

Name: _____

BASED ON CREDITS

ECONOMICS (Data Analytics Track), B.S.

121 credits and Three 1-credit PE courses

GENERAL EDUCATION CORE

BASIC REQUIREMENTS

(6 credits and Three 1-credit PE Courses)

Composition and Rhetoric

- EN103 Composition and Rhetoric I
- EN104 Composition and Rhetoric I

Physical Education Courses

- PE 100
- PE _____
- PE _____

MODES OF THINKING (12 credits)

Literature (Select one)

- EN 110, EN 112, EN 115

Mathematics (Select one)

- MA 110, MA 111, MA 121
(MA 111 recommended)

Natural Science (Select one)

- BI 209, BI 210, BI 211, BI 242, CH 209,
CH 212, PH 208, PH 209

Philosophy

- PL 109

Social Sciences (**Satisfied by Major – EC 209**)

CULTURAL LITERACY (18 credits)

Humanities I and II. *Preferably* select a set (e.g., HI 201/202). However, a combination (e.g., PO 201 + HI 214) is acceptable.

- Hum. I: HI 201, PO 201, HI 213
- Hum. II: HI 202, PO 202, HI 214, HI 262

Humanities III: Great Works of Art & Music

- _____

Humanities IV: Great Works of Literature

- _____

Foreign Language/World Cultures

(Select either two of the same language, any two WC, or one WC and one approved course with international study)

- _____
- _____

CHRISTIAN VALUES AND THEOLOGY

(9 credits)

Catholic Theology

- TH 109

Intermediate Theology (200/300 level TH)

- TH _____

Values Seminar

- _____

MAJOR (49 credits)

- EC 112: Economics of Public Issues
- EC 209: Principles of Macroeconomics
- EC 210: Principles of Microeconomics
- EC 220: Money and Banking
- EC 336: Financial Markets & Institutions
- EC 400: Global Economic Issues
- EC 452: Senior Seminar in Economics
- MG 100: Introduction to Business
- MG 201: Principles of Management
- MG 220: Data Analysis
- MK 201: Principles of Marketing
- AB 217: Financial Accounting
- AB 272: The Legal Environment of Bus.
- AB 345: Data Analytics for Accounting and Finance **OR**
MK 410: Marketing Research
- EC Elective (300 level or higher) _____*
- EC Elective (300 level or higher) _____*
- MG 4000: Business Capstone – 1 credit

*AB 375: Legal Environment of International Trade may be used as an EC elective

DATA ANALYTICS TRACK (12 credits)

- MG 226: Intro to Data Analytics and AI
- CS 260: Databases & Data Visualization
- MI 353: Stat. Analysis & Predictive Modeling
- MI 462: Applied AI Platforms & Projects

FREE ELECTIVES (15 credits)

- _____ _____
- _____ _____
- _____ _____

OPTIONAL MINOR

- _____ _____
- _____ _____
- _____ _____

DE SALES UNIVERSITY
Example Plan: ECONOMICS (Data Analytics Track), B.S.

FIRST YEAR

FALL SEMESTER (15 credits and 1-credit PE)

Composition and Rhetoric I (EN 103)
Introduction to Business (MG 100)
Philosophy MOT (PL 109)
Economics of Public Issues (EC 112)
Math MOT (MA 111 recommended)
Lifetime Fitness and Wellness (PE 100)

SPRING SEMESTER (15 credits and 1-credit PE)

Composition and Rhetoric II (EN 104)
Principles of Management (MG 201)
Catholic Theology (TH 109)
Principles of Marketing (MK 201)
Data Analysis (MG 220) **
Physical Education (Activity)

SECOND YEAR

FALL SEMESTER (15 credits and 1-credit PE)

Principles of Macroeconomics (EC 209)
Financial Accounting (AB 217)
Humanities I
Foreign Language/World Cultures
Intro to Data Analytics and AI (MG 226)
Physical Education (Activity)

SPRING SEMESTER (15 credits)

Principles of Microeconomics (EC 210)
Money and Banking (EC 220)
Humanities II
Foreign Language/World Cultures
Databases & Data Visualization (CS 260)

THIRD YEAR

FALL SEMESTER (15 credits)

Intermediate Theology (200-300)
Financial Institutions & Markets (EC 336)
Humanities III
Free Elective
Literature MOT

SPRING SEMESTER (15 credits)

Natural Science MOT
Humanities IV
Economics of Global Issues (EC 400)
Legal Environment of Business (AB 272)
Stat. Analysis and Predictive Modeling (MI 353)

FOURTH YEAR

FALL SEMESTER (15 credits)

Values Seminar
Senior Seminar in Economics (EC 452)
Economics Elective
Applied AI Platforms & Projects (MI 462)
Free Elective

SPRING SEMESTER (16 credits)

Data Analytics for Acct & Finance (AB 345)
OR Marketing Research (MK 410)
Economics Elective
Free Elective
Free Elective
Free Elective
Business Capstone (MG 4000) - 1 credit

* AB 375: Legal Environment of International Trade may be used as an EC elective

** MG 220 is a prerequisite for MG 226

A. Koefer, Director of the Academic Success Center
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