

Advising Sheet (BS-IST)

AA - Pathway to a Bachelors in Information Systems Technology

The recommendations below are based on **MDC's** requirements for the Bachelors in Information Systems Technology. 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
POS2041	3	[State Core] Or AMH2020. Satisfies Civic Literacy requirement.
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-IST degree

7. General Elective (3 cred)	Credits	Notes
CGS1060C	4*	Required by BS-IST and satisfies Computer Competency requirement

Electives (24 credits)	Credits	Notes
*Carryover credits (above)	1	1 from CGS1060
CGS1540C (Database)	4	Required by BS-IST degree
COP1334 (C++)	4	Required by BS-IST degree
CTS1134 <u>or</u> CTS1650	4	Required by BS-IST degree. Networking Tech. or Cisco I
Technology Electives	12	Choose THREE 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	
COP1334	Intro to Programming (C++)	4	Prerequisite: CGS1060
CTS1134	Networking Technologies	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	
STA2023	Statistical Methods I	3	
Elective 1	Technology Elective 1	4	
CGS1540C	Database Concepts	4	Prerequisite: CGS1060

Fifth Term

Course ID	Course Name	Credits	Notes
PHI2010	Intro to Philosophy	3	
POS2041	American Federal Govt	3	
Elective 2	Technology Elective 2	4	
Elective 3	Technology Elective 3	4	