

UC Berkeley Extension Post-Baccalaureate Certificate in Information Systems and Management

CORE COURSES	Semester Units/Hours	Class/ Online*	Spring Term	Summer Term	Fall Term
X422 Introduction to Information Systems Analysis and Design	3 units/ 45 hours	C/O	X	X	X
X423 Advanced Business Systems Analysis	3 units/ 45 hours	C/O	X	X	X
X409.1 Introduction to Relational Database Management Systems	2 units/ 30 hours	C	X		X
X408 Concepts of Relational Database Management Systems	3 units/ 45 hours	O	X	X	X
X426.1A UNIX/Linux System Fundamentals	2 units/ 30 hours	C	X	X	X
X415 Using the UNIX Operating System	3 units/ 45 hours	O	X	X	X
X426.1B UNIX/Linux System Administration Programming: Shell, C, and Perl	2 units/ 30 hours	C		X	X
X433 Fundamentals of Data Communications and Networking	2 units/ 30 hours	C/O	X		X
X458.4 Managing the Software Development Lifecycle	1 unit/ 15 hours	C		X	X
X438.1 Software Requirements Analysis	1 unit/ 15 hours	C	X		
X433 Software Project Management	2 units/ 30 hours	C	X		X
X449.3 Software Quality Assurance Methodologies: Practices in the Software Industry	2 units/ 30 hours	C	X	X	
ELECTIVE COURSES	Semester Units/Hours	Class/ Online*	Spring Term	Summer Term	Fall Term
X465 Technical Communication I	2 units/ 30 hours	C	X		X
X422 Project Management for Technical Communicators	1 unit/ 15 hours	C	X		
Any one 2 semester unit course in C or Java Programming	2 units/ 30 hours	C/O	offered throughout the year		
Any one 2 semester unit course in SQL or Database Technology	2 units/ 30 hours	C/O	offered throughout the year		
Any one 1 semester unit course in Perl, Python, or PHP	1 unit/ 15 hours	C/O	offered throughout the year		

Class availability subject to change.