

Computer Web Support & Database Administration Associate Degree

Major Code: 0709.00

Associate of Arts degree requires 31 units of major, 21 units of G.E. and 9 units of any GE/CS/CIS courses

Associate of Science degree requires 31 units of major, 18 units of G.E. and 12 units of any CS/CIS courses

SLO#1-Understand how the internet uses HTML, Client side and Server side scripting to build modern web sites

SLO#2-Design and maintain websites using HTML, CSS and JavaScript

SLO#3-Design and develop web applications using ASP.Net, JavaScript and HTML5 technologies

SLO#4-Design and maintain databases that are used to serve dynamic data to websites

SLO#5-Design and develop dynamic databases applications using enterprise databases such as Oracle, Microsoft SQL Server and MySQL

SLO#6-Understand the core concepts in building an E-Commerce site that is published on the internet

Semester 1:

Course		Units
CIS 120	Database Design	3
CIS 148	Web Dev HTML5 & CSS	3
Major elective*		6

Semester 3:

Course		Units
CIS 237	Microsoft SQL Server	3
Major Elective*		6

Semester 2:

Course		Units
CIS 219	Oracle Database	3
CIS 150	Web Dev Java script & Ajax	4
Major elective *		3

Semester 4:

Course		Units
	GE Elective (see counselors)	18
	Additional GE/CS/CIS	12
Total Degree Units		61

*Major Electives:

Choose major elective and CS/CIS elective from the following courses

CIS 185	(Direct Study- Computer Science - Information Technology)
CIS 285	(Direct Study- Computer Science - Information Technology)
CIS 190	(E-Commerce Essentials)
CIS 147	(Introduction to Web Technology and Design)
CS 140	(Programming for Mobile Application)
CS 141	(Advance Programming for Mobile Devices)
CS 119	(Programming in Python)
CS 213	(Programming in Java)
CIS 115	(Advance Linux Operating System and Applications)
CIS 211	(Introduction to Security+)