

## 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
<b>Semester 1</b>	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
<b>Semester 2</b>	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
<b>Semester 3</b>	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**

### Tentative Planned Course Offering:

<u>FALL 2019</u>		<u>SPRING 2020</u>		<u>SUMMER 2020</u>	<u>FALL 2020</u>		<u>SPRING 2021</u>	
CIS 100^	CIS 119^	CIS 100^	CIS 119^	CIS 100^	CIS 100^	CIS 119^	CIS 100^	CIS 119^
CIS 101^	CIS 120	CIS 101^	CIS 120	CIS 115^	CIS 101^	CIS 120	CIS 101^	CIS 120
CIS 105	CIS 130	CIS 105	CIS 133	CIS 116^	CIS 105	CIS 130	CIS 105	CIS 133
CIS 106	CIS 132	CIS 107	CIS 160	CIS 117^	CIS 106	CIS 132	CIS 107	CIS 160
CIS 108	CIS 133	CIS 108	CIS 170^	CIS 118^	CIS 108	CIS 133	CIS 108	CIS 170^
CIS 115^	CIS 160	CIS 115^	CIS 180	CIS 119^	CIS 115^	CIS 160	CIS 115^	CIS 181
CIS 116^	CIS 170^	CIS 116^			CIS 116^	CIS 170^	CIS 116^	
CIS 117^	CIS 181	CIS 117^			CIS 117^	CIS 180	CIS 117^	
CIS 118^		CIS 118^			CIS 118^		CIS 118^	