

الخطة الدراسية Course plan



كلية الشرق الأوسط
Middle East College

BSc(Hons) in Computer Science with pathway in Data Analytics

بكالوريوس العلوم (مع مرتبة الشرف) في
علوم الحاسب الآلي في مساق تحليل البيانات

Year 1									
	Module Code	Module Name	Level	Credits		Module Code	Module Name	Level	Credits
Fall Semester	MASC 10001.3	College Mathematics	1	15	Spring Semester	COMP 10017	Principles of Programming	1	15
	COMP 10002.1	Fundamentals of Computer Hardware	1	15		MASC 20003	Computational Statistics	1	15
	LANG 10001.2	English for Special Purpose	1	15		COMP 10006.1	Fundamentals of Computer Networks	1	15
	COMP 10004.1	Web Development	1	15		COMP 10007.1	Systems Analysis and Design	1	15
Year 2									
	Module Code	Module Name	Level	Credits		Module Code	Module Name	Level	Credits
Fall Semester	COMP 20034	Business Intelligence Systems	2	15	Spring Semester	COMP 20036	Data Analytics Systems & Algorithms	2	15
	COMP 20014.1	Advanced Programming	2	15		ELCT 20002.1	Entrepreneurship and New Venture Creation	2	15
	COMP 20041	Operating Systems & Cloud	2	15		COMP 20002.1	Fundamentals of Relational Database Management Systems	2	15
	ELECT 10002.1	Core Life Skills Strategies and Techniques	1	15		PROJS 20001.1	PROJECT - I	2	15
Year 3									
	Module Code	Module Name	Level	Credits		Module Code	Module Name	Level	Credits
Fall Semester	COMP 20043	Object Oriented Programming and Modeling	2	15	Spring Semester	COMP 20037	Artificial Intelligence and Deep learning	2	15
	COMP 30010.1	Software Quality Assurance	3	15		COMP 30038	Advanced Web Programming	3	15
	COMP 30021.1	Database Administration	3	15		COMP 30018.1	Systems Project Management	3	15
	COMP 20043	Programming for Big Data	2	15		COMP 20040	Text & Web Analytics	2	15
Year 4									
	Module Code	Module Name	Level	Credits		Module Code	Module Name	Level	Credits
Fall Semester	PROJS 30001.1	Project Planning	3	15	Spring Semester	BUSS 10001.1	Omani Business Environment Studies	1	15
	COMP 30039	Information Retrieval and the Cloud	3	15		COMP 30044	Mining and Predictive Analytics	3	15
	LANG 20002.2	Communication Skills	2	15		PROJS 30002.1	Project Design and Implementation	3	30
	COMP 30041	Scientific Programming	3	15					

Department Requirement	15
Major Elective	6
Project	3
College Elective	7
Total Modules	31



نحن ندقق بانتظام محتوى المناهج الدراسية لدينا ، لجعلها مواكبة للعصر وذات صلة كي يستفيد منها طلابنا على أكمل وجه. لهذه الأسباب ، قد يتم تحديث الوحدات الدراسية ، يرجى الاتصال بنا للحصول على أحدث المعلومات.

We regularly review our course content, to make it relevant and current for the benefit of our students. For these reasons, course modules may be updated, please contact us for the latest information.