

Name: _____

HOMELAND SECURITY, B.A. 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 (4 courses)

- Literature (Select one)
- EN 110, EN 112, EN 115
- Mathematics
- MA 111: Probability & Statistics
- Natural Science (Select one)
- BI 209, 210, 211, 242, CH 209, PH 209
- 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 (200/300 level TH)
- TH _____
- Values Seminar (See Master Schedule of Day Classes)
- _____

MAJOR

(16 courses)

- PO 103: American Federal Government
- CJ 100: Cybercrime
- CJ 109: Crime and Society
- CJ 160: Criminal Law
- CJ 260: Law Enforcement
- CJ 350: Research Methods
- CJ/HS 150: Intro to Homeland Security
- CJ/HS 155: Intro to Emergency Management
- CJ/HS 374: Terrorism and Counterterrorism
- CJ/HS 380: Intelligence and Security
- HS 275: Topics in Homeland Security
- HS 385: Critical Infrastructure Protection
- HS 410: Disaster Preparedness and Response
- CJ/HS 453: Senior Seminar

Choose any two of the following courses: HS 400 or any HS course; CJ 270, 352; PS 109, PS 300; PO 255, 313, 330.

- _____
- _____

Data Analytics/Applied AI Concentration

(7 courses: *One of which are satisfied by another requirement)

- CJ 350: Research Methods
- CS 260: Database & Data Visualization
- MG 212: Data Analysis
- MG 226: Intro to Data Analytics & AI
- MI 353: Statistical Analysis & Predictive Molding
- MI 462: Applied AI Platforms & Projects

*MA 111: Probability & Statistics (Satisfied by MOT)

ELECTIVES

(As needed to complete 40-course req.)

- _____
- _____
- _____
- _____

A. Koefer, Director of Acad. Resource Center
Effective spring, 2020

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: HOMELAND SECURITY (B. A.) with Data Analytics
Applied AI Concentration

FALL SEMESTER

SPRING SEMESTER

FIRST YEAR

Intro to Homeland Security (CJ/HS 150)
American Federal Government (PO 103)
Foreign Language/World Cultures
Composition and Rhetoric I (EN 103)
Probability & Statistics (MA 111)
Lifetime Fitness and Wellness (PE 100)

... or ...

Intro to Emerg. Management (CJ/HS 155)
Crime and Society (CJ 109)
Foreign Language/World Cultures
Composition and Rhetoric II (EN 104)
Philosophy MOT (PL 109)
Physical Education (Activity)

SECOND YEAR

Cybercrime (CJ 100)
Criminal Law (CJ 160)
Law Enforcement (CJ 260)
Humanities 1
Catholic Theology (TH 109)
Physical Education (Activity)

... or ...

Terrorism & Counterterrorism (CJ/HS 374)
Free Elective
Intermediate Theology (200-300)
Humanities 2
Natural Science (MOT)

THIRD YEAR

Intelligence & Security (CJ/HS 380)
Literature (MOT)
Humanities 3
Introduction to Data Analytics and AI (MG 226)
Free Elective

... or ...

... or ...

Topics in Homeland Security (HS 275)
Controlled Elective *
Humanities 4
Data Analytics (MG 212)
Research Methods (CJ 350)

FOURTH YEAR

Senior Seminar (CJ/HS 453)
Disaster Preparedness & Response (HS 410)
Databases & Data Visualization (CS 260)
Statistical Analysis & Predictive Modeling (MI 353)
Controlled Elective*

... or ...

Critical Infrastructure Protection (HS 385)
Applied AI Platforms & Projects (MI 462)
Free Elective
Free Elective
Values Seminar

* Controlled Electives (*choose two*): **HS** 400 or any **HS** course; **CJ** 270, 352; **PS** 109, PS 300; **PO** 255, 313, 330.

MOT = Modes of Thought

A. Koefer, Director of the Academic Resource Center
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