

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

YEAR 1		
Semester 1: () Summer (X) Fall () Spring		
Courses and Credit Hours		Milestones
IFP ENC 1101 College Writing I	3	<ol style="list-style-type: none"> 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 4. NOTE: If student selects to complete BS track, foreign language classes should be included in year 1
IFP MAC 2311 Calculus w/Analytic Geometry I	4	
IFP Global Citizenship recommend GEA 2000	3	
IFP Society & Human Behavior recommend EEX 2091	3	
PHY 1090 First Year Physics Seminar	1	
Total	14	
Semester 2: () Summer () Fall (X) Spring		
Courses and Credit Hours		Milestones
IFP ENC 1102 College Writing II (or approved substitution)	3	<ol style="list-style-type: none"> 1. Maintain good academic standing
IFP MAC 2312 Calculus w/Analytic Geometry II	4	
IFP PHY 2048 & L General Physics I & Lab	5	
IFP Society and Human Behavior choose AMH 2020 or POS 2041 (required)	3	
Total	15	
Semester 3: (X) Summer () Fall () Spring		
Courses and Credit Hours		Milestones
EME 2040 Introduction to Technology for Educators	3	<ol style="list-style-type: none"> 1. Maintain good academic standing 2. Complete fingerprinting and security clearance with district https://www.fau.edu/education/students/school-engagement/security-clearance/ 3. Schedule FTCE - General Knowledge exam www.fl.nesinc.com 4. For General Knowledge assistance visit http://www.fau.edu/testprep/ 5. Sign up for Livetext account https://www.fau.edu/education/students/livetext/
MAC 2313 Calculus III	4	
Total	7	

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YEAR 2		
Semester 4: () Summer (X) Fall () Spring		
Courses and Credit Hours		Milestones
IFP Humanities (WAC)	3	1. Submit General Knowledge scores 2. *EDF 2005=15 hours of field experience (https://www.fau.edu/education/students/oass/fieldexperience/)
IFP Global Citizenship recommend EDF 2854	3	
EDF 2005 Introduction to the Teaching Profession	3	
PHY 2049 & L General Physics II & Lab	5	
Total	14	
Semester 5: () Summer () Fall (X) Spring		
Courses and Credit Hours		Milestones
IFP Humanities	3	1. Maintain good academic standing 2. *EDF 2085 = 15 hours of field experience
EDF 2085 Introduction to Diversity for Educators (WAC)	3	
IFP BSC 1010 & L OR CHM 2045 & L	4	
MAP 3305 Engineering Mathematics 1	3	
Total	13	
Semester 6: (X) Summer () Fall () Spring		
Courses and Credit Hours		Milestones
General Education Elective	3	1. Schedule appointment with academic advisor- formal admission
Total	3	
YEAR 3		
Semester 7: () Summer (X) Fall () Spring		
Courses and Credit Hours		Milestones
EDF 3210 Applied Learning Theory	3	1. Schedule appointment with assigned Faculty advisor- sign program of studies NOTE: BSC or CHM course must be the second level of the same discipline taken in semester 5
PHY 3323 Electromagnetism I	4	
PHY 3101C Survey of Modern Physics	4	
BSC 1011 & L OR CHM 2046 & L	4	
Total	14	

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Semester 8: () Summer () Fall (X) Spring		
Courses and Credit Hours		Milestones
TSL 4324 ESOL Strategies for Content Area Teachers	3	1. Maintain good academic standing 2. Take FTCE Professional Education and Subject Area Exams (Physics 6-12) 3. *A minimum of 108 credits must be earned by the end of term 10 year 4. Please review with advisor.
SCE 4360 Science: Middle & Secondary School	3	
PHY 3722 Physical Electronics	4	
EDF 3430 Educational Measurement and Evaluation	3	
Total	13	
Semester 9: (X) Summer () Fall () Spring		
Courses and Credit Hours		Milestones
* Unrestricted elective credit	0-3	*A minimum of 108 credits must be earned by the end of term 10 year 4. Please review with advisor.
Total	0-3	

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. Take two from PHY/PHZ choices. 5. Apply for student teaching/graduation
ESE 3940 Secondary School Effective Instruction	3	
Choose from: PHZ 3151C, PHY 3221, PHY 4523, PHY 4604 (must take at least two)	8	
Total	14	
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
Total	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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