# Computer Information Systems - Planning Guide <br> 2017-2018 Catalog 

SUGGESTED SEMESTER-BY-SEMESTER PLANNING GUIDE
(For listing of courses, see reverse of this sheet)

| $1^{\text {st }}$ Semester - First Year |  | 2nd Semester - First Year |  |
| :---: | :---: | :---: | :---: |
| ENG 1010 <br> MTH 1310 <br> HIS $\qquad$ | Composing Arguments <br> Finite Math for Mgmt \& Soc Science <br> History <br> Natural and Physical Science Elective | ENG 1020 MTH 1320 BUS 1850 | Freshman Comp: Analysis, Research \& Doc. Calculus for Mgmt \& Soc Sciences Introduction to Business Natural and Physical Science Elective |
| $\begin{array}{r} \hline \text { PSY } 1001 \text { or } \\ \text { SOC } 1010 \end{array}$ | Introduction to Psychology or Introduction to Sociology | CAS 1010 or CAS 1710 | Public Speaking or Interpersonal Communication |
| $1^{\text {st }}$ Semester - Second Year |  | $2{ }^{\text {nd }}$ Semester - Second Year |  |
| ECO 2010 <br> ACC 2010 <br> CIS 2010 <br> MGT 2210 | Principles of Economics - Macro <br> Principles of Accounting I <br> Foundations of Information Systems <br> Legal Environment of Business I <br> Elective | ECO 2020 <br> ACC 2020 <br> MKT 2040 <br> CIS 2110 | Principles of Economics - Micro <br> Principles of Accounting II <br> Business Communication <br> Structured Problem Solving in Information Systems Arts and Humanities |
| It is required that students meet with an advisor in their major to plan their remaining 60 credit hours. It is recommended that students begin with the business core course related to their major and adjust other business core courses accordingly. Department offices' will have suggested planning guides for their majors. |  |  |  |
| $1^{\text {st }}$ Semester - Third Year |  | $2{ }^{\text {nd }}$ Semester - Third Year |  |
| CIS 3300 <br> CIS 3050 <br> CIS 3230 <br> FIN 3300 | Business Analytics I (Descriptive and Predictive) Fundamentals of Systems Analysis and Design Telecommunication Systems and Networking Managerial Finance | CIS 3320 <br> MGT 3000 <br> MKT 3000 <br> CIS 3060 <br> CIS 3500 | Business Analytics II (Prescriptive) <br> Organizational Management <br> Principles of Marketing <br> Database Management Systems <br> Information Systems Security |
| PHI 3360 or PHI 1030 | Business Ethics (preferred) or Ethics |  |  |
| $1^{\text {st }}$ Semester - Fourth Year |  | $2^{\text {nd }}$ Semester - Fourth Year |  |
| CIS 3145 <br> CIS $\qquad$ <br> CIS $\qquad$ $\qquad$ $\qquad$ | Business Application Development <br> CIS Elective <br> CIS Elective <br> Elective <br> Elective | MGT 4950 <br> CIS 4050 <br> CIS $\qquad$ | Strategic Management Systems Analysis and Design CIS Capstone Course Elective Elective |

## General Studies:

All Business majors at Metropolitan State University of Denver (Metro) must complete the University's minimum requirement of 33 hours of general studies courses. The College of Business requires 6 additional specific hours of general education for a total of 40 (PSY 1001 or SOC 1010, and MTH 1320 should be used to meet the College of Business requirements). Students desiring a Bachelor of Science degree from the College of Business should complete these courses as part of their first 60 credit hours. The General Studies Written Communication, Oral Communication, and Quantitative Literacy courses (see other side) must be completed before enrolling in Business Core courses.

## Multicultural Course:

The University's multicultural requirement may be satisfied by taking an approved multicultural course in general studies or electives portion of the degree requirement.
Global Diversity Requirement: The University's global diversity requirement may be satisfied by taking an approved global diversity course listed in the University Catalog: General Studies Requirements.

## CIS 2010:

The prerequisite is CIS/CSS 1010 with a grade of C- or better, or appropriate score on the Computer Information Systems computer literacy screening test.

## Business Core Courses:

A grade of C - or better must be earned in each business core course to have that course count toward the Bachelor of Science degree.

## BUS 1850:

Transfer students that transfer in 6 or more credits of business courses will not need to take BUS 1850 but may take any other College of Business 3-credit hour course that does not appear in their Major or Business Core requirements.

## Upper Division Courses:

A student must complete at least 40 credit hours of upper-division courses ( 3000 or 4000 level) at Metro of which at least 8 hours must be in Computer Information Systems.

## College of Business Residency requirements:

To earn a Bachelor's degree in computer information systems, a student must successfully complete 30 or more credit hours of business course work at Metro. This 30 -hour residency requirement can be met by completing any business courses with the prefix ACC, CIS, FIN, MGT and MKT except ACC 1010, CIS 1010, and FIN 2250.

College of Business Advising: Administration Building, AD-540, 303-352-7270
http://www.msudenver.edu/business/advising/index.shtml
CIS Department: Administration Building, AD-590, 303-556-3122
Chairman: Dr. Abel Moreno, morenoa@msudenver.edu
Advisor: Lauren Shaffer, lfox16@msudenver.edu
CIS Department Website: http://cis.msudenver.edu

*** Can be used for the CIS Concentration. See the "Two Options for completing a CIS Degree" advising sheet for the available concentrations and the associated elective courses.
Electives

## Total Electives

Total (minimum) credit hours for Bachelor of Science for CIS majors
${ }^{1}$ A Multicultural Course must be taken as an Elective or General Studies course.
${ }^{2}$ A Global Diversity course must be taken as a General Studies course.

