

# Advising Sheet (BS-DA)

## AA - Pathway to a Bachelors in Data Analytics

The recommendations below are based on MDC's requirements for the Bachelors in Data Analytics. All categories are required by MDC for AA degrees.

1. Communications	Credits	Notes
ENC1101	3	Required by MDC
ENC1102	3	Required by MDC

2. Oral Communications	Credits	Notes
SPC1017	3	Other courses are available. This one is recommended.

3. Humanities	Credits	Notes
PHI2010	3	[State Core] Other courses are available. This one is recommended.
PHI2604	3	[MDC Core] Other courses are available. This one is recommended.

4. Behav/Soc Science	Credits	Notes
ECO2013	3	[State Core] Other courses are available. This one is recommended.
CLP1006	3	[MDC Core] Other courses are available. This one is recommended.

5. Natural Science	Credits	Notes
BSC1005	3	[State Core] Other courses are available. This one is recommended.
PSC1515	3	[MDC Core] Other courses are available. This one is recommended.

6. Math	Credits	Notes
MAC1105	3	Other courses are available. This one is strongly recommended.
STA2023	3	Required by BS-DA degree

7. General Elective (3 cred)	Credits	Notes
CGS1060C	4*	Required prerequisite. Satisfies Computer Competency requirement.

Electives (24 credits)	Credits	Notes
<i>*Carryover credits (above)</i>	1	1 from CGS1060
CGS1540C (Database)	4	Prerequisite to other database courses
CTS1437 (SQL Admin.)	4	Required by BS-DA degree
CTS2433 (SQL Implem.)	4	Required by BS-DA degree
GEB2100 (Bus. Analytics)	3	Required by BS-DA degree
Technology Electives	8	Choose TWO technology courses in areas such as programming, computer support, web development, networking, and databases. Speak with your advisor for a list of available courses.
Foreign Language	8	Two courses are required prior to graduation unless two years were completed in high school. If you must take these at MDC, substitute this requirement for the 8 credits above.

# Sample Schedule

## First Term

Course ID	Course Name	Credits	Notes
ENC1101	English Composition 1	3	
CGS1060C	Intro to Microcomputers	4	Required for all other computer courses
MAC1105	College Algebra	3	
BSC1005	General Education Biology	3	

## Second Term

Course ID	Course Name	Credits	Notes
ENC1102	English Composition 2	3	
PSC1515	Energy / Natural Environment	3	
STA2023	Statistical Methods I	3	
CGS1540C	Database Concepts	4	Prerequisite: CGS1060

## Third Term (Summer)

Course ID	Course Name	Credits	Notes
PHI2604	Critical Thinking and Ethics	3	
SPC1017	Fundamentals of Speech	3	

## Fourth Term

Course ID	Course Name	Credits	Notes
CLP1006	Psychology of Personal Eff.	3	
GEB2100	Intro to Business Analytics	3	Prerequisite: CGS1060
CTS1437	SQL Administration	4	8-week course. Prerequisite: CGS1540C
CTS2433	SQL Implementation	4	8-week course. Prerequisite: CTS1437

## Fifth Term

Course ID	Course Name	Credits	Notes
PHI2010	Intro to Philosophy	3	
ECO2013	Economics (Macro)	3	
Elective 1	Technology Elective 1	4	
Elective 2	Technology Elective 2	4	