

College of Education for Pure Science
Department of Mathematics

Syllabus and Units

Level	The course	Units No.
First	Calculus	8
	Foundation of Mathematics	6
	Linear Algebra	6
	Introduction to computer science	2
	Physics	4
	Arabic	4
	Human and democracy	2
	Principle of Education	4
	Educational psychology	4
	English	2
Second	Advanced Calculus	8
	Group Theory	5
	Systems axioms and geometry	5
	Ordinary differential equations	6
	Advanced computers Science	2
	Growth psychology	4
	Educational Administration and secondary education	4
	Scientific research method	4
	Baath crimes	2
	English Language	2
Third	Mathematical Analysis	6
	Numerical Analysis	6
	Statistics and probability	6
	Ring Theory	6
	Partial differential equations	5
	teaching methods	4
	Counseling and mental health	4
	English Language	2
Fourth	Topology	6
	Mathematical Statistic	6
	Complex Analysis	6
	Functional Analysis (Elective 1)	6
	Operations Research (Elective 2)	6
	Measurement and evaluation	4
	Practical Education	4
	Research	2
	English Language	2

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