



كلية العلوم التطبيقية
Faculty of Applied Sciences

البرامج الأكاديمية لكلية العلوم التطبيقية 2020

ابدأ



السنة الدراسية الأولى بالكلية

سنة مشتركة بين اقسام الكلية الأربعة

مقررات الفصل الثاني	مقررات الفصل الاول	القسم
الاحياء العامة الفيزياء العامة	الكيمياء العامة تفاضل و تكامل	الاحياء الكيمياء الفيزياء العلوم الرياضية

بالإضافة الى متطلبات الجامعة و الكلية العامة كما هي في الخطة الدراسية للبرامج المعتمدة

مقررات الفصل الثاني	مقررات الفصل الاول	متطلبات الجامعة و الكلية العامة
السيرة النبوية	القرآن الكريم (1)	
اللغة العربية (1)	الثقافة الإسلامية (1)	
اللغة الانجليزية (2)	اللغة الانجليزية (1)	



الفيديو التعريفي لكلية العلوم التطبيقية

زيارة صفحة الكلية



الخطط الدراسية بعد اجتياز السنة الأولى

برنامج الاحياء الدقيقة	برنامج الاحياء
برنامج الكيمياء الصناعية	برنامج الكيمياء
برنامج الفيزياء الطبية	برنامج الفيزياء
	برنامج العلوم الرياضية



الخطة الدراسية في برنامج الاحياء بعد اجتياز السنة الأولى

1				2			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
7001401-4	English Language I			4011101-4	General Biology		
4021101-4	General Chemistry I			7001402-4	English Language II	7001401-4	English Language I
603101-2	The Holy Qur'an I			102101-2	Biography of the Prophet		
601101-2	Islamic Culture I			501101-2	Arabic Language I		
4041101-4	Calculus			4031101-4	General Physics		

3				4			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4012211-3	Plant Kingdom	4011101-4	General Biology	4012172-3	Biochemistry	4022301-4	Organic Chemistry
4022301-4	Organic Chemistry	4021101-4	General Chemistry	601201-2	Islamic Culture II	601101-2	Islamic Culture I
4012311-3	Invertebrates	4011101-4	General Biology	4012232-3	Plant Taxonomy	4012211-3	Plant Kingdom
605201-2	The Holy Qur'an II	605101-2	The Holy Qur'an I	4012321-3	Vertebrates	4012311-3	Invertebrates
4012141-3	General Anatomy	4011101-4	General Biology	4012252-3	Phycology	4012211-3	Plant Kingdom
4012161-2	Biostatistics			4012242-3	Plant Ecology	4012211-3	Plant Kingdom

5				6			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4013331-3	Animal Physiology I	4012172-3	Biochemistry	4013352-3	Animal Ecology	4012322-3	Vertebrates
4013261-3	Plant Physiology I	4012172-3	Biochemistry	4013362-3	Entomology	4012311-3	Invertebrates
605301-2	The Holy Qur'an III	605201-2	The Holy Qur'an II	4013182-3	Molecular Biology	4012172-3	Biochemistry
401301-3	Islamic Culture III	601201-2	Islamic Culture II	4013342-3	Animal Physiology II	4013331-3	Animal Physiology I
4013281-3	Genetics	4011101-4	General Biology	4013272-3	Plant Physiology II	4013261-3	Plant Physiology I
4013291-3	Flora of Saudi Arabia	4012232-3	Plant Taxonomy	4013402-3	Virology and Bacteriology	4011101-4	General Biology

7				8			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4014321-3	Fauna of Saudi Arabia	4013352-3	Animal Ecology	4014352-3	Embryology	4012322-3	Vertebrates
4014111-3	Biotechnology	4013182-3	Molecular Biology	4014212-3	Tissue Culture	4013281-3	Genetics
4014191-2	Environmental Pollution	4013352-3	Animal Ecology	4014362-3	Endocrinology	4013342-3	Animal Physiology II
4014411-3	Mycology and Plant Pathology	4011101-4	General Biology	4014923-5	Graduation Project		
4014331-2	Pest Control	4013362-3	Entomology	601401-2	Islamic Culture (IV)	601301-3	Islamic Culture III
4014311-3	Parasitology	4012311-3	Invertebrate	4014342-2	Animal Behavior	4014321-3	Fauna of Saudi Arabia
605401-2	The Holy Qur'an (IV)	605301-2	The Holy Qur'an III				

