

FUNCTIONAL DATA ANALYTICS, B.S.

Begin Campus: Any Penn State Campus

End Campus: Erie, World Campus

Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2024-25 academic year. To access previous years' suggested academic plans, please visit the archive (<https://bulletins.psu.edu/undergraduate/archive/>) to view the appropriate Undergraduate Bulletin edition.

Functional Data Analytics, B.S. at Erie Campus

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

Fall	Credits Spring	Credits
ENGL 15 or 30H (GWS) ^{*††}	3 CAS 100 (GWS) ^{*††}	3
MATH 110 or 140 (GQ) ^{*†††}	4 DA 101 (GQ) ^{*†††}	3
General Education Course (GA)	3 PHIL 103 (GH) ^{*†}	3
General Education Course (GN)	3 STAT 184 [*]	2
General Education Course (GHW)	1.5 General Education Course (GN/Inter-Domain)	3
	14.5	14

Second Year

Fall	Credits Spring	Credits
CMPSC 121 or 131 ^{*#}	3 DA 201W [*]	4
IST 230 [*]	3 ENGL 202C (GWS) ^{*††}	3
PSYCH 200, SCM 200, STAT 200, or STAT 250 (GQ) ^{*#}	4 MIS 336 or IST 210 [*]	3
Concentration Course 1	3 Concentration Course 2	3
General Education Course (GHW)	1.5 General Education Course (GS)	3
	14.5	16

Third Year

Fall	Credits Spring	Credits
DA 301 [*]	3 DA 302W [*]	4
DA 305 [*]	3 DA 402 [*]	3
MGMT 409 [*]	3 DIGIT 410 [*]	3
MIS 447 [*]	3 MIS 415 [*]	3
Concentration Course 3	3 Concentration Course 4	3
	15	16

Fourth Year

Fall	Credits Spring	Credits
DA 401W [*]	4 DA 476 ^{*2}	3

DA 475 ^{*1}	3 DIGIT 430 [*]	3
Approved Elective	3 Approved Elective	3
General Education Course (GA/GH/GN/GS/Inter-Domain)	3 General Education Course (Inter-Domain)	3
General Education Course (Inter-Domain)	3 General Education Course (GA/GH/GN/GS/Inter-Domain)	3
	16	15

Total Credits 121

* Course requires a grade of C or better for the major

‡ Course requires a grade of C or better for General Education

Course is an Entrance to Major requirement

† Course satisfies General Education and degree requirement

¹ Course is fall only offering

² Course is spring only offering

³ All students are required to fulfill 45 credits of General Education courses. More information about this requirement can be found on the Baccalaureate Degree General Education Requirements page in the Bulletin (<https://bulletins.psu.edu/undergraduate/general-education/baccalaureate-degree-general-education-program/>).

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.