

Notes on Data Processing AAS

Prerequisites:

BUS 147 - BUS 146 (or BUS 146A & B) with a grade of "C" or better

BUS 153 - BUS 146 with "C" or better

CIS 126 - CIS 125

CIS 127 - CIS 125 or one or more programming courses

CIS 131 - CIS 111

CIS 143 - MAT 107 or Course II

CIS 221 - 3 credit programming course

CIS 234 - co reqs: CIS 127, 128 or 237

CIS 231 - CIS 125 and 2 programming languages (from CIS 127, 128, 143, 221), or permission of instructor

CIS 237 - CIS 125 and 2 programming languages (from CIS 127, 128, 143, 221), or permission of instructor

Definition of Terms:

Social Science - ANT, ECO, HIS, HED103, PSC, PSY, and SOC.

Math & Science - ANT103, AST, BIO, CHM, GEO, MAT, PHY, EGR 105, 106, & 204, and SCI.

Humanities - ENG 200 level, ART, FRN, GRM, MUS, PHI, RUS, SPA, SPH, and THR.

Liberal Arts - Any of the above courses.

Electives - Any credit course offered by the College including LIBERAL ARTS, BUS, COM, CIS, CRJ, EGR, FDT, HED 104, HRD, PED and TEC.

Physical Education - Two credits are required. PED 105, 172, 210, 211, and 212 are NOT activity courses.

RECOMMENDED SEQUENCES

FIRST YEAR

First Semester

1-4 HRD 100A, 100, or 110
3 ENG 101 or 100A & B
3 CIS 125
3 BUS 101
3 BUS 146*
1 BUS 118

Second Semester

3 ENG 102 - 110
4 MAT 123 or MAT 127
3 CIS 126
3 CIS Elective
4 BUS 147**
1 PED

SECOND YEAR

Third Semester

3 BUS Elective
3 Social Science**
3-4 Lab Science
3 CIS 143
3 BUS 201
1 PED

Fourth Semester

3 Social Science**
3 PHI 207
3 BUS Elective
3 Liberal Arts Elective
3 CIS 231
3 CIS 237

* BUS 146A & B may be substituted.

** ECO 201 & ECO 202 recommended

*** Prerequisite: BUS 146 (or BUS 146B) with a grade of C or better, and CIS 125.

Competency Areas: (See the SUNY Gen Ed Requirements per current catalog)

1 Mathematics # 6 Other World Civs
2 Natural Science # 7 Humanities
3 Social Science # 8 The Arts
4 American History # 9 Foreign Language
5 Western Civ # 10 Basic Communication