BIOLOGY	PRE																			24-Jan-15
001425	BIO	F243	BIO F243	GENETICS	001002	BIO	F111	GENERAL BIOLOGY	PRE																			24-Jan-15
001426	BIO	F244	BIO F244	INSTRU METHODS OF ANAL	001001	BIO	F110	BIOLOGICAL LABORATORY	PRE																			24-Jan-15
001428	BIO	F312	BIO F312	PLANT PHYSIOLOGY	001112	BIO	F211	BIOLOGICAL CHEMISTRY	PRE	AN D	001002	BIO	F111	GENERAL BIOLOGY	PRE													24-Jan-15
001429	BIO	F313	BIO F313	ANIMAL PHYSIOLOGY	001112	BIO	F211	BIOLOGICAL CHEMISTRY	PRE	AN D	001002	BIO	F111	GENERAL BIOLOGY	PRE													24-Jan-15
001431	BIO	F341	BIO F341	DEVELOPMENTA L BIOLOGY	001425	BIO	F243	GENETICS	PRE	AN D	001113	BIO	F213	CELL BIOLOGY	PRE													24-Jan-15
001432	BIO	F342	BIO F342	IMMUNOLOGY	001114	BIO	F212	MICROBIOLOGY	PRE	AN D	001113	BIO	F213	CELL BIOLOGY	PRE													24-Jan-15
001439	BIO	F352	BIO F352	CELL & TISSUE CULTR TECH																								24-Jan-15
001440	BIO	F413	BIO F413	MOLECULAR BIO OF CELL																								24-Jan-15
001434	BIO	F418	BIO F418	GENETIC ENGINEERING TECH																								24-Jan-15
001435	BIO	F419	BIO F419	MOLECULAR EVOLUTION	001002	BIO	F111	GENERAL BIOLOGY	PRE																			24-Jan-15
001441	BIO	F431	BIO F431	REPRODUCTIVE PHYSIOLOGY	001429	BIO	F313	ANIMAL PHYSIOLOGY	PRE																			24-Jan-15
001437	BIO	F441	BIO F441	BIOCHEMICAL ENGINEERING																								24-Jan-15
001438	BIO	F451	BIO F451	BIOPROCESS TECHNOLOGY																								24-Jan-15



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001118	CHEM	F213	CHEM F213	PHYSICAL CHEMISTRY II																							24-Jan-15	
001119	CHEM	F214	CHEM F214	INORGANIC CHEMISTRY I																							24-Jan-15	
001569	CHEM	F223	CHEM F223	COLLOID & SURFACE CHEM																							24-Jan-15	
001554	CHEM	F241	CHEM F241	INORGANIC CHEMISTRY II																							24-Jan-15	
001555	CHEM	F242	CHEM F242	CHEMICAL EXPERIMENTATION I																							24-Jan-15	
001556	CHEM	F243	CHEM F243	ORGANIC CHEMISTRY II																							24-Jan-15	
001557	CHEM	F244	CHEM F244	PHYSICAL CHEMISTRY III	001118	CHEM	F213	PHYSICAL CHEMISTRY II	PRE																		24-Jan-15	
001559	CHEM	F311	CHEM F311	ORGANIC CHEMISTRY III	001117	CHEM	F212	ORGANIC CHEMISTRY I	PRE/C O																		24-Jan-15	
001560	CHEM	F312	CHEM F312	PHYSICAL CHEMISTRY IV																							24-Jan-15	
001558	CHEM	F313	CHEM F313	INSTRUMENTAL METHODS OF ANAL																							24-Jan-15	
001570	CHEM	F323	CHEM F323	BIOPHYSICAL CHEMISTRY																							24-Jan-15	
001571	CHEM	F324	CHEM F324	NUMERICAL METHOD IN CHEM																							24-Jan-15	
001572	CHEM	F325	CHEM F325	POLYMER CHEMISTRY																							24-Jan-15	
001575	CHEM	F326	CHEM F326	SOLID STATE CHEMISTRY																							24-Jan-15	
