Name: _____

NURSING BSN, with Data Analytics/Applied AI Concentration
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
- ☐ EN 103 Composition and Rhetoric I
- ☐ EN 104 Composition and Rhetoric II

Physical Education Courses
- ☐ PE 100
- ☐ PE ____
- ☐ PE ____

MODES OF THINKING (2 courses)
Literature (Select one)
- ☐ EN 110, EN 112, EN 115

Mathematics **(Satisfied by Major – MA 111)**
Natural Science **(Satisfied by Major)**
Philosophy
- ☐ PL 109

Social Sciences **(Satisfied by Major)**

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)
- ☐ ___ ____
- ☐ ___ ____

CHRISTIAN VALUES AND THEOLOGY
(3 courses)
Catholic Theology
- ☐ TH 109

Intermediate Theology
- ☐ ___ ____

Values Seminar
(See Master Schedule of Day Classes)
- ☐ ___ ____

MAJOR
(22 required courses)

- ☐ NU 205: Fundamentals of Nursing
- ☐ NU 215: Health and Physical Assessment
- ☐ NU 220: Pharmacology
- ☐ NU 230: Therapeutic Nursing Intervention
- ☐ NU 305: Therapeutic Nutrition
- ☐ NU 320: Health Risk Models and Research
- ☐ NU 335: The Chronically Ill Adult
- ☐ NU 340: Mental Health Nursing
- ☐ NU 350: Nursing of the Childbearing Family
- ☐ NU 365: Nursing Care of Children
- ☐ NU 370: The Older Adult
- ☐ NU 430: Nursing of the Acutely Ill Adult
- ☐ NU 440: Community & Public Health Nursing
- ☐ NU 452: Senior Integrating Seminar
- ☐ NU 454: Clinical Nursing Internship

REQUIRED ELECTIVES
(7 courses)

- ☐ BI 252: Microbiology
- ☐ BI 263: Anatomy and Physiology I
- ☐ BI 264: Anatomy and Physiology II
- ☐ CH 107: Physiological Chemistry
- ☐ MA 111: Probability and Statistics
- ☐ PS 109: Introduction to Psychology
- ☐ PS 240: Human Development

Data Analytics/Applied AI Concentration
(7 courses, 2 are Nursing requirements)

- ☐ MA 111: **(Satisfied by Required Elective)**
- ☐ MG 220: Data Analysis
- ☐ MG 226: Introduction to Data Analytics and AI
- ☐ NU 320: **(Satisfied by Major)**
- ☐ CS 260: Databases & Data Visualization
- ☐ MI 353: Statistical Analysis & Predictive Modeling
- ☐ MI 462: Applied AI Platforms and Projects

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.

DE SALES UNIVERSITY
Typical Program: NURSING MAJOR (BSN) with Data Analytics/Applied AI Concentration

FALL SEMESTER   **SPRING SEMESTER**

FIRST YEAR

Introduction to Psychology (PS 109)	Physiological Chemistry (CH 107)
Anatomy & Physiology I (BI 263)	Anatomy & Physiology II (BI 264)
Composition and Rhetoric I (EN 103)	Composition and Rhetoric II (EN 104)
Foreign Language/World Cultures	Foreign Language/World Cultures
Philosophy MOT (PL 109) **... or ...**	Probability & Statistics (MA 111)
Lifetime Fitness and Wellness (PE 100)	Physical Education (Activity)

SECOND YEAR

Fundamentals of Nursing (NU 205)	Pharmacology (NU 220)
Microbiology (BI 252)	Therapeutic Nurs. Intervention (NU 230)
Health & Physical Assessment (NU 215)	Intermediate Theology
Human Development (PS 240)	Humanities 1
Catholic Theology (TH 109)	Data Analysis (MG220) *
Physical Education (Activity)	

THIRD YEAR

The Chronically Ill Adult (NU 335)	The Older Adult (NU 370)
Mental Health Nursing (NU 340)	Nurs. of the Childbearing Family (NU 350)
Therapeutic Nutrition (NU 305)	Nursing Care of Children (NU 365)
Intro to Data Analytics & AI (MG 226)	Literature MOT
Humanities 2	Databases & Data Visualization (CS260)

FOURTH YEAR

Nursing of the Acutely Ill Adult (NU 430)	Senior Integrating Seminar (NU 452)
Community and Public Health Nursing (NU 440)	Clinical Nursing Internship (NU 454)
Humanities 3	Humanities 4
Health Risk Models and Research (NU 320)	Applied AI Platforms and Projects (MI462)
Statistical Analysis & Predictive Modeling (MI353)	Elective Values Seminar

*MG 220 is a prerequisite for MG 226

MOT = Modes of Thought