



**COMPUTER INFORMATION SYSTEMS
DATABASE MANAGEMENT
CERTIFICATE OF ACHIEVEMENT
SAMPLE SEQUENCE MAP**

This form is designed to be used in partnership with academic counselors. Modifications may be necessary to meet your goals. Seek assistance from an academic counselor each semester to stay on track to completion of major/certificate. There are 3 General Education patterns available. Not all courses on the map are offered every term. Consult the Catalog and the Schedule of Classes for more details

	Courses	Pre- or co-reqs	Credit	GE
Semester 1	CIS 107 – Introduction to Web Databases		2	
	CIS 115 – Microsoft Word – Comprehensive		2	
	Certificate Applicable Elective: 2 Units from CIS 100 or 101		2	
		Total	6	

	Courses	Pre- or co-reqs	Credit	GE
Semester 2	CIS 117 – Microsoft Access – Comprehensive		2	
	CIS 118 – Microsoft PowerPoint – Comprehensive		2	
	CIS 119 – Microsoft Outlook – Comprehensive		2	
		Total	6	

	Courses	Pre- or co-reqs	Credit	GE
Semester 3	CIS 160 – introduction to MySQL		2	
	CIS 170 – Networking for Non-IT Professionals		2	
	CIS 116 – Microsoft Excel – Comprehensive		2	
		Total	6	

Program total: 18