001577	CHEM	F327	CHEM F327	ELECTROCHEMISTRY & APPL																							24-Jan-15	
001579	CHEM	F328	CHEM F328	SUPRAMOLECULAR CHEMISTRY																							24-Jan-15	
001580	CHEM	F329	CHEM F329	ANALYTICAL CHEMISTRY																							24-Jan-15	
001582	CHEM	F330	CHEM F330	PHOTOPHYSICAL CHEMISTRY	001118	CHEM	F213	PHYSICAL CHEMISTRY II	PRE																		24-Jan-15	
001583	CHEM	F333	CHEM F333	CHEMISTRY OF MATERIALS																							24-Jan-15	
001584	CHEM	F334	CHEM F334	MAGNETIC RESONANCE	001118	CHEM	F213	PHYSICAL CHEMISTRY II	PRE	AND	001127	PHY	F212	ELECTROMAGNETIC THEORY I	PRE												24-Jan-15	
001585	CHEM	F335	CHEM F335	ORGANIC CHEM & DRUG DESIGN	001562	CHEM	F311	ORGANIC CHEMISTRY III	PRE/C O																		24-Jan-15	
001586	CHEM	F336	CHEM F336	NANOCHEMISTRY																							24-Jan-15	
001587	CHEM	F337	CHEM F337	GREEN CHEM & CATALYSIS																							24-Jan-15	
001561	CHEM	F341	CHEM F341	CHEMICAL EXPERIMENTATION II																							24-Jan-15	
001562	CHEM	F342	CHEM F342	ORGANIC CHEMISTRY IV																							24-Jan-15	
001563	CHEM	F343	CHEM F343	INORGANIC CHEMISTRY III																							24-Jan-15	
001573	CHEM	F412	CHEM F412	PHOTOCHEM & LASER SPECTROSCOPY	001118	CHEM	F213	PHYSICAL CHEMISTRY II	PRE																		24-Jan-15	

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001550	ECON	F411	ECON F411	PROJECT APPRAISAL																							24-Jan-15	
001566	ECON	F412	ECON F412	SECUR ANAL & PORTFOL MGT																							24-Jan-15	
001551	ECON	F413	ECON F413	FINANCIAL ENGINEERING	001565	ECON	F354	DERIVATIVES & RISK MGMT	PRE																		24-Jan-15	
001552	ECON	F414	ECON F414	CREAT & LEAD ENTREP ORGN																							24-Jan-15	
001553	ECON	F415	ECON F415	NEW VENTURE CREATION																							24-Jan-15	
001590	ECON	F416	ECON F416	REGIONAL ECONOMICS																							24-Jan-15	
	ECON	F418	ECON F418	QUANTITATIVE ANALYSIS OF INTERNATIONAL TRADE																							24-Jan-15	
001567	ECON	F422	ECON F422	FUNT & WORK STOCK EXCHAN																							24-Jan-15	
001568	ECON	F471	ECON F471	RESOURCES & ENVIR ECON																							24-Jan-15	
001009	EEE	F111	EEE F111	ELECTRICAL SCIENCES																							24-Jan-15	
001077	EEE	F211	EEE F211	ELECTRICAL MACHINES	001009	EEE	F111	ELECTRICAL SCIENCES	PRE																		24-Jan-15	
001078	EEE	F212	EEE F212	ELECTROMAGNETIC THEO I																							24-Jan-15	
001080	EEE	F214	EEE F214	ELECTRONIC DEVICES	001009	EEE	F111	ELECTRICAL SCIENCES	PRE																		24-Jan-15	
001079	EEE	F215	EEE F215	DIGITAL DESIGN																							24-Jan-15	
001238	EEE	F241	EEE F241	MICROPROC & INTERFACING																							24-Jan-15	
001239	EEE	F242	EEE F242	CONTROL SYSTEMS																							24-Jan-15	
