

UC Berkeley Extension Professional Sequence in Database Management

REQUIRED COURSES	Semester Units/Hours	Class/ Online*	Spring Term	Summer Term	Fall Term
X409.1 Introduction to Relational Database Management Systems	2 units/ 30 hours	C	X		
X401.9 Managing Data(bases) using SQL	2 units/ 30 hours	C/O		X	X
X402.5 Data Modeling and Database Design	2 units/ 30 hours	C	X		
X478 Building Database Systems	2 units/ 30 hours	C		X	
ELECTIVE COURSES	Semester Units/Hours	Class/ Online*	Spring Term	Summer Term	Fall Term
X405 Introduction to the SAS System	2 units/ 30 hours	C	X	X	X
X444 C Language Programming I	2 units/ 30 hours	C		X	
X429.9 First Course in Java	2 units/ 30 hours	C		X	X
X416.7 Introduction to Perl Programming	1 unit/ 15 hours	C/O	X	X	X
X401 Intermediate Perl Programming	1 unit/ 15 hours	C		X	
X481.9 Database Marketing and Data Driven Customer Relationship Management (CRM)	2 units/ 30 hours	C			X
X405.4 Designing, Building, and Using Databases	2 units/ 30 hours	C	X		X
X405.5 Developing Database Applications	2 units/ 30 hours	C	X		X
X405.6 Database Automation Using VBA	2 units/ 30 hours	C	X		X
X413.7 Basic Principles in Managing a Data Warehouse	2 units/ 30 hours	C	X		

Class availability subject to change.

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***Format in which course may be offered.**