

## **4 YEAR FLIGHT PLAN FOR PRE-HEALTH PROFESSIONS**

### **BS Biological Science**

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

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>	LATARSHA MORGAN (pre-professional freshmen/sophomores)
Office Location:	SE308
Email Address, Phone Number:	Latarsha Morgan <lmorga16@fau.edu>, 561-297-3064
Additional Information:	<a href="http://www.fau.edu/uas/">http://www.fau.edu/uas/</a>
<i>College/Program Advisors</i>	LATARSHA MORGAN, DEMARUS JOHNSON, SHARI GOLDSTEIN
Office Location:	SE308
Email Address, Phone Number:	<a href="mailto:lmorga16@fau.edu">lmorga16@fau.edu</a> ; <a href="mailto:djohnson@fau.edu">djohnson@fau.edu</a> ; <a href="mailto:sgoldste@fau.edu">sgoldste@fau.edu</a> 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>	SHARI GOLDSTEIN, Assoc. Dir. Pre-Health Professions Program
Office Location:	SE308
Email Address, Phone Number:	<a href="mailto:sgoldste@fau.edu">sgoldste@fau.edu</a> 561-297-0064
Additional Program Information:	<a href="http://www.science.fau.edu/biology/undergraduate/neuroscience.htm">http://www.science.fau.edu/biology/undergraduate/neuroscience.htm</a> <a href="http://www.science.fau.edu/student_services/preprof.html">http://www.science.fau.edu/student_services/preprof.html</a>
Career/Professional Development	<a href="http://www.fau.edu/cdc/students/majors/index.php">http://www.fau.edu/cdc/students/majors/index.php</a>

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

### Flight Plan: Pre-Health Professions (BS in Biological Science)

**NOTE: Students should maintain a GPA of 3.0 or higher** to be stronger candidates for admission to health professional schools. For example, average GPA for admission to allopathic medical school is 3.7. Please confirm your required GPA with your academic advisor.

#### YEAR 1

Semester \_\_\_: ( ) Summer ( X ) Fall ( ) Spring

Courses and Credit Hours		Milestones	Advising Tips
BSC1011/L Biodiversity	4	Complete ENC1101, MAC1105, BSC1011 with B or better.	1. Complete Major KnOWLedge 2. Set up a profile in CareerLink Portal 3. Aim for an overall GPA of 3.2 or higher. 4. Have initial advising appointment with the pre-health freshman advisor. 5. Utilize DARS / print and read audit.
ENC1101 English Composition 1	3		
MAC1105 College Algebra	3		
PSY1012 General Psychology	3		
<b>Total</b>	<b>13</b>		

Balance/Other Commitments & Activities:

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

Semester \_\_\_: ( ) Summer ( ) Fall ( X ) Spring

Courses and Credit Hours		Milestones	Advising Tips
BSC1010/L Biological Principles	4	Complete ENC1102, MAC2233, BSC1010, CHM2045 with B or better.	1. Formalize major choice. 2. Overall GPA of 3.3 or higher. 3. Submit an application to SMDEP (Summer Medical/Dental Education Program) or other summer program for Summer enrichment
ENC1102 English Composition 2	3		
MAC2233 Methods of Calculus	3		
CHM 2045/L General 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.

Semester \_\_\_: ( X ) Summer ( ) Fall ( ) Spring

Courses and Credit Hours		Milestones	Advising Tips
			1. Participate in a SMDEP program OR 2. Get some shadowing/volunteer work.
<b>Total</b>			

Balance/Other Commitments & Activities:

BY THE END OF THE FRESHMAN YEAR:
Put yourself on a program of regularly reading high-level material (literature/nonfiction).
Attend Pre-Med Workshop
“Like” the Pre-Health Office on FACEBOOK
Review medical/dental/veterinary school admissions requirements
Investigate pre-health clubs
Attend SMDEP if you are accepted.

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Program:	Date:
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YEAR 2			
Semester ___ : ( ) Summer ( X ) Fall ( ) Spring			
Courses and Credit Hours		Milestones	Advising Tips
CHM2046/L General Chemistry 2	4	Complete CHM2046 with B or better.	<ol style="list-style-type: none"> <li>1. Aim for an overall GPA of 3.4 or higher.</li> <li>2. Join professional organization / club.</li> <li>3. Investigate research / internship opportunities.</li> <li>4. Begin shadowing/volunteer work until you begin medical /dental / veterinary school.</li> </ol>
Foreign language 1 if needed	4		
PSY 3234 Exp. Design & Stat.	3		
IFP – WAC	3		
IDS 3122 Premed Success	2		
<b>Total</b>	16		
Balance/Other Commitments & Activities:			
Semester ___ : ( ) Summer ( ) Fall ( X ) Spring			
Courses and Credit Hours		Milestones	Advising Tips
CHM2210 Organic Chemistry 1	3	Complete CHM2210 with grade of B or better.	<ol style="list-style-type: none"> <li>1. Aim for an overall GPA 3.5 or higher. WAC, math complete.</li> <li>2. Complete attendance in PROJECT GRADUATION sessions.</li> <li>3. Formalize if you are completing a 2<sup>nd</sup> major/minor / certificate.</li> <li>4. Participate in at least two on campus programs or events.</li> <li>5. Finalize research / internship opportunities.</li> </ol>
Foreign language 2	4		
Upper division Biology elective	3		
IFP – WAC	3		
IDS 3125 Basic Clinical Skills	2		
<b>Total</b>	15		
Balance/Other Commitments & Activities:			
Semester ___ : ( X ) Summer ( ) Fall ( ) Spring			
Courses and Credit Hours		Milestones	Advising Tips
CHM2211 Organic Chemistry 2	3		
Organic Chemistry Lab	2		
<b>Total</b>	5		
Balance/Other Commitments & Activities:			

BY THE END OF THE SOPHOMORE YEAR:
Complete IDS 3122, 3125 (for Pre-Health Certificate Program)
Volunteer or shadow a physician.
Attend Pre-Health Professions Day in March.
Make an effort to get to know one professor well.