001240	EEE	F243	EEE F243	SIGNALS & SYSTEMS																							24-Jan-15	
001241	EEE	F244	EEE F244	MICROELECTRONIC CIRCUITS																							24-Jan-15	
001889	EEE	F245	EEE F245	CONTROL SYSTEM LABORARTORY		EEE	F242	CONTROL SYSTEMS	CO/PRE	OR		ECE	F242	CONTROL SYSTEMS	CO/PRE	OR		INSTR	F242	CONTROL SYSTEMS	CO/PRE						24-Jan-15	
001900	EEE	F246	EEE F246	ELECTRIC & ELECTRONIC CIR LAB		EEE	F243	SIGNALS & SYSTEMS	CO/PRE	AND		EEE	F244	MICROELECTRONIC CIRCUITS	CO/PRE												24-Jan-15	
001242	EEE	F311	EEE F311	COMMUNICATION SYSTEMS	001240	EEE	F243	SIGNALS & SYSTEMS	PRE																		24-Jan-15	
001244	EEE	F312	EEE F312	POWER SYSTEMS																							24-Jan-15	
001243	EEE	F313	EEE F313	ANALOG & DIGITAL VLSI DES	001241	EEE /ECE	F244	MICROELECTRONIC CIRCUITS	PRE																		24-Jan-15	
001245	EEE	F341	EEE F341	ANALOG ELECTRONICS	001241	EEE	F244	MICROELECTRONIC CIRCUITS	PRE																		24-Jan-15	
001246	EEE	F342	EEE F342	POWER ELECTRONICS																							24-Jan-15	
001251	EEE	F345	EEE F345	POWER APPARATUS & NETWK	001077	EEE/ INSTR/ ECE	F211	ELECTRICAL MACHINES	PRE																		24-Jan-15	

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	CS	F426	CS F426	Graph Mining		CS	F211	Data Structure and Algorithms	Pre																			28-Dec-20
	CS	F427	CS F427	Performance Analysis of Computer Networks		CS	F303	Computer Networks	Pre																			28-Dec-20
	EEE	F419	EEE F419	Flexible and Stretchable Electronics		EEE	F214	Electronic Devices	Pre	OR		INSTR	F214	Electronic Devices	Pre	OR		ECE	F214	Electronic Devices	Pre							28-Dec-20
	EEE	F420	EEE F420	Biomedical Signal Processing		EEE	F434	Digital Signal Processing	Pre	OR		ECE	F434	Digital Signal Processing	Pre													28-Dec-20
	PHY	F346	PHY F346	Laser Science and Technology		PHY	F212	Electromagnetic Theory I	Pre	OR		EEE	F212	Electromagnetic Theory	Pre	OR		INSTR	F212	Electromagnetic Theory	Pre	OR		ECE	F212	Electromagnetic Theory	Pre	28-Dec-20
	CS	G518	CS G518	Internet of Things: Design and Development		CS	F303	Computer Networks	Co	OR		EEE	F414	Telecommunication Switching Systems and Networks	Co	OR		ECE	F414	Telecommunication Switching Systems and Networks	Co	OR		EEE	F346	Data Communication Networks	Co	28-Dec-20
001188	CHE	F341	CHE F341	CHEMICAL ENGG LAB II	001184	CHE	F311	KINETICS & REACTOR DESIG	CO	AND	001189	CHE	F342	PROCESS DYN & CONTROL	CO	AND	001186	CHE	F313	SEPARATION PROCESSES II	CO							28-Dec-20
001427	BIO	F311	BIO F311	RECOMBINANT DNA TECH	001112	BIO	F211	BIOLOGICAL CHEMISTRY	PRE	OR		PHA	F242	BIOLOGICAL CHEMISTRY	Pre	AND	001425	BIO	F243	GENETICS	PRE							28-Dec-20
001436	BIO	F421	BIO F421	ENZYMOLGY	001112	BIO	F211	BIOLOGICAL CHEMISTRY	PRE	OR		PHA	F242	BIOLOGICAL CHEMISTRY	Pre													28-Dec-20
