

4 YEAR FLIGHT PLAN
BA or BS in Biological and Physical Sciences Honors
(major is awaiting BOG approval)
Concentration in Data Analytics

FAU is committed to your success as a student. One way we define student success is efficient and effective progression through your degree program.

This Flight Plan is a tool to assist you in planning the courses you should complete and the milestones you should reach during your undergraduate studies so you may graduate on time. It is our intention that you complete this planning tool in *collaboration with your academic advisor* to ensure good understanding of:

- Which graduation requirements you have satisfied
- Which Honors College Core and elective courses will best help you explore your interests and future goals or develop new interests
- How to balance coursework with your other responsibilities and activities (e.g., employment, mentored research, study abroad, student organizations)
- How to get the most from your academic experience at FAU

Your academic advisor will help you customize and maintain your final Flight Plan during the next four years so that you stay on track for success at FAU's Honors College. In order to graduate on time, you will need to:

- Complete an average of 30 credit hours per year, less any college credit you enter FAU with
- Earn 120 credit hours, at least 45 in the upper division (3000 or 4000 level)
- Earn at least 9 credit hours in summer coursework (or equivalent)

The Honors College provides individual advising from faculty and so this Flight Plan is meant only to be a general guide. The Faculty advisor is assigned initially during Orientation but students are free to change their faculty advisor by completing a change of advisor form, [available online](#). Students should not feel bound by this generic plan if they and their faculty advisor have developed a different plan that better suits their particular needs. Your advisor will help you identify what additional milestones apply to you, as well as help prepare you for a graduate program if that is your goal. In addition, students should use MyFAU to run a DARS audit of their coursework to confirm what requirements they still need to meet. If you have any questions at all about your FAU Flight Plan, feel free to contact any of the following individuals for assistance. They are here to help!

Your Academic Advising Professionals

<i>Faculty Advisor</i>	
Office Location:	
Email Address/Phone:	
<i>Academic Support Services</i>	Mr. David Flanigan
Office Location:	HC 132
Email Address/Phone:	flanigan@fau.edu/799-8622
<i>Associate Dean</i>	
Office Location:	
HC 133	
Email Address/Phone:	tunick@fau.edu/799-8670
Additional Info:	http://www.fau.edu/honors/academics.php

This unofficial guide is to be used in conjunction with regular academic advising appointments. Not all University and State degree requirements are listed. For a full degree audit, see the Director of Academic Support Services in HC 132.

**Flight Plan: BA or BS in Biological and Physical Sciences Honors
(major is awaiting BOG approval)
with a Concentration in Data Analytics**

IMPORTANT NOTES

1. Honors College students are required to maintain an FAU cumulative GPA of at least **3.0** to remain eligible for their Honors College scholarships. You must maintain a minimum **2.0** GPA each semester to be in good academic standing.
2. To receive your Honors College scholarship you must be full-time (**minimum 12 credits/semester**) in the Honors College. You should have your advisor's prior approval when taking courses outside the Honors College.
3. Students with an out-of-state tuition waiver must maintain a **3.3** FAU Cumulative GPA to retain the waiver.

Abbreviated 4-year flight-plan

Year One:	
Fall	
IDS 1022 Forum	1
BSC 1005/L H Life Sciences/Lab (NS A)	3
MAC 1147 H Precalculus Alg and Trig (MATH)	4
POS 1041 H Govt of US (SBA A, CIVIC LITERACY)	3
PHI 2010 H Intro to Philosophy (HUM A)	3
Spring	
AMH 2010 (H US History Since 1877) (SBA B)	3
ENC 1101 H College Writing (WAC)	3
COP 2000 H Foundations of Programming	3
CHM 1020C H Cont Chemical Issues (NS A)	3
MAC 2311 H Calculus I (MATH)	4
	30
Summer	
STA 2023 H Intro Statistics (MATH)	3
Year Two:	
Fall	
ANT 2410 H Culture and Society (GC:EGV)	3
MAC 2312 H Calculus 2 (recommended)	4
COP 3073 H Intro to Data Science	3
MAD 2104 H Discrete Math	3
COP 3014 Foundations of Computer Science (Boca/online)	3
Spring	
EVR 2017 H Environment and Society (GC:Envt)	3
SPN 1120 H Spanish 1	4
AML 2010 H American Lit to 1865 (HUM B)(WAC)	3
PHI 3100 H Ancient Greek Philosophy (Dist Elect:Hum)	3
	29
Summer	
COP 3530 Data Structures & Algorithm Analysis (Boca/online)	3

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Year Three:	
Fall	
COP 3540 Intro to Database Structures (Boca/online)	3
CAP 4770 Intro to Data Mining and Machine Intelligence (Boca)	3
IDS 3932 Team Taught	3
SPN 1121 H Spanish 2	4
Spring	
CEN 4400 Intro to Computer Systems Perf Evaluation	3
IDS 3932 Team Taught	1
STA 4821 Stochastic Models for CS (recommended)(Boca/online)	3
WST 3015 H Intro to Women's Studies (Dist Elect:SS)	3
Free Elective/Minor	3
	26
Summer	
IDS 4947 H Internship	3
Year 4	
Fall	
CAP 4613 Intro to Deep Learning (Boca)	3
Thesis (WAC)	3
IDS 3932 Team-taught	1
CAP 4630 Intro to Artificial Intelligence (Boca)	3
POS 4603 H Constitutional Law (other humanities/ss)	3
Spring	
Thesis (WAC)	3
Free Elective/Minor	3
IDH 3720 H Law in the Real World	1
Free Elective/Minor	3
Free Elective/Minor	3
	26
Total Summer credits	10
Total credits	120

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More Information

Honors College Academic Information

<http://www.fau.edu/honors/academics.php>

Student Policies, Services, and Resources (Handbook):

<http://www.fau.edu/handbook/>

Registration, Transcripts, Forms, Student Records:

<http://www.fau.edu/registrar/>

Academic Support (Center for Teaching and Learning, Writing Center, Undergraduate Research):

<http://www.fau.edu/ctl/>

Student Financial Aid, Other Financial Services:

<http://www.fau.edu/finaid/>

Students with Disabilities:

<http://osd.fau.edu/>

Student Life (Housing, Events & Organizations, Wellness, Counseling, Leadership, Military Affairs, etc.):

<http://www.fau.edu/student/SADepts.php>

Career Development Center:

<https://www.fau.edu/cdc/students/undergraduate/student.php>

Tips for Success

- Meet with your faculty advisor at least once a semester.
- Monitor your progress in your courses; “check-in” with your instructors regularly!
- Check your degree audit every semester.
- Stay aware of important deadlines.
- Take advantage of resources FAU and the Honors College has made available to you to help you succeed on your flight, such as tutoring, office hour visits, and the writing center.

Last updated 2/1/2019

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