

PROGRAMS

DATA ANALYST - CERTIFICATE

Data Analyst Associate Certificate of Achievement

The Certificate of Achievement in Data Analytics Associate is designed to provide students with knowledge and skills required for a variety of entry level positions in the field of Data Analytics. The program includes foundation courses in Data Analytics and a wide range of skill-builder courses.

Program Learning Outcomes:

- Students will analyze a problem and identify and define the computing and data requirements appropriate to its solution.
- Students will apply data analytics techniques and tools to implement and test a specified design.
- Students will communicate and report data findings and solutions using data presentation and visualization tools.

To earn this certificate, students must meet the following requirements:

1. Complete all required certificate courses with a C (or P) or better.
2. Complete at least 1/3 of the program courses at Mission College to establish residency.

NOTES:

- Requirements here apply to the current catalog year and are subject to change. Visit DegreeWorks in-1 My Mission Portal-1 to view requirements based your catalog year.
- Not all classes are offered each semester.

Required Core Curriculum Courses (12.0 units):

Code	Class	Units
CIS 007	Python Programming (3.0 Lecture/1.0 Lab)	4.0
CIS 051	Introduction to Data Analysis (3.0 Lecture/1.0 Lab)	4.0
CIS 055	Database Management Systems I (2.5 Lecture/0.5 Lab)	3.0

Elective Courses (minimum of 7.0 units or any CIS course work):

Students can take any combination of the following courses.

Code	Class	Units
CIS 001	Introduction to Computer Science and Technology (3.0 Lecture/1.0 Lab)	4.0
CIS 056	Database Management Systems II (2.5 Lecture/0.5 Lab)	3.0
BUS 021L	Introduction to Business Computing Laboratory (1.0 Lab)	1.0
BUS 078B	Business Communications (3.0 Lecture)	3.0
CAP 062B	Introduction to Microsoft Excel (1.0 Lecture)	1.0
CAP 063B	Intermediate Microsoft Excel (2.0 Lecture)	2.0

	Name	Units
WRK 300GW	Work Experience	1.0-4.0

Units Required

	Units
Total Required Units	18.0 - 19.0

Career Opportunities

Career opportunities include the following: Computer System Analyst, Data Analyst, Data Warehousing Specialists, Computer and Information Research Scientists, Operations Research Analysts.

MAKE AN APPOINTMENT WITH A COUNSELOR SUBMIT A COURSE SUBSTITUTION REQUEST CONTACT THE DEPARTMENT