001433	BIO	F417	BIO F417	BIOMOLECULAR MODELING	001112	BIO	F211	BIOLOGICAL CHEMISTRY	PRE	OR		PHA	F242	BIOLOGICAL CHEMISTRY	Pre													28-Dec-20
002490	ECE	F216	ECE F216	Electronic Devices Simulation Laboratory	001080	EEE	F214	ELECTRONIC DEVICES	PRE	OR	001099	INSTR	F214	ELECTRONIC DEVICES	Pre	OR	001383	ECE	F214	ELECTRONIC DEVICES	PRE							17-Aug-21
002491	ECE	F423	ECE F423	Electronic Material Design and Simulations Laboratory	001080	EEE	F214	ELECTRONIC DEVICES	PRE	OR	001099	INSTR	F214	ELECTRONIC DEVICES	Pre	OR	001383	ECE	F214	ELECTRONIC DEVICES	PRE							17-Aug-21
002492	ECE	F424	ECE F424	Smart Grid for Sustainable Energy	001239	EEE	F242	CONTROL SYSTEMS	PRE	OR	001342	INSTR	F242	CONTROL SYSTEMS	Pre	OR	001385	ECE	F242	CONTROL SYSTEMS	PRE							17-Aug-21
002494	EEE	F216	EEE F216	Electronic Devices Simulation Laboratory	001080	EEE	F214	ELECTRONIC DEVICES	PRE	OR	001099	INSTR	F214	ELECTRONIC DEVICES	Pre	OR	001383	ECE	F214	ELECTRONIC DEVICES	PRE							17-Aug-21

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002495	EEE	F423	EEE F423	Electronic Material Design and Simulations Laboratory	001080	EEE	F214	ELECTRONIC DEVICES	PRE	OR	001099	INSTR	F214	ELECTRONIC DEVICES	Pre	OR	001383	ECE	F214	ELECTRONIC DEVICES	PRE							17-Aug-21
002496	EEE	F424	EEE F424	Smart Grid for Sustainable Energy	001239	EEE	F242	CONTROL SYSTEMS	PRE	OR	001342	INSTR	F242	CONTROL SYSTEMS	Pre	OR	001385	ECE	F242	CONTROL SYSTEMS	PRE							17-Aug-21
002499	EEE	F430	EEE F430	Green Communications and Networks	001242	EEE	F311	COMMUNICATION	PRE																		17-Aug-21	
002500	INSTR	F216	INSTR F216	Electronic Devices Simulation Laboratory	001080	EEE	F214	ELECTRONIC DEVICES	PRE	OR	001099	INSTR	F214	ELECTRONIC DEVICES	Pre	OR	001383	ECE	F214	ELECTRONIC DEVICES	PRE							17-Aug-21
002501	INSTR	F423	INSTR F423	Electronic Material Design and Simulations Laboratory	001080	EEE	F214	ELECTRONIC DEVICES	PRE	OR	001099	INSTR	F214	ELECTRONIC DEVICES	Pre	OR	001383	ECE	F214	ELECTRONIC DEVICES	PRE							17-Aug-21
002502	INSTR	F424	INSTR F424	Smart Grid for Sustainable Energy	001239	EEE	F242	CONTROL SYSTEMS	PRE	OR	001342	INSTR	F242	CONTROL SYSTEMS	Pre	OR	001385	ECE	F242	CONTROL SYSTEMS	PRE							17-Aug-21
002506	PHA	F315	PHA F315	Pharmaceutical Formulations II	002504	PHA	F216	Pharmaceutical Formulations I	PRE																		17-Aug-21	
002508	PHA	F317	PHA F317	Safety Pharmacology and Toxicology	001295	PHA	F311	PHARMACOLOG Y I	PRE																		17-Aug-21	
002510	PHA	F419	PHA F419	Herbal Drug Technology	001302	PHA	F344	NATURAL DRUGS	PRE																		17-Aug-21	
001899	BITS	F429	BITS F429	NANOTECHNOGY FOR RENEWABLE ENERGY AND ENVIRONMENT	BITS / CHE / ME / F243 / F214			MATERIAL SCIENCE & ENGINEERING	PRE	OR		CHEM	F333	CHEMISTRY OF MATERIALS	PRE	OR		PHY	F414	PHYSICS OF ADVANCED MATERIALS	PRE							17-Aug-21
002512	EEE	G614	EEE G614	Advanced Wireless Communications	001242	EEE	F311	COMMUNICATION SYSTEMS	PRE																		17-Aug-21	
002513	EEE	G514	EEE G514	Nanoelectronic Memories and Technology	001080	EEE	F214	ELECTRONIC DEVICES	PRE	OR	001243	EEE	F313	ANALOG AND DIGITAL VLSI DESIGN	PRE	OR	000743	MEL	G621	VLSI DESIGN	PRE	OR	000744	MEL	G631	PHYSICS AND MODELLING OF MICROELECTRONIC DEVICES	PRE	17-Aug-21



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2671	AUE	F313	AUE F313	Design of Reinforced Concrete Structures	2664	AUE	F212	Structural Mechanics	PRE	OR	1073	CE	F211	MECHANICS OF SOLIDS	PRE													29-Dec-23
2675	AUE	F343	AUE F343	Design of Steel Structures	2664	AUE	F212	Structural Mechanics	PRE	OR	1073	CE	F211	MECHANICS OF SOLIDS	PRE													29-Dec-23
2676	AUE	F344	AUE F344	Directed Research in Architecture – I	2669	AUE	F311	Architectural Design Studio II	PRE																			29-Dec-23
2677	AUE	F345	AUE F345	Directed Research in Architecture – II	2676	AUE	F344	Directed Research in Architecture – I	PRE																			29-Dec-23
2750	ME	F430	ME F430	Fluid-Structure Interactions	1083	ME	F211	MECHANICS OF SOLIDS	PRE	AND	1082	ME	F212	FLUID MECHANICS	PRE													29-Dec-23
2761	EEE	F437	EEE F437	Semiconductor Fabrication Technology	1383	ECE	F214	ELECTRONIC DEVICES	PRE	OR	2571	ECOM	F214	ELECTRONIC DEVICES	PRE	OR	1080	EEE	F214	ELECTRONIC DEVICES	PRE	OR	1099	INSTR	F214	ELECTRONIC DEVICES	PRE	9-Jul-24
2776	AN	F316	AN F316	Orbital Mechanics	1015	PHY	F111	MECH OSCIL & WAVES	PRE																			21-Dec-24
2780	CE	F331	CE F331	In-situ Testing Methods in Geotechnical Engineering	1193	CE	F243	SOIL MECHANICS	PRE																			21-Dec-24
2781	ECE	F331	ECE F331	Microwave Engineering	1381	ECE	F212	ELECTROMAGNETIC	PRE	OR	1078	EEE	F212	ELECTROMAGNETI	PRE	OR	1097	INSTR	F212	ELECTROMAGNETI	PRE	OR	1127	PHY	F212	ELECTROMAGNETI	PRE	21-Dec-24
2782	ECE	F438	ECE F438	Electric Vehicles	1380	ECE	F211	ELECTRICAL MACHINES	PRE	AND	1385	ECE	F242	CONTROL SYSTEMS	PRE													21-Dec-24
2784	INSTR	F438	INSTR F438	Electric Vehicles	1096	INSTR	F211	ELECTRICAL MACHINES	PRE	AND	1342	INSTR	F242	CONTROL SYSTEMS	PRE													21-Dec-24
2791	MATH	F429	MATH F429	Modern Theory of Partial Differential Equations	1472	MATH	F341	INTRO TO FUNCTIONAL ANAL	PRE																			21-Dec-24
2794	PHY	F438	PHY F438	Fundamentals of Quantum Field Theory	1486	PHY	F311	QUANTUM MECHANICS II	PRE																			21-Dec-24
1185	CHE	F312	CHE F312	CHEMICAL ENGG LAB I	001072	CHE	F212	FLUID MECHANICS	CO	AND	001180	CHE	F241	HEAT TRANSFER	CO	OR	001183	CHE	F244	SEPARATION PROCESSES I	CO							21-Dec-24

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