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الخطة الدراسية في برنامج الاحياء الدقيقة بعد اجتياز السنة الأولى

1				2			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
7001401-4	English Language I			4011101-4	General Biology		
4021101-4	General Chemistry I			102101-2	Biography of the Prophet		
603101-2	The Holy Qur'an I			501101-2	Arabic Language I		
601101-2	Islamic Culture I			7001402-4	English Language II	7001401-4	English Language I
4041101-4	Calculus			4031101-4	General Physics		
3				4			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4012401-4	Introductory Microbiology	4011101-4	General Biology	4012422-3	Bacteriology	4012401-4	Introductory Microbiology
4022301-4	Organic Chemistry	4021101-4	General Chemistry	4012432-3	Mycology	4012401-4	Introductory Microbiology
603201-2	The Holy Qur'an II	603101-2	The Holy Qur'an	4012312-3	Biochemistry	4022301-4	Organic Chemistry
601201-2	Islamic Culture II	601101-2	Islamic Culture	4012412-2	Virology	4012401-4	Introductory Microbiology
4012161-3	Biostatistics			603301-2	The Holy Qur'an III	603201-2	The Holy Qur'an II
				4012252-3	Physiology	4011101-4	General Biology
5				6			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4013321-3	Haematology	4011101-4	General Biology	4013452-3	Microbial Physiology	4012401-4	Introductory Microbiology
601301-3	Islamic Culture III	601201-2	Islamic Culture II	4012312-3	Biochemistry	4012312-3	Biochemistry
4013441-3	Plant Pathology and Disease Control	4012412-2	Virology	4013462-3	Molecular Microbiology	4012401-4	Introductory Microbiology
		4012422-3	Bacteriology			4012312-3	Biochemistry
		4012432-3	Mycology	4013472-3	Medical Microbiology	4012422-3	Bacteriology
4013421-3	Antimicrobial Agents	4012422-3	Bacteriology	4013311-3	Medical Parasitology	4012401-4	Introductory Microbiology
		4012432-3	Mycology	4013953-3	Research Project		
4013431-3	Water and Wastewater Microbiology	4012422-3	Bacteriology	4013372-3	Immunology	4013321-3	Haematology
603401-2	The Holy Qur'an (IV)	603301-2	The Holy Qur'an III				
7				8			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4014421-3	Food Microbiology	4012422-3	Bacteriology	4014953-4	Practical Field Training		
		4013452-3	Microbial Physiology	4014492-3	Soil Microbiology	4012422-3	Bacteriology
4014401-3	Biotechnology	4013462-3	Molecular Microbiology	4012432-3	Mycology	4012432-3	Mycology
4014451-2	Epidemiology	4013472-3	Medical Microbiology	601401-2	Islamic Culture (IV)	601301-3	Islamic Culture III
4014414-4	Industrial Microbiology	4013452-3	Microbial Physiology	4014482-2	Food Quality Control	4014421-3	Food Microbiology
4014431-3	Cyanobacteria	4012422-3	Bacteriology	4014472-3	Environmental Microbiology	4012422-3	Bacteriology
4014412-3	Petroleum Microbiology and Bioremediation	4022301-4	Organic Chemistry	4014462-2	Microbial Toxicology	4013472-3	Microbial Physiology
		4013452-3	Microbial Physiology	4014182-2	Bioinformatics	4014401-3	Biotechnology

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الخطة الدراسية في برنامج الكيمياء بعد اجتياز السنة الأولى

