

Mathematics Programme

Student Work Load

Courses Name	Courses code	Credit		Contact Hours		Self-Study	Total
		ECTS	NCCCA	Lecture	Tutorial		
Introduction to Islamic Culture	SALM 101	3.3	2	2	0	2	4
Arabic language skills	ARAB 101	3.3	2	2	0	2	4
Contemporary Social Issues (elective)	SOCI101	3.3	2	2	0	2	4
Teaching techniques and Communication skills	EDU 116	3.3	2	2	0	2	4
Fundamentals of Islamic Education	EDU 117	3.3	2	2	0	2	4
The System and Policy of Education in KSA	EDU 118	3.3	2	2	0	2	4
Calculus (1)	Math 111	3.3	2	1	2	4	7
General physics(1)	PHYS 111	3.3	2	1	2	2	5
General chemistry (1)	Chem111	3.3	2	1	2	2	5
Islam and Society (elective)	SALM102	3.3	2	2	0	2	4
Developmental Psychology	EDU126	3.3	2	2	0	2	4
Calculus (2)	Math 121	6.7	4	3	2	4	9
Analytic Geometry	Math 124	6.7	4	3	2	4	9
The Foundations of Mathematics	Math122	5	3	2	2	3	7

Principles of Statistics and Probability	Stat 123	5	3	2	2	4	8
Voluntary Work (elective)	LHR101	3.3	2	2	0	2	4
Psychological Health	EDU216	3.3	2	2	0	2	4
Principles of Educational Research	EDU217	3.3	2	2	0	2	4
Calculus in Several Variables	Math212	6.7	4	3	2	4	9
Linear Algebra	Math214	6.7	4	3	2	4	9
Vector Analysis	Math213	6.7	4	3	2	4	9
Economic System in Islam (elective)	ECO102	3.3	2	2	0	2	4
Educational Psychology	EDU226	3.3	2	2	0	2	4
Principles of Probability - Distribution Theory	Stat 223	5	3	2	2	4	8
Introduction to ordinary Differential Equations	Math 224	6.7	4	3	2	4	9
Statics	Math 225	6.7	4	3	2	4	9
Number Theory	Math 222	5	3	2	2	4	8
Administration and Educational Planning	EDU316	3.3	2	2	0	2	4
Production of E-learning resources	EDU317	3.3	2	2	0	2	4
Numerical Analysis	Math 311	6.7	4	3	2	4	9

Mathematical Applications	Math 313	6.7	4	3	2	4	9
Real Analysis (1)	Math 312	6.7	4	3	2	4	9
Mathematics Lab	Math314	3.3	2	1	2	4	7
Teaching Strategies	EDU326	3.3	2	2	0	2	4
Curricula	EDU327	3.3	2	2	0	2	4
Mathematical Methods	Math324	6.7	4	3	2	4	9
Mathematical Applications on the Computer	Math 327	5	3	2	2	4	8
Group Theory	Math 322	5	3	2	2	4	8
Introduction to Topology	Math 323	6.7	4	3	2	4	9
Modern Trends in Teaching Strategies	EDU416	3.3	2	2	0	2	4
Educational Evaluation	EDU417	3.3	2	2	0	2	4
Complex Analysis	Math 413	5	3	2	2	4	8
Rings and Fields	Math 414	5	3	2	2	4	8
Introduction to Partial Differential Equations	Math 415	6.7	4	3	2	4	9
Real Analysis (2)	Math 412	6.7	4	3	2	4	9
Training course (Math)	EDU 428	10	6	6	0	6	12
Differential Geometry	Math 421	6.7	4	3	2	4	9
Introduction in Functional Analysis	Math 422	5	3	2	2	4	8
Research project	Math 425	3.3	2	2	0	4	6

Introduction to statistical inference	Stat 421	5	3	2	2	4	8
Total		240	144	115	58	159	332