Arab Open University AOU - Oman
Faculty of Computer Studies (FCS)

BSc AI
2025 Study Plan

Semester 1 / Semester 2 (Year 1)

	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.
Year 1	1	AR113	Arabic Communication Skills I	EF003 & IT100 & MA10P	3	1	EL112	English Communication Skills II	EL111	3
	2	EL111	English Communication Skills I	EF003 & IT100 & MA10P	3	2	GR131/ GR111	University Elective	EF003 & IT100 & MA10P	3
	3	GT101	Learning and Information Technology	EF003 & IT100 & MA10P	3	5	MST129	Applied Calculus	EF003 & IT100 & MA10P	4
	4	GR118	Life Skills and Coexistence	EF003 & IT100 & MA10P	3	4	M110	Python Programming	EL111	8
			Total Hours in Semester		12			**Total Hours in Semester**		18

Semester 3 / Semester 4 (Year 2)

	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.
Year 2	1	MT131	Discrete Mathematics	EL111	4	1	MT141	Introduction to Probability and Statistics	EL111	4
	2	TM112	Introduction to Computing and Information Technology 2	M110	8	2	MT132	Linear Algebra	EL111	4
	3	TM103	Computer Architecture and Organization	EL111	4	3	M269	Algorithm, Data structure and Computability	M110	8
			Total Hours in Semester		16			**Total Hours in Semester**		16

Semester 5 / Semester 6 (Year 3)

	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.
Year 3	1	TM270	Artificial intelligence	TM112 & MT141	8	1	TM271	Machine Learning and Deep learning	MT141 & TM270	8
	2	TM275	Parallel and Distributed Systems	TM103	4	1	TM351	Data Management and Analysis	M269	8
	3	TM276	Software Development Processes and Methodologies	TM112	4	2	TM291	Database Management Systems	M110	3
	4	M109	.Net Programming	M110	3	4	ITC309	Industrial Training	completeing 90 credits	0
			Total Hours in Semester		19			**Total Hours in Semester**		19

Semester 7 / Semester 8 (Year 4)

	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.
Year 4	1	TM340	Natural Language Processing	TM271	8	1	TM341	Computer Vision	TM271	8
	2	TM471-I	Graduation Project - I	TM351 / TM340 / TM341	4	2	TM471-II	Graduation Project - II	TM471-I	4
	3	GB102E	English Communication Skills II	EL112	3	3	TM260	Security, Ethics and Privacy in IT and Computing	TM271	4
			Total Hours in Semester		15			**Total Hours in Semester**		16

Legend
Core Programme Courses
Faculty Elective Courses
Faculty Requirement Courses
University Requirement Courses
University Elective Courses

Total Credits: 131