

Name: \_\_\_\_\_

## **ACCOUNTING (Data Analytics) B.S.**

40 courses of three or more credits and 3 one-credit PE courses

### **GENERAL EDUCATION CORE**

**BASIC REQUIREMENTS** (2 courses and 3 one-credit PE courses)

- Composition and Rhetoric  
 EN103 Composition and Rhetoric I  
 EN104 Composition and Rhetoric II
- Physical Education Courses  
 PE 100  
 PE \_\_\_\_  
 PE \_\_\_\_

**MODES OF THINKING** (4 courses)

- Literature (Select one)  
 EN 110, EN 112, EN 115
- Mathematics (Select one)  
 MA 111
- Natural Science (Select one)  
 BI 209, BI 210, BI 211, BI 242, CH 209,  
PH 209
- Philosophy  
 PL 109
- Social Sciences (**Satisfied by Major – EC 209**)

**CULTURAL LITERACY** (6 courses)

- 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  
(See Master Schedule of Day Classes)  
 \_\_\_\_ \_\_\_\_
- Humanities IV: Great Works of Literature  
(See Master Schedule of Day Classes)  
 \_\_\_\_ \_\_\_\_
- Foreign Language/World Cultures  
(Select either two of the same language, any two WC, or one WC and one approved course with international study)  
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 \_\_\_\_ \_\_\_\_

**CHRISTIAN VALUES AND THEOLOGY**

(3 courses)

- Catholic Theology  
 TH 109
- Intermediate Theology (200/300 level TH)  
 TH \_\_\_\_
- Values Seminar: MG 475: Ethics of the Workplace  
 MG 475 \_\_\_\_

### **MAJOR**

(16 required courses)

- MG 100: Introduction to Business
- MG 201: Principles of Management
- MG 212: Data Analysis
- MK 201: Principles of Marketing
- EC 209: Principles of Macroeconomics
- EC 210: Principles of Microeconomics
- AB 217: Financial Accounting
- AB 219: Managerial Accounting
- AB 272: The Legal Environment of Bus.
- FN 331: Financial Management
- AB 301: Corporate Financial Reporting I\*
- AB 302: Corporate Financial Reporting II
- AB 322 Federal Income Taxation
- AB 452: Strategic Cost Management
- AB 453: Auditing
- AB Elective
- MG 4000: (One Credit)

**Data Analytics Track: (5 courses)**

- MG 226 Intro to Data Analytics and AI
- CS 260 Databases & Data Visualization
- MI 353 Statistical Analysis and Predictive Modeling
- MI 462 Applied AI Platforms & Projects
- AB 345 Data Analytics for Accounting and Finance

**ELECTIVES**

(As needed for 40-course req.)

- \_\_\_\_ \_\_\_\_
- \_\_\_\_ \_\_\_\_
- \_\_\_\_ \_\_\_\_
- \_\_\_\_ \_\_\_\_

***For the most up-to-date record of progress toward completion of degree requirements, students should use the Academic Evaluation tool, which is listed under the Academic Planning heading in WebAdvisor.***

**DeSales University**  
**Typical Program: ACCOUNTING Data Analytics, B.S.**

**FALL SEMESTER**

**SPRING SEMESTER**

**FIRST YEAR**

Composition and Rhetoric I (EN 103)  
Probability and Statistics (MA 111)  
Financial Accounting (AB 217)  
Introduction to Business (MG 100)  
Philosophy MOT (PL 109)  
Lifetime Fitness and Wellness (PE 100)

Composition and Rhetoric II (EN 104)  
Legal Environment of Bus. (AB 272)  
Principles of Marketing (MK 201)  
Principles of Management (MG 201)  
Managerial Accounting (AB 219)  
Physical Education (Activity)

**SECOND YEAR**

Corporate Financial Reporting I (AB 301)  
Principles of Macroeconomics (EC 209)  
Humanities 1  
Intro to Data Analytics and AI (MG226)  
Catholic Theology (TH 109)  
Physical Education (Activity)

Corporate Financial Reporting II (AB 302)  
Principles of Microeconomics (EC 210)  
Humanities 2  
Data Analysis (MG 212)  
Databases & Data Visualization (CS 260)

**THIRD YEAR**

Federal Income Taxation (AB 322)  
Humanities 3  
Financial Management (FN 331)  
Statistical Anal & Pred Modeling (MI 353)  
Literature MOT

... or ...

... or ...

... or ...

Natural Science MOT  
Humanities 4  
Free Elective  
Intermediate Theology (200-400)  
Foreign Language/World Cultures

**FOURTH YEAR**

Values Seminar: (MG 475)  
Foreign Language/World Cultures  
AB Elective  
Free Elective  
Free Elective

...or...

Strategic Cost Mgmt. (AB 452)  
MG4000 (1 credit)  
Applied AI Platforms & Projects (MI 462)  
Auditing (AB 453)  
Data Anal. for Acctg & Finance (AB 345)  
Free Elective