

المواد الدراسية المطلوبة في الامتحان التنافسي لدراسة الماجستير
العام الدراسي 2026-2027

No.	Subject Name	Reference Book	Edition	Authors	Chapters
1	CRYPTOGRAPHY AND NETWORK SECURITY	CRYPTOGRAPHY AND NETWORK SECURITY PRINCIPLES AND PRACTICE	SEVENTH EDITION	William Stallings	1 to 10
2	OPERATING SYSTEM	OPERATING SYSTEM CONCEPTS	TENTH EDITION	Abraham Silberschatz	3, 5, 6, 8, and 9
3	COMPUTER NETWORK	Data Communications and Networking with TCP/IP Protocol	SIXTH EDITION	Behrouz A. Forouzan	1,2,3,4,5,6 and 7
4	ARTIFICIAL INTELLIGENCE	ARTIFICIAL INTELLIGENCE A MODERN APPROACH	THIRD EDITION	Stuart Russell and Peter Norvig	1,2,3,4,12, and 25
5	DIGITAL IMAGE PROCESSING	DIGITAL IMAGE PROCESSING	FOURTH EDITION	Rafael C. Gonzalez and Richard E. Woods	1, 7, 8, and 10
6	PROGRAMMING AND OBJECT-ORIENTED PROGRAMMING	JAVA: THE COMPLETE REFERENCE	ELEVENTH EDITION	Herbert Schildt	3,4,5,6,7,8, 10,17



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