

**4 YEAR FLIGHT PLAN:  
BS/BSE in Science Education (Chemistry 6-12)**

YEAR 1		
Semester 1: ( ) Summer ( X ) Fall ( ) Spring		
Courses and Credit Hours		Milestones
IFP ENC 1101 College Writing I	3	1. Confirm/Declare your major by the end of semester (including BS/BSE). 2. Earn and maintain a GPA of 2.5 or higher 3. All Education classes require a grade of "C" or higher
IFP MAC 1105 College Algebra	3	
IFP Society & Human Behavior recommend EEX 2091	3	
IFP Science CHM 2045 + Lab General Chemistry I plus Lab	4	
<b>Total</b>	13	
Semester 2: ( ) Summer ( ) Fall ( X ) Spring		
Courses and Credit Hours		Milestones
IFP ENC 1102 College Writing II (or approved substitution)	3	1. Maintain good academic standing
IFP MAC 2233 Methods of Calculus	3	
IFP Global Citizenship recommend GEA 2000	3	
CHM 2046 & L General Chemistry II &L	4	
<b>Total</b>	13	
Semester 3: ( X ) Summer ( ) Fall ( ) Spring		
Courses and Credit Hours		Milestones
IFP Society and Human Behavior choose from AMH 2020 or POS 2041 (required)	3	1. Maintain good academic standing 2. Complete fingerprinting and security clearance with district <a href="https://www.fau.edu/education/students/school-engagement/security-clearance/">https://www.fau.edu/education/students/school-engagement/security-clearance/</a> 3. Schedule FTCE - General Knowledge exam <a href="http://www.fl.nesinc.com">www.fl.nesinc.com</a> 4. For General Knowledge assistance visit <a href="http://www.fau.edu/testprep/">http://www.fau.edu/testprep/</a> 5. Sign up for Livetext account <a href="https://www.fau.edu/education/students/livetext/">https://www.fau.edu/education/students/livetext/</a>
EME 2040 Introduction to Technology for Educators	3	
<b>Total</b>	6	

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YEAR 2		
<b>Semester 4:</b> ( ) Summer ( X ) Fall ( ) Spring		
Courses and Credit Hours		Milestones
IFP Humanities (WAC)	3	1. Submit General Knowledge scores *EDF 2005=15 hours of field experience ( <a href="https://www.fau.edu/education/students/oa/ss/fieldexperience/">https://www.fau.edu/education/students/oa/ss/fieldexperience/</a> )
IFP Science PHY 2053 College Physics I	4	
EDF 2005 Introduction to the Teaching Profession	3	
General Education Elective or Foreign Language I	3-4	
<b>Total</b>	13-14	
<b>Semester 5:</b> ( ) Summer ( ) Fall ( X ) Spring		
Courses and Credit Hours		Milestones
EDF 2085 Introduction to Diversity for Educators (WAC)	3	1. Maintain good academic standing 2. *EDF 2085 = 15 hours of field experience
CHM 2210 Organic Chemistry	3	
PHY 2054 College Physics II	4	
General Education Elective or Foreign Language II	3-4	
<b>Total</b>	13-14	
<b>Semester 6:</b> ( X ) Summer ( ) Fall ( ) Spring		
Courses and Credit Hours		Milestones
IFP Global Citizenship recommend EDF 2854	3	1. Schedule appointment with academic advisor – formal admission
IFP Humanities	3	
<b>Total</b>	6	
YEAR 3		
<b>Semester 7:</b> ( ) Summer ( X ) Fall ( ) Spring		
Courses and Credit Hours		Milestones
EDF 3210 Applied Learning Theory	3	1. Maintain good academic standing  NOTE: In remaining semesters, departmental course rotation may dictate selection of science content courses – please consult with your advisor each semester prior to registration.
EDF 3430 Educational Measurement and Evaluation	3	
TSL 4324 ESOL Strategies for Content Area Teachers	3	
BCH 3033 Biochemistry I	3	
CHM 2211 & L Organic Chemistry II & L	5	
<b>Total</b>	17	

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Semester 8: ( ) Summer ( ) Fall ( X ) Spring		
Courses and Credit Hours		Milestones
OCE 3008 Oceanography	3	1. Maintain good academic standing 2. Take FTCE Professional Education and Subject Area Exams (Chemistry 6-12)
SCE 4360 Science: Middle & Secondary School	3	
CHM 3060 Chemical Literature	1	
CHM 3609 & L Inorganic Chemistry & Lab	4	
CHM 3400 Introduction to Physical Chemistry	3	
<b>Total</b>	14	
Semester 9: ( X ) Summer ( ) Fall ( ) Spring		
Courses and Credit Hours		Milestones
<b>Total</b>	0	
YEAR 4		
Semester 10: ( ) Summer ( X ) Fall ( ) Spring		
Courses and Credit Hours		Milestones
RED 4335 Content Reading: Middle & Secondary School	3	1. Maintain good academic standing 2. *RED 4335 = 7-10 hours of field experience 3. *ESE 3940 = one day per week of field experience 4. Apply for student teaching/graduation
ESE 3940 Secondary School Effective Instruction	3	
CHM 3120 & L Quantitative Analysis & Lab	4	
BCH 3103L Biochemistry Lab	3	
<b>Total</b>	13	
Semester 11: ( ) Summer ( ) Fall ( X ) Spring		
Courses and Credit Hours		Milestones
SCE 4944 Student Teaching: Science	6-12	1. Maintain good academic standing 2. *Full-time clinical experience in school setting Completion of elective credit (and foreign language decision) determines amount of student teaching credit required
<b>Total</b>	6-12	

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

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