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YEAR 3			
Semester ___: ( ) Summer ( X ) Fall ( ) Spring			
Courses and Credit Hours		Milestones	Advising Tips
BSC 3033 Biochemistry	3	Complete BCH3033, PHY2053, PSY3213, PCB3063 with grades of B or higher.	<ol style="list-style-type: none"> <li>1. Aim to maintain GPA at 3.6 or higher from this term to graduation.</li> <li>2. Begin planning for the professional school application process – what schools are you going to apply to?.</li> <li>3. Have met with your faculty mentor / college advisor.</li> </ol>
PHY2053/L College Physics 1 and Lab	5		
PCB3063 Genetics	4		
IDS 3940 Med. Shadow. Internship	1		
SYG 1000 Sociological Perspectives	3		
<b>Total</b>	<b>16</b>		
Balance/Other Commitments & Activities:			
Semester ___: ( ) Summer ( ) Fall ( X ) Spring			
Courses and Credit Hours		Milestones	Advising Tips
PCB 3083/L Introduction to Preprofessional Studies	4	Complete PHY2054/L and PSB3002 with B or better.	<ol style="list-style-type: none"> <li>1. Continue planning for professional career /employment /graduate school.</li> <li>2. Attend Pre-Health Professions Day.</li> <li>3. Begin to prepare for MCAT/DAT/other exam.</li> <li>4. Sign up to take MCAT/DAT/other exam.</li> </ol>
PSB3002 Biological Basis of Behavior	3		
PHY2054/L College Physics 2 and Lab	5		
BCH3034 Biochemistry 2	3		
<b>Total</b>	<b>15</b>		
Balance/Other Commitments & Activities:			
Semester ___: ( X ) Summer ( ) Fall ( ) Spring			
Courses and Credit Hours		Milestones	Advising Tips
IFP	3		
<b>Total</b>			
Balance/Other Commitments & Activities:			

BY THE END OF THE JUNIOR YEAR:
Complete PCB3083 and lab (Introduction to Pre-professional Studies)
Open a file with the Pre-Health Professions Office.
Make an effort to get to know a second professor well.
Develop personal statement for application. Have it reviewed (Writing Center/Pre-Professional Office).
Investigate schools to which you will apply.
Attend Pre-Health Professions Day in March.
Study for the MCAT/DAT/other admissions test. Sign up for a test date – the earlier, the better!

SUMMER BETWEEN JUNIOR AND SENIOR YEARS:
Finalize the list of schools to which you will apply.
Request 3 letters (from two faculty who know you well and from a physician whom you shadowed)
Interview with the Pre-Professional Committee.
Submit your primary application in early June.
Complete secondary applications as you receive them.
Complete INTERVIEW BOOT CAMP and/or APPS programs.

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<b>YEAR 4</b>
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<b>Semester ___:</b> ( ) Summer (X) Fall ( ) Spring
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Courses and Credit Hours	Milestones	Advising Tips
PCB4023 Molecular Cell Biology	3	1. Conduct pre-graduation check with advisor. 2. Review your committee interview before you go out on interviews!
PCB3703/L Human Morph and Function 1 and lab	4	
BSC4906 Directed Independent Study	3	
IFP	3	
<b>Total</b>	<b>13</b>	

Balance/Other Commitments & Activities:
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<b>Semester ___:</b> ( ) Summer ( ) Fall (X) Spring
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Courses and Credit Hours	Milestones	Advising Tips
PCB4043 Ecology or 4674 Evolution	3	1. Apply for graduation in first 2 weeks of the semester. 2. Attend FAU Job Fair if looking for employment.
Upper division Biology Elective	3	
PCB 3704/L Human Morph and Function 2 and lab	4	
General Elective	3	
<b>Total</b>	<b>13</b>	

Balance/Other Commitments & Activities:
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<b>Semester ___:</b> (X) Summer ( ) Fall ( ) Spring
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Courses and Credit Hours	Milestones	Advising Tips
<b>Total</b>		

Balance/Other Commitments & Activities:
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<b>BY THE END OF THE SENIOR YEAR:</b>
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Complete your medical/dental school interviews.
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Let the Pre-health Professions Office know when you are accepted so we can put your picture up on the Wall of Fame!
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Attend the Future Doctors Reception and CELEBRATE!!
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If you weren't successful in getting in this cycle, review what happened. Evaluate what you need to do to strengthen your package (more shadowing? Graduate degree? Interview skills? Higher test score?). Many students are successful on a 2 <sup>nd</sup> or even 3 <sup>rd</sup> attempt, so don't be discouraged.
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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 SCIENCES  
Pre-Health Professions Students**

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

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

<http://www.sfn.org/>

**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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