

**FLORIDA ATLANTIC UNIVERSITY – INTELLECTUAL FOUNDATION PROGRAM 2023 – 2024**

*All courses are three (3) credits unless otherwise indicated. Course selections should be made in consultation with an academic advisor.*

**Pre-Business (2023-2024) Data Science and Analytics Program with Business Concentration (BS)**

**FOUNDATIONS OF WRITTEN COMMUNICATION**

(6 credit hours required – Writing Across the Curriculum - WAC)  
Grade of “C” or higher is required in each course.

- \_\_\_ ENC 1101.....College Writing I **(Required for all majors)**
- \_\_\_ ENC 1102.....College Writing II +

**THE FOLLOWING COURSES BELOW MAY BE SUBSTITUTED FOR ENC 1102:**

- \_\_\_ ENC 1939 +.....Special Topic: College Writing
- \_\_\_ HIS 2050 + .....Writing History

**Note:** Students must take four Writing-Across-the-Curriculum (WAC) courses, two of which must be taken from Foundations of Written Communication.

**FOUNDATIONS OF MATHEMATICS & QUANTITATIVE REASONING**

(6 credit hours required – Grade of “C” or higher is required)  
Student must take 2 of the following courses, 1 must be from group A.  
The second course may be from group A or group B.

**Group A**

- \_\_\_ MGF 1106 ..... Math for Liberal Arts 1
- \_\_\_ MGF 1107 ..... Math for Liberal Arts 2
- \_\_\_ MAC 1105 ..... College Algebra
- \_\_\_ STA 2023 ..... Introductory Statistics **(REQUIRED)**
- \_\_\_ MAC 2311 ..... Calculus with Analytic Geometry 1 (4 credits)  
*or any mathematics course for which one of the above courses is the direct prerequisite*

**Group B**

- \_\_\_ MAC 1147 .....Precalculus Algebra & Trigonometry (4 credits)
- \_\_\_ MAC 2210 ..... Intro Calculus w/Applications (4 credits) **(Permit Only)**
- \_\_\_ MAC 2233 ..... Methods of Calculus
- \_\_\_ MAC 2241 ..... Life Science Calculus 1 (4 credits)
- \_\_\_ MAC 2312 ..... Calculus with Analytic Geometry 2 (4 credits)

(Choose one MAC or MGF course in addition to STA 2023)

**FOUNDATIONS OF SCIENCE & THE NATURAL WORLD**

(6 credit hours required - **One of the courses must have a lab**)  
Student must take 2 of the following courses, 1 must be from group A.  
The second course may be from group A or group B.

**Group A**

- \_\_\_ AST 2002.....Intro. to Astronomy
- \_\_\_ BSC 1005 & L..... Life Science (3 cr. w/Lab)
- \_\_\_ CHM 1020C..... Contemp. Chemical Issues
- \_\_\_ ESC 2000 ..... The Blue Planet **(online course)**
- \_\_\_ EVR 1001..... Env. Sci. and Sustainability

**Group B**

- \_\_\_ ANT 2511 & L ..... Intro to Biological Anthropology (4 cr. w/ Lab)
- \_\_\_ ETG 2831..... Nature: Inter. of Sci., Eng., & the Humanities
- \_\_\_ GLY 2010C & D..... Physical Geology (4 cr. w/Lab)
- \_\_\_ GLY 2100..... History of Earth and Life
- \_\_\_ IDS 2382..... Human Mission to Mars
- \_\_\_ MET 2010..... Weather, Climate and Climate Change
- \_\_\_ PSC 2121 ..... Physical Science

**FOUNDATIONS OF SOCIETY & HUMAN BEHAVIOR**

(6 credit hours required)  
Student must take 2 of the following courses, 1 must be from group A.  
The second course may be from group A or group B. Grade of “C” or higher is required in ALL Pre-business courses.

**Group A**

- \_\_\_ AMH 2020 & D .....United States History Since 1877 **♦**
- \_\_\_ ANT 2000 & D.....Introduction to Anthropology **(WAC)**
- \_\_\_ ECO 2013.....Macroeconomic Principles
- \_\_\_ POS 2041.....Government of the United States **♦**
- \_\_\_ PSY 1012 .....Introduction to Psychology
- \_\_\_ SYG 1000 .....Sociological Perspectives

**Group B**

- \_\_\_ AMH 2010 & D .....United States History to 1877
- \_\_\_ CCJ 2002.....Law, Crime & the Criminal Justice System **±**
- \_\_\_ DIG 2202 ..... Digital Culture
- \_\_\_ ECO 2023.....Microeconomic Principles
- \_\_\_ ECP 2002 .....Contemporary Economic Issues
- \_\_\_ EEX 2091 ..... Disability and Society
- \_\_\_ EVR 1110 .....Climate Change: The Human Dimensions
- \_\_\_ EVR 2017 .....Environment and Society
- \_\_\_ LIN 2001 .....Introduction to Language **(online course)**
- \_\_\_ PAD 2081 .....Risk Resilience and Rising Seas **±**
- \_\_\_ PAD 2258 .....Changing Environment of Soc., Bus., & Gov’t
- \_\_\_ SYG 2010 .....Social Problems
- \_\_\_ URP 2051 .....Designing the City

**(D) = Discussion, (L) = Lab**

Courses indicating a (D) or (L) are linked with a lecture, a lab, and/or a discussion. If you select one of these courses, you must register for the lecture, lab, and/or discussion. You **must** attend the lecture, lab, and/or discussion.

