

## 4 YEAR FLIGHT PLAN TEMPLATE: BS in Biological Sciences

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 an academic advisor* to ensure good understanding of:

- Which graduation requirements you have satisfied
- Which Intellectual Foundations and elective courses match your career plans
- How to balance coursework with your other responsibilities (e.g., employment) and optional activities (e.g., mentored research, study abroad, student organizations, leadership)
- How to get the most from your academic experience at FAU

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

- Complete an average of 30 credit hours per year
- 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)
- Complete the Intellectual Foundations Program courses, including the foreign language requirement, and
- Complete the degree requirements of your major

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Your advisor will help you identify what additional milestones apply to you, as well as how you may even graduate early or enter an accelerated graduate program. 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>University Advising Services</i>	
Office Location:	Student Support Services building (SU80), Room 201
Email Address, Phone Number:	<a href="mailto:advisingservices@fau.edu">advisingservices@fau.edu</a> , 561-297-3064
Additional Information:	<a href="http://www.fau.edu/uas">www.fau.edu/uas</a>
<i>College/Program Advisor</i>	
Office Location:	SE308
Email Address, Phone Number:	561-297-3700
Additional Information:	<a href="http://www.science.fau.edu/student_services/">http://www.science.fau.edu/student_services/</a>
<i>Academic Program Information</i>	
	<b>DR. DAVID BINNINGER, ASSOCIATE CHAIR</b>
Office Location:	SC210
Email Address, Phone Number:	<a href="mailto:binninge@fau.edu">binninge@fau.edu</a> , 561-297-3323
Additional Program Information:	<a href="http://www.science.fau.edu/biology/">http://www.science.fau.edu/biology/</a>
Career/Professional Development	<a href="http://www.fau.edu/cdc/students/majors/biologicalsciences.php">http://www.fau.edu/cdc/students/majors/biologicalsciences.php</a>

### **Flight Plan: BS in Biological Science**

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Student Name:	Z:
Program:	Date:
Advisor:	Contact:

**YEAR 1**

**Semester 1 :** ( ) Summer ( X ) Fall ( ) Spring

Courses and Credit Hours		Milestones	Advising Tips
BSC 1011/L Biodiversity	4	1 <sup>st</sup> Semester: Complete ENC1101, MAC1105, BSC1011/L with C or better.  Student should maintain GPA of 2.0 or higher for good-standing (ideally 3.0 or better to be competitive for professional schools)	<ol style="list-style-type: none"> <li>Complete Major KnOWLedge</li> <li>Set up a profile in CareerLink Portal</li> <li>Have initial advising appointment with advisor.</li> <li>Utilize DARS / print and read audit.</li> <li>Visit tutoring resources on campus.</li> <li>Attempt to CLEP foreign language</li> </ol>
ENC1101 English Composition 1	3		
MAC1105 College Algebra (Gordon Rule Math – WAC)	3		
PSY 1012 General Psychology	3		
<b>Total</b>	<b>13</b>		

Balance/Other Commitments & Activities:

IFP = Foundations of Society and Human Behavior, 2 courses from two different departments  
 Foundations of Global Citizenship, 2 courses from two different departments, one must be from Global Perspectives  
 Creative Expression, 2 courses from two different departments  
 Composition, Math and Science requirements completed in major

**Semester 2 :** ( ) Summer ( ) Fall ( X ) Spring

Courses and Credit Hours		Milestones	Advising Tips
ENC1102 English Composition 2	3	Maintain good academic standing. BSC1010/L with C or better.  Meet with an advisor to remove Freshmen Advising Hold.  Has completed 6 credits of Math/6 credits of English.	<ol style="list-style-type: none"> <li>Develop Individual Learning Plan for career development.</li> <li>Attend Carnival of Majors Fair.</li> <li>Confirm/declare your major.</li> <li>Meet with your academic advisor.</li> <li>Formalize your academic major</li> </ol>
MAC2233 Methods of Calculus (Gordon Rule Math – WAC)	3		
BSC1010/L Biological Principles	4		
CHM2045/L Gen Chemistry 1	4		
<b>Total</b>	<b>14</b>		

Balance/Other Commitments & Activities:

All students are required to take 9 credits in the summer. Summers can be used to catch up if you have not earned 30 hours per semester, failed a course and need to repeat it or to accelerate your graduation date. Attend in Summer if your GPA at end of spring is < 2.0

**Semester 3 :** ( X ) Summer ( ) Fall ( ) Spring

Courses and Credit Hours		Milestones	Advising Tips
<b>Total</b>			

Balance/Other Commitments & Activities:

