

**4 YEAR FLIGHT PLAN:
BA/BAE in Secondary Mathematics Education (6-12)**

YEAR 1		
Semester 1: <input type="checkbox"/> Summer <input checked="" type="checkbox"/> Fall <input type="checkbox"/> Spring		
Courses and Credit Hours	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 BA/BAE). 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 BA track, foreign language classes should be included in year 1
IFP Math MAC 2311 Calculus with Analytic Geometry I	4	
IFP Science recommend PSC 2121 Physical Science	3	
IFP Society & Human Behavior recommend EEX 2091	3	
Total	13	
Semester 2: <input type="checkbox"/> Summer <input type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring		
Courses and Credit Hours	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 Math MAC 2312 Calculus with Analytic Geometry II	4	
IFP Science with lab recommend BSC 1005 & L Life Science and Lab	3	
IFP Global Citizenship recommend GEA 2000 World Geography	3	
Total	13	
Semester 3: <input checked="" type="checkbox"/> Summer <input type="checkbox"/> Fall <input type="checkbox"/> Spring		
Courses and Credit Hours	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/
MAD 2104 – Discrete Math	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/) All Education classes require a grade of “C” or higher
IFP Global Citizenship recommend EDF 2854	3	
IFP Society & Human Behavior – choose AMH 2020 or POS 2041 (required)	3	
EDF 2005 Introduction to the Teaching Profession	3	
MAC 2313 Calculus with Analytic Geometry III	4	
Total	16	
Semester 5: <input type="checkbox"/> Summer <input type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring		
Courses and Credit Hours		Milestones
IFP Humanities	3	1. Maintain good academic standing *EDF 2085 = 15 hours of field experience NOTE: In semesters 5-10, academic department course rotation may dictate selection of content courses -- please consult with your advisor each semester prior to registration
EDF 2085 Introduction to Diversity for Educators (WAC)	3	
MAS 2103 Matrix Theory	3	
MAD 2502 Intro to Computational Math OR Programming course	3	
Total	12	
Semester 6: <input checked="" type="checkbox"/> Summer <input type="checkbox"/> Fall <input type="checkbox"/> Spring		
Courses and Credit Hours		Milestones
General Education Elective	3	1. Maintain good academic standing
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. Schedule appointment with assigned faculty advisor- sign program of studies, select upper division mathematