Ibn al-Haytham Student Affairs Management System
02/10/2025 4:57 PM

Ahmed Al-Sayed Abdo Ali Farag	:Name
232000118	:Code
General Program Computer Science	:Program
144	:Required hours
76.0	:Success hours
70	:Mandatory hours
6	:Optional hours
0	:Project hours

successful	Number of elective courses required	Optional group code	Previous requirement	Course type	Credit hours	The rapporteur	Code
							Level 1
				Compulsory	3	differential	BSD101
				Compulsory	3	Offline mathematics	BSD103
				Compulsory	3	Linear algebra	BSD104
			differential	Compulsory	3	Statistics and probabilities	BSD105
				Compulsory	2	Artistic writing	BSD226
				Compulsory	3	Digital logic design	CSD101
				Compulsory	3	Basics of computer science	CSD102
			Basics of computer science	Compulsory	3	Programming basics	CSD106
				Compulsory	3	Basics of information systems	ISD101
				Compulsory	3	Introduction to databases	ISD102
			Introduction to databases	Compulsory	3	Systems analysis and design	ISD104
				Compulsory	2	English language	UNI-112
				Compulsory	2	Community issues	UNI-113
				Compulsory	2	Introduction to quality science	UNI-114
							Level 2
			Statistics and probabilities	Compulsory	3	Coincidental operations	BSD220
			differential Linear algebra	Compulsory	3	Operations Research	BSD222
			differential	Compulsory	3	Ordinary differential equations	BSD227
			differential	Compulsory	3	Advanced Mathematics	BSD228
			Digital logic design	Compulsory	2	physics	BSD232
			Programming basics	Compulsory	3	Data structures	CSD221
			Programming basics	Compulsory	3	Object Oriented Programming	CSD223
			Data structures	Compulsory	3	Algorithmic analysis	CSD230
				Compulsory	3	Web page programming	ISD224
				Compulsory	3	E-business	ISD229
				Compulsory	3	Summer training	TRN-GEN
	2	Elective2	Programming basics	Optional	3	Programming language concepts	CSD231
	2	Elective2		Optional	3	Information theory	ISD225
							Level 3
			Algorithmic analysis	Compulsory	3	Artificial Intelligence	CSD331
			Digital logic design	Compulsory	3	Computer building	CSD332
			Algorithmic analysis	Compulsory	3	Operating systems	CSD333
			Linear algebra Algorithmic analysis	Compulsory	3	Digital image processing	CSD334
			Digital logic design	Compulsory	2	Assembly language	CSD335

successful	Number of elective courses required	Optional group code	Previous requirement	Course type	Credit hours	The rapporteur	Code
			Programming language concepts	Compulsory	3	Translator design	CSD336
			Algorithmic analysis	Compulsory	3	Computer drawing	CSD337
			Computer building	Compulsory	3	Introduction to computer networks	CSD338
			Statistics and probabilities	Compulsory	3	Modeling and simulation	CSD340
			Systems analysis and design	Compulsory	3	Software engineering	CSD341
	2	ElectiveCS3	Object Oriented Programming	Optional	3	Advanced programming languages	CSD342
	2	ElectiveCS3	Algorithmic analysis	Optional	3	Digital signal processing	CSD343
							Level 4
			Introduction to computer networks	Compulsory	3	Mobile communications systems	CSD441
			Digital image processing	Compulsory	3	Computer vision systems	CSD443
			Operating systems	Compulsory	3	Distributed systems	CSD444
				Compulsory	3	Graduation Project 1	CSD449-1
				Compulsory	3	Graduation Project 2	CSD449-2
	3	ElectiveCS4	Artificial Intelligence	Optional	3	Introduction to machine learning	CSD-445
	3	ElectiveCS4	Programming basics	Optional	3	Dynamic languages	CSD452
	3	ElectiveCS4	Introduction to databases	Optional	3	Data mining	ISD-471