

Name _____ **ID #** _____ **Faculty Advisor** _____

CORE CURRICULUM

FOUNDATIONS (4/5 Courses/ 12-15 hours)
ENGL 102 Composition II _____

MATH 130, 150, or 170 _____

LANG 102/192 or SEDU 465 & 466 _____

CIS 120 Intro to Comp Apps _____

Information Access Workshop _____
(This is fulfilled in ENGL 102 at Dominican University or a stand-alone workshop)

LAS SEMINARS (4 courses/12 hours)
Freshman Seminar _____

Sophomore Seminar _____

Junior Seminar _____

Senior Seminar _____

AREA STUDIES (7 courses/21 semester hours)

History (HI) _____

Literature (LT) _____

Fine Arts (FA) _____

Natural Science (NS) _____

Philosophy (PH) _____

Social Science (SS) _____

Theology (TH) _____

MULTICULTURAL (1 course/3 semester hours)
Multicultural (MC) _____

***NR – not required/A.A. or A.S. earned**

Please check pre-requisites for all courses

MATH 230 (4) Linear Algebra _____

MATH 240 Discrete Structures _____

Complete one of the following:

MATH 251 (4) Calc. Trans. Functions _____

MATH 261 (4) Geom. Calculus I _____

Complete the following Math Courses:

MATH 262 (4) Geom. Calculus II _____

MATH 270 (4) Multivariable Calculus _____

Complete the following Computer Science

Courses:

CPSC 155 Computer Programming _____

CPSC 165 Computer Programming II _____

CPSC 275 Windows Based Dev. _____

CPSC 285 Database Design & Prog. _____

CPSC 323 Algorithm Analysis & Design _____

Complete one of the following courses: (1 course/1 hour)

CPSC 299 Community Based Learning _____

MATH 299 Community Based Learning _____

Students will choose one of the following concentrations to complete the major:
Data Analytics Concentration

MATH 311 Probability and Stats I _____

MATH 312 Probability and Stats II _____

MATH 313 Applied Stats _____

CPSC 415 Advanced Database Dev. _____

CPSC 416 Data Mining _____

CPSC Elective (300/400)* _____

*students can take a BSB/GLIS course with approval.

Complete one of the following two

courses:

CPSC 455 Internship _____

CPSC 471 Senior Project _____

Mathematics and Software

Development Concentration

CPSC 280 - Web Development _____

CPSC 321 - Web Development II _____

CPSC 430 - Systems Analysis & Design _____

CPSC 475 - Senior Software Dev. _____

Complete three of the following Math courses (280,311, 312, 313, 320, 330, 340, 360 or 375)

1. _____

2. _____

3. _____

Note: A minimum of four required courses in Mathematics and Computer Science at the 200 level or above must be completed at Dominican University.

ELECTIVES

Number of open electives varies depending upon student.

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

11) _____

12) _____

DETERMINING CLASS STANDING

Freshman: less than 28 credits

Sophomore: 28 – 59 credits

Junior: 60 – 89 credits

Senior: 90 or more credits

Transfer Earned _____

Dominican University Credit _____

TOTAL for Graduation 124