

**4 YEAR FLIGHT PLAN:
BS/BSE in Science Education (Biology 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 4. NOTE: If student selects to complete BS track, foreign language classes should be included in year 1
IFP Math MAC 1105 - College Algebra	3	
IFP Science BSC 1011 & L - Biodiversity & Lab	4	
IFP Society and Human Behavior choose AMH 2020 or POS 2041 (required)	3	
Total	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 Math MAC 2233 - Methods of Calculus	3	
IFP Science BSC 1010 & L - Biological Principles & Lab	4	
IFP Global Citizenship recommend - GEA 2000	3	
Total	13	
Semester 3: (X) Summer () Fall () Spring		
Courses and Credit Hours		Milestones
EME 2040 - Introduction to Technology for Educators	3	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/
PSC 2121 - Physical Science	3	
Total	6	

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YEAR 2		
Semester 4: <input type="checkbox"/> Summer <input checked="" type="checkbox"/> Fall <input type="checkbox"/> 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 Society and Human Behavior – recommend EEX 2091	3	
EDF 2005 - Introduction to the Teaching Profession	3	
CHM 2045 & L - General Chemistry I & Lab	4	
Total	13	
Semester 5: <input type="checkbox"/> Summer <input type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring		
Courses and Credit Hours		Milestones
IFP Global Citizenship recommend EDF 2854	3	1. Maintain good academic standing 2. *EDF 2085 = 15 hours of field experience
IFP Humanities	3	
EDF 2085 - Introduction to Diversity for Educators (WAC)	3	
CHM 2046 & L - General Chemistry II & Lab	4	
Total	13	
Semester 6: <input checked="" type="checkbox"/> Summer <input type="checkbox"/> Fall <input type="checkbox"/> Spring		
Courses and Credit Hours		Milestones
CHM 2210 Organic Chemistry	3	1. Schedule appointment with academic advisor – formal admission
Total	3	
YEAR 3		
Semester 7: <input type="checkbox"/> Summer <input checked="" type="checkbox"/> Fall <input type="checkbox"/> 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	
PSY 3234 Experimental Design & Statistical Inference	3	
PCB 3063 Genetics	4	
Total	13	

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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 (Biology 6-12) *A minimum of 108 credits must be earned by the end of term 10 year 4.
SCE 4360 Science: Middle & Secondary School	3	
OCE 3008 or OCB 4633	3	
MCB 3020 & L or PCB 3023	3-4	
PCB 4723 & L or BOT 4503 & L	4	
Total	16-17	
Semester 9: (X) Summer () Fall () Spring		
Courses and Credit Hours		Milestones
Unrestricted elective*	0-3	1. *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. Apply for student teaching/graduation *A minimum of 108 credits must be earned by the end of term 10 year 4.
ESE 3940 Secondary School Effective Instruction	3	
2000-4000 level Biology elective (see COE guide)	3-4	
3000-4000 level Biology elective (see COE guide)	3-4	
PCB 4043 Principles of Ecology	3	
Total	15-17	
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 3. Completion of elective credit (and foreign language decision) determines amount of student teaching credit required
Total	6-12	

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