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YEAR 2			
Semester <u>4</u> : ( ) Summer ( X ) Fall ( ) Spring			
Courses and Credit Hours		Milestones	Advising Tips
CHM2046/L General Chemistry 2	4	Complete CHM2046/L with a grade of C or higher.  Maintain good academic standing.	<ol style="list-style-type: none"> <li>1. Aim for overall GPA of 2.9 or higher.</li> <li>2. Join a professional organization / club.</li> <li>3. Investigate research/internship possibilities.</li> </ol>
Foreign language 1 (if needed)	4		
STA3173 Introductory Biostatistics or PSY3234 Exp. Design/Statistics	3		
IFP – WAC (Writing Across the Curriculum)	3		
<b>Total</b>	14		
Balance/Other Commitments & Activities:			
Semester <u>5</u> : ( ) Summer ( ) Fall ( X ) Spring			
Courses and Credit Hours		Milestones	Advising Tips
CHM2210 Organic Chemistry 1	3	Complete CHM2210 with grade of C or better.  Maintain good academic standing.	<ol style="list-style-type: none"> <li>1. Complete attendance in PROJECT GRADUATION sessions.</li> <li>2. Formalize if you are completing 2<sup>nd</sup> major/minor/ certificate.</li> <li>3. Participate in at least two on campus programs or events.</li> <li>4. Finalize research/internship opportunities</li> <li>5. Attend Pre-Health Professions Fair or FAU Job Fair or Graduate School Fair.</li> </ol>
Foreign language 2	4		
IFP – WAC (Writing Across the Curriculum)	3		
Upper division biology elective	3		
<b>Total</b>	13	At this point, the student will have completed all 12 credits of Gordon Rule writing (Writing Across the Curriculum), in addition to the 6 math WAC credits completed during Year 1.	
Balance/Other Commitments & Activities:			
Semester <u>6</u> : ( X ) Summer ( ) Fall ( ) Spring			
Courses and Credit Hours		Milestones	Advising Tips
CHM2211 Organic Chemistry 2	3		
IFP	3		
<b>Total</b>	6		
Balance/Other Commitments & Activities:			

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YEAR 3		
Semester <u>7</u> : ( ) Summer ( X ) Fall ( ) Spring		
Courses and Credit Hours	Milestones	Advising Tips
Upper division Biology elective	Aim to maintain GPA at 3.0 or higher from this term to graduation. If your GPA is less than a 2.5, we recommend pursuing the BA in Biological Science.  Maintain good academic standing.	<ol style="list-style-type: none"> <li>1. Begin planning for professional career /employment /graduate school.</li> <li>2. Plan for taking admissions tests.</li> <li>3. Have met with your faculty mentor/college advisor.</li> </ol>
PHY2053/L College Physics 1		
IFP – Society		
Choose 1 of: PCB3063 Genetics; PCB4043 Ecology; PCB4724 Evolution; PCB4023 Molecular/Cell		
<b>Total</b>		
Balance/Other Commitments & Activities:		
Semester <u>8</u> : ( ) Summer ( ) Fall ( X ) Spring		
Courses and Credit Hours	Milestones	Advising Tips
Upper division general elective	Maintain good academic standing.	1. You might consider a summer course to lighten senior year load.
Choose 1 of: PCB3063 Genetics; PCB4043 Ecology; PCB4724 Evolution; PCB4023 Molecular/Cell		
PHY2054/L College Physics 2		
IFP		
<b>Total</b>		
Balance/Other Commitments & Activities:		
Semester <u>9</u> : ( X ) Summer ( ) Fall ( ) Spring		
Courses and Credit Hours	Milestones	Advising Tips
Upper division Biology elective		
Upper division elective		
<b>Total</b>		
Balance/Other Commitments & Activities:		

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YEAR 4			
Semester <u>10</u> : ( ) Summer ( X ) Fall ( ) Spring			
Courses and Credit Hours		Milestones	Advising Tips
Choose 1 of: PCB3063 Genetics; PCB4043 Ecology; PCB4724 Evolution; PCB4023 Molecular/Cell	3	Maintain good academic standing.	1. Attend Career Development interview and other professional development workshops. 2. Conduct pre-graduation check with advisor. 3. Meet with Career Development Center to prepare a resume.
Upper division biology electives	6		
Upper division general elective	3		
General elective	2		
<b>Total</b>	<b>14</b>		
Balance/Other Commitments & Activities:			
Semester <u>11</u> : ( ) Summer ( ) Fall ( X ) Spring			
Courses and Credit Hours		Milestones	Advising Tips
Upper division biology elective	6	Maintain good academic standing.	1. Apply for graduation in the first 2 weeks of the semester. 2. Attend FAU Job Fair if looking for employment.
Upper division elective	3		
General electives (minimum of)	3		
<b>Total</b>	<b>12</b>		
Balance/Other Commitments & Activities:			
Semester <u>12</u> : ( X ) Summer ( ) Fall ( ) Spring			
Courses and Credit Hours		Milestones	Advising Tips
<b>Total</b>			
Balance/Other Commitments & Activities:			

You and your advisor will customize your Flight Plan and update it as necessary as you progress through your program.

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## More Information: BS in Biological Science

**Some students may be required to maintain a GPA of 2.75 or higher** to remain eligible for scholarships or to be stronger candidates for admission to internships, graduate programs, and professional schools. Please confirm your required GPA with your academic advisor.

**Academic Program Requirements and Career/Professional Development Information:**

<http://www.science.fau.edu/biology/undergraduate/undergraduate.html>

<http://fau.edu/cdc/students/majors/biologicalsciences.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, Tutoring, 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>

### Tips For Success

- Meet with your 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 has made available to you to help you succeed on your flight.

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