**FOUNDATIONS IN GLOBAL CITIZENSHIP**

(6 credit hours required)

Student must choose two (2) courses from among the following:

- \_\_\_ ANT 2410 ..... Culture and Society
- \_\_\_ EDF 2854 ..... Educated Citizen in Global Context
- \_\_\_ GEA 2000 ..... World Geography
- \_\_\_ INR 2002 ..... Introduction to World Politics
- \_\_\_ JST 2452 ..... Global Jewish Communities  $\Omega$
- \_\_\_ LAS 2000 ..... Intro to Caribbean & Latin American Studies
- \_\_\_ LIN 2607 ..... Global Perspectives on Language
- \_\_\_ MUH 2121 ..... Music in Global Society  $\Omega$
- \_\_\_ POT 2000 ..... Global Political Theory
- \_\_\_ SYP 2450 ..... Global Society
- \_\_\_ SOW 1005 ..... Global Perspectives of Social Services
- \_\_\_ SOW 1130 ..... Race and Cultural Inclusion in Social Work
- \_\_\_ WOH 2012 & D ..... History of Civilization 1 **(WAC) ++**
- \_\_\_ WOH 2022 ..... History of Civilization 2
- \_\_\_ WST 2351 ..... Gender and Climate Change

**WRITING ACROSS THE CURRICULUM (WAC)**

Students must take four (4) WAC courses. Must earn a "C" or better.

**Required:** ENC1101 & ENC1102 or allowable substitute.**Recommend:** One (1) WAC from the Global Citizenship Category or one (1) WAC from the Humanities Category. **(See note below) \*\****Additional WAC courses may be available. Please speak with your advisor.***FOUNDATIONS OF HUMANITIES**

(6 credit hours required)

Student must take 2 of the following courses, 1 must be from group A. The second course may be from group A or group B.

**Group A**

- \_\_\_ ARH 2000 ..... Art Appreciation
- \_\_\_ MUL 2010 ..... Music Appreciation
- \_\_\_ PHI 2010 & D ..... Introduction to Philosophy **(WAC) ++**
- \_\_\_ THE 2000 ..... Theatre Appreciation

**Group B**

- \_\_\_ ARC 2208 ..... Culture & Architecture
- \_\_\_ DAN 2100 ..... Appreciation of Dance
- \_\_\_ FIL 2000 & D ..... Film Appreciation
- \_\_\_ HUM 2471 ..... Racism and Anti-Racism  $\pm$
- \_\_\_ LIT 2010 ..... Interpretation of Fiction **(WAC) ++**
- \_\_\_ LIT 2030 ..... Interpretation of Poetry **(WAC) ++**
- \_\_\_ LIT 2040 ..... Interpretation of Drama **(WAC) ++**
- \_\_\_ LIT 2070 ..... Interpretation of Creative Nonfiction **(WAC) ++**
- \_\_\_ LIT 2100 ..... Introduction to World Literature
- \_\_\_ LIT 2931 ..... Special Topics in Literature **(WAC) ++  $\Omega$**
- \_\_\_ SPC 2608 ..... Public Speaking  $\pm$

**NOTE:** Honors Seminars SHALL BE ACCEPTED AS MEETING THE WAC REQUIREMENT. See University Advising Services for details.**Credit Summary**

**36 Credits** Intellectual Foundations Program  
**24 Credits** Free Electives  
**12 Credits** Additional Major Requirements ("C" GRADE OR BETTER REQUIRED)

- \_\_\_ CAP2751 Tools for Data Science **Only offered in Fall**
- \_\_\_ MAP 2192 Math for Data Science **Offered in Fall and Spring**
- \_\_\_ CAP 2753 Experimental Design and Data Analysis **Only offered in Spring**

**48 Credits** Upper-Division Coursework**120 Credits** TOTAL**NOTE:** See the catalog for specific requirements, course descriptions, and additional information. The requirements for some core curriculum & other courses may be satisfied by passing the appropriate AP or CLEP exam -- check with your advisor and college. Students who come with less than 60 credit hours **must complete 9 credit hours of summer coursework either at FAU or another State University System Institution.****Available Business Majors**

- Accounting
- Data Science and Analytics
- Economics (Option in Business Economics or General Economics)
- Finance
- Health Administration
- Hospitality Management
- International Business
- General Business
- Management (Options in Leadership or Entrepreneurship)
- Management Information Systems (Options in Information Technology, or Information and Knowledge Management)
- Marketing (Options in General Marketing or Advertising)

**Legend**

- +** - ENC 1101 is a prerequisite.
- ++** - Two Foundations of Written Communications classes are required before taking this course.
- §** - Sophomore standing (30 credits earned) is a requirement to take this course.
- $\pm$**  - Starting Spring 2022 and afterwards.
- $\Omega$**  - Starting Spring 2023
- $\diamond$**  - Florida Legislature requires students to complete **both** a civic literacy course (AMH 2020 or POS 2041) and an assessment exam.
- WAC** - (WAC) Writing across the curriculum course.