1				2			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4021101-4	General Chemistry I			7001402-4	English Language II	7004404-4	English Language I
7001401-4	English Language I			302101-2	Biography of the Prophet		
4041101-4	Calculus			501101-2	Arabic Language I		
601101-2	Islamic Culture I			4031101-4	General Physics		
605101-2	The Holy Qur'an I			4011101-4	General Biology		
3				4			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4022131-2	General Chemistry (2)	4021101-4	General Chemistry I	4022142-3	Chemistry of Aromatic Compounds	4022132-3	Chemistry of Aliphatic Compounds
4022135-3	Thermodynamics	4021101-4	General Chemistry I				
		4041101-4	Calculus	4022141-3	Chemistry of the Main Group Elements	4022134-2	General Chemistry (2)
4022132-3	Chemistry of Aliphatic Compounds	4021101-4	General Chemistry I	4022143-3	Electrochemistry	4022135-3	Thermodynamics
4022133-3	Gravimetric and Volumetric Analytical Chemistry	4021101-4	General Chemistry I	4022146-3	Colloids Chemistry and Phase Rule	4022134-2	General Chemistry (2)
601201-2	Islamic Culture II	601101-2	Islamic Culture I	4022144-3	Kinetic Chemistry	4022135-3	Thermodynamics
605201-2	The Holy Qur'an II	605101-2	The Holy Qur'an I	601301-3	Islamic Culture III	601201-2	Islamic Culture II
4022134-2	Qualitative Analytical Chemistry	4021101-4	General Chemistry I	4022145-3	Organic Analytical Chemistry	4022133-3	Gravimetric and Volumetric Analytical Chemistry
5				6			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4023556-3	Heterocyclic Chemistry	4022142-3	Chemistry of Aromatic Compounds	4023565-3	Organic Reactions and Preparations	4023556-3	Heterocyclic Chemistry
4023552-2	Chemistry of Transition Elements	4022141-2	Chemistry of the Main Group Elements	4023564-3	Coordination Chemistry	4023552-2	Chemistry of Transition
4023555-3	Spectrophotometric and Electrochemical Methods of Analysis	4022133-3	Gravimetric and Volumetric Analytical Chemistry	4023562-3	Separation Methods and Thermal Analysis	4023553-3	Spectrophotometric and Electrochemical Methods of Analysis
		4022143-3	Electrochemistry	4023966-3	Summer Training		
4023554-3	Surface Chemistry	4022146-3	Colloids Chemistry and Phase Rule	4023561-3	Organic Spectroscopy	4023551-3	Physical Organic Chemistry
4023551-3	Physical Organic Chemistry	4022142-3	Chemistry of Aromatic Compounds	4023563-3	Catalysis Chemistry	4023554-3	Surface Chemistry
4023553-2	Quantum Chemistry	4041101-4	Calculus				
		4022131-2	General Chemistry (2)				
605301-2	The Holy Qur'an III	605201-2	The Holy Qur'an II				
7				8			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4024571-2	Chemistry of Natural Products	4023565-3	Organic Reactions and Preparations	4024582-2	Solid State Chemistry	4023564-3	Coordination Chemistry
4024572-3	Chemistry of Petroleum and Petrochemicals	4023565-3	Organic Reactions and Preparations	4024583-2	Special Topics in Organic Chemistry	4024571-2	Chemistry of Natural Products
4024574-2	Environmental Chemistry	4023562-3	Separation Methods and Thermal Analysis	4024584-2	Nanochemistry	4023554-3	Surface Chemistry
4024573-2	Reaction Mechanism and Spectroscopy	4023564-3	Coordination Chemistry	4024585-2	Chemistry of Energy Resources	4022143-3	Electrochemistry
4024575-2	Organometallic Chemistry	4023564-3	Coordination Chemistry	4024581-3	Polymer Chemistry	4024572-3	Chemistry of Petroleum and Petrochemicals
605401-2	The Holy Qur'an (IV)	605301-2	The Holy Qur'an III	601401-2	Islamic Culture (iv)	601301-3	Islamic Culture III
4024577-2	Molecular Spectroscopy	4023553-2	Quantum Chemistry	4024586-2	Forensic Chemistry	4023562-3	Separation Methods and Thermal Analysis
4024576-2	Solution Chemistry and Kinetic Theory of Gases	4022144-3	Kinetic Chemistry	4024987-3	Graduation Project	4023966-3	Summer Training

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الخطة الدراسية في برنامج الكيمياء الصناعية بعد اجتياز السنة الأولى

1				2			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4021101-4	General Chemistry I			7001402-4	English Language II	7001401-4	English Language I
7001401-4	English Language I			102101-2	Biography of the Prophet		
4041101-4	Calculus			501101-2	Arabic Language I		
601101-2	Islamic Culture I			4031101-4	General Physics		
605101-2	The Holy Qur'an I			4011101-4	General Biology		

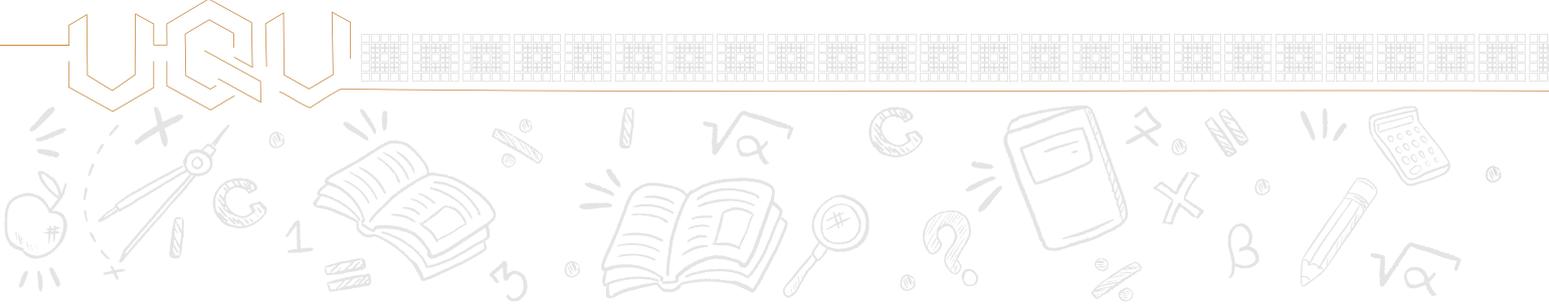
3				4			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4022131-2	General Chemistry (2)	4021101-4	General Chemistry I	4022142-3	Chemistry of Aromatic Compounds	4022132-3	Chemistry of Aliphatic Compounds
4022133-3	Thermodynamics	4021101-4	General Chemistry I	4022143-3	Electrochemistry	4022135-3	Thermodynamics
4022132-3	Chemistry of Aliphatic Compounds	4041101-4	Calculus	4022141-2	Chemistry of the Main Group Elements	4022131-2	General Chemistry (2)
4022133-3	Gravimetric and Volumetric Analytical Chemistry	4021101-4	General Chemistry I	4022146-1	Colloids Chemistry and Phase Rule	4022131-2	General Chemistry (2)
601201-2	Islamic Culture II	601101-2	Islamic Culture I	601301-3	Islamic Culture III	601201-2	Islamic Culture II
603201-2	The Holy Qur'an II	605101-2	The Holy Qur'an I	4022144-3	Kinetic Chemistry	4022135-3	Thermodynamics
4022134-2	Qualitative Analytical Chemistry	4021101-4	General Chemistry I	4022145-3	Organic Analytical Chemistry	4022133-3	Gravimetric and Volumetric Analytical Chemistry

5				6			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4023553-3	Spectrophotometric and Electrochemical Methods of Analysis	4022133-3	Gravimetric and Volumetric Analytical Chemistry	4023562-3	Separation Methods and Thermal Analysis	4023553-3	Spectrophotometric and Electrochemical Methods of Analysis
4023551-3	Physical Organic Chemistry	4022143-3	Electrochemistry	4023556-3	Heterocyclic Chemistry	4022142-3	Chemistry of Aromatic Compounds
4023552-2	Chemistry of Transition Elements	4022141-2	Chemistry of the Main Group Elements	4023966-3	Summer Training		
4023554-3	Surface Chemistry	4022146-1	Colloids Chemistry and Phase Rule	4023561-3	Organic Spectroscopy	4023551-3	Physical Organic Chemistry
4023752-3	Petroleum Chemistry	4022142-3	Chemistry of Aromatic Compounds	4023564-3	Coordination Chemistry	4023552-2	Chemistry of Transition Elements
603301-2	The Holy Qur'an III	605201-2	The Holy Qur'an II	4023765-2	Quantum Chemistry and Molecular Spectroscopy	4022131-2	General Chemistry (2)
601401-2	Islamic Culture (iv)	601301-3	Islamic Culture III	4022135-3		4022135-3	Thermodynamics

7				8			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4024771-3	Dyes and Fibers	4023551-3	Physical Organic Chemistry	4024574-2	Environmental Chemistry	4023562-3	Separation Methods and Thermal Analysis
4024776-2	Petrochemicals Industries	4023752-3	Petroleum Chemistry	4024784-2	Chemistry of Cement and Construction Materials	4023552-2	Chemistry of Transition Elements
4024777-3	Industrial Application of Catalysis	4023554-3	Surface Chemistry	4024782-2	Chemistry of Detergents and Pesticides	4023556-3	Heterocyclic Chemistry
4024773-1	Water Treatment	4023553-3	Spectrophotometric and Electrochemical Methods of Analysis	4024781-2	Industrial Food Chemistry	4023561-3	Organic Spectroscopy
4024774-2	Inorganic Chemistry Industries	4023552-2	Chemistry of Transition Elements	4024783-2	Medical Chemistry	4023556-3	Heterocyclic Chemistry
4024775-2	Industrial Analysis and Quality Measurements	4023562-3	Separation Methods and Thermal Analysis	4024987-3	Graduation Project	4023966-3	Summer Training
605401-2	The Holy Qur'an (IV)	605301-2	The Holy Qur'an III	4024581-3	Polymer Chemistry	4023752-3	Petroleum Chemistry
4024772-1	Chemistry of Corrosion	4023551-3	Physical Organic Chemistry	4024584-2	Nanochemistry	4023554-3	Surface Chemistry
4024778-2	Corrosion and Electroplating	4023554-3	Surface Chemistry				

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الخطة الدراسية في برنامج الفيزياء بعد اجتياز السنة الأولى

1				2			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
7001401-4	English Language I			4031101-4	General Physics		
4041101-4	Calculus			7001402-4	English Language II	7001401-4	English Language I
601101-2	Islamic Culture I			501101-2	Arabic Language I		
605101-2	The Holy Qur'an I			102101-2	Biography of the Prophet		
4021101-4	General Chemistry I			4011101-4	General Biology		

3				4			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4032102-4	General Physics(2)	4031101-4	General Physics	4032141-4	Theoretical Methods in Physics (1)	4042501-4	Differentiation and
4042501-4	Differentiation and Integration(2)	4041101-4	Calculus	601201-2	Islamic Culture II	601101-2	Islamic Culture I
4032121-4	Electricity and Magnetism	4032102-4	General Physics	4032150-4	Modern Physics	4032102-4	General Physics(2)
4042402-4	Linear Algebra(1)	4041101-4	Calculus	4032122-3	General Physics(3)	4032121-4	Electricity and Magnetism
				4032131-4	Optics	4032102-4	General Physics(2)

5				6			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4033145-4	Quantum Mechanics (1)	4032141-4	Theoretical Methods in Physics (1)	605301-2	The Holy Qur'an III	605201-2	The Holy Qur'an II
605201-2	The Holy Qur'an II	605101-2	The Holy Qur'an	4033132-3	Electromagnetism(1)	4032141-4	Theoretical Methods in Physics (1)
4033143-4	Classical Mechanics(I)	4032102-4	General Physics(2)	601301-3	Islamic Culture III	601201-2	Islamic Culture II
4033110-3	Heat and Thermodynamics	4032102-4	General Physics(2)	4033146-3	Quantum Mechanics (2)	4033145-4	Quantum Mechanics (1)
4033142-4	Theoretical Methods in Physics(2)	4032141-4	Theoretical Methods in Physics (1)	4033144-2	Classical Mechanics(2)	4033143-4	Classical Mechanics(1)
				4033111-3	Statistical Thermodynamics	4033110-3	Heat and Thermodynamics

7				8			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4034170-4	Solid State Physics(1)	4033145-4	Quantum Mechanics (1)	601401-2	Islamic Culture (iv)	601301-3	Islamic Culture III
4034160-4	Nuclear Physics	4033145-4	Quantum Mechanics (1)	4034199-3	Graduated Project		
4034133-3	Electromagnetism(2)	4033132-3	Electromagnetism(1)	4034173-4	Electronics	4034170-4	Solid State Physics(1)
4034180-3	Computational Physics	4033142-4	Theoretical Methods in Physics(2)	4034172-4	Solid State Physics (2)	4034170-4	Solid State Physics(1)
605401-2	The Holy Qur'an (IV)	605301-2	The Holy Qur'an III	4034162-3	Radiation Physics	4034160-4	Nuclear Physics

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الخطة الدراسية في برنامج الفيزياء الطبية بعد اجتياز السنة الأولى

1				2			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
7001401-4	English Language I			4031101-4	General Physics		
4041101-4	Calculus			4011101-4	General Biology		
601101-2	Islamic Culture I			501101-2	Arabic Language I		
605101-2	The Holy Qur'an I			7001402-4	English Language II	7001401-4	English Language I
4021101-4	General Chemistry I			102101-2	Biography of the Prophet		
3				4			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4032180-4	Fundamentals of Medical Physics	4031101-4	General Physics	4032141-4	Theoretical Methods in Physics (I)	4042501-4	Differentiation and
4042501-4	Differentiation and Integrations(2)	4041101-4	Calculus	601201-2	Islamic Culture II	601101-2	Islamic Culture I
4012312-2	Cell Biology	4011101-4	General Biology	4013331-3	Animal Physiology I	4012312-2	Cell Biology
4032102-4	General Physics(2)	4031101-4	General Physics	605201-2	The Holy Qur'an II	605101-2	The Holy Qur'an I
4032121-4	Electricity and Magnetism	4031101-4	General Physics	4032293-3	Biomechanics	4032180-4	Fundamentals of Medical Physics
				4032150-4	Modern Physics	4032102-4	General Physics(2)
5				6			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4033285-4	Radiation Medical Physics (1)	4032180-4	Fundamentals of Medical Physics	4033292-4	Radiation Medical Physics(2)	4033285-4	Radiation Medical Physics (1)
4033145-4	Quantum Mechanics (1)	4032141-4	Theoretical Methods in Physics (I)	4034160-4	Nuclear Physics	4033145-4	Quantum Mechanics (1)
601301-3	Islamic Culture III	601201-2	Islamic Culture II	4034170-4	Solid State Physics(I)	4033145-4	Quantum Mechanics (1)
4033290-2	Physics of Medical Ultrasound	4032180-4	Fundamentals of Medical Physics	4033132-3	Electromagnetism(I)	4032141-4	Theoretical Methods in Physics (I)
4033296-2	Physics of Cell Membrane and Macromolecules	4013331-3	Animal Physiology	4033283-3	Health Physics	4033285-4	Radiation Medical Physics (1)
4033281-2	Physics of Medical Laser	4032180-4	Fundamentals of Medical Physics				
7				8			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
605301-2	The Holy Qur'an III	605201-2	The Holy Qur'an II	601401-2	Islamic Culture (IV)	601301-3	Islamic Culture III
4034291-2	Computer Application in Medical Physics	4033292-4	Radiation Medical Physics(2)	605401-2	The Holy Qur'an (IV)	605301-2	The Holy Qur'an III
4034289-3	Physics of Medical Imaging	4033292-4	Radiation Medical Physics(2)		Hospital Training		
4034295-4	Physics of Nuclear Medicine	4034160-4	Nuclear Physics				
4034296-3	Physics of Bio-Materials	4034170-4	Solid State Physics(I)				
4034286-4	Physics of Radiotherapy	4033292-4	Radiation Medical Physics(2)				

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الخطة الدراسية في برنامج العلوم الرياضية بعد اجتياز السنة الأولى

1				2			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4041101-4	Calculus			4011101-4	General Biology		
7001401-4	English Language I			102101-2	Biography of the Prophet		
601101-2	Islamic Culture I			7001402-4	English Language II	7001401-4	English Language I
605101-2	The Holy Qur'an I			4031101-4	General Physics		
4021101-4	General Chemistry I			501101-2	Arabic Language I		

3				4			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4042501-4	Differentiation and Integration(2)	4041101-4	Calculus	4042502-4	Ordinary Differential Equation	4042501-4	Differentiation and
4042401-4	Sets and Algebraic Structures			4042101-3	Intro-Real Analysis	4042501-4	Differentiation and
601301-2	Islamic Culture II	601101-2	Islamic Culture I	605201-2	The Holy Qur'an II	605101-2	The Holy Qur'an I
4042301-3	Elements of Statistics and Probability	4041101-4	Calculus	4042503-4	Multi - Variable Calculus	4042501-4	Differentiation and
4042402-4	Linear Algebra(1)			4042601-3	Differential Geometry	4042401-4	Sets and Algebraic Structures

5				6			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4043102-3	Real Analysis(1)	4042101-3	Intro-Real Analysis	4043702-3	Numerical Analysis	4042502-4	Ordinary Differential Equation
4043403-3	Group Theory	4042401-4	Sets and Algebraic Structures	4043103-3	Real Analysis (2)	4043102-3	Real Analysis(1)
601301-3	Islamic Culture III	601201-2	Islamic Culture II	4043504-4	Partial Differential Equations	4042502-4	Ordinary Differential Equation
4043302-3	Probability Theory	4042301-3	Elements of Statistics and Probability			4042503-4	Multi - Variable Calculus
4043701-4	Continuum Mechanics	4042502-4	Ordinary Differential Equation	601401-2	Islamic Culture (IV)	601301-3	Islamic Culture III
605301-2	The Holy Qur'an III	605201-2	The Holy Qur'an II	4043404-3	Linear Algebra(2)	4042402-4	Linear Algebra(1)
				4043405-3	Discrete Mathematics	4042402-4	Linear Algebra(1)
						4043403-3	Group Theory

7				8			
course code	course name	prerequisite	prerequisite course	course code	course name	prerequisite	prerequisite course
4044303-3	Mathematical Statistics	4043302-3	Probability Theory	4044901-2	Research Project		
4044201-3	Linear Programming	4042402-4	Linear Algebra(1)	4044304-3	Financial Mathematics	4044303-3	Mathematical Statistics
4044602-3	General Topology	4043102-3	Real Analysis(1)	4044202-3	Mathematical Software Packages	4043702-3	Numerical Analysis
4044703-4	Fluid Mechanics	4043701-4	Continuum Mechanics			4044303-3	Mathematical Statistics
4044406-3	Number Theory	4042401-4	Sets and Algebraic Structures	4044104-4	Complex Analysis	4043102-3	Real Analysis(1)
605401-2	The Holy Qur'an (IV)	605301-2	The Holy Qur'an III	4044105-3	Measure and Integration	4043103-3	Real Analysis(2)
				4044407-3	Rings and Fields Theory	4043403-3	Group Theory

السابق



الرجوع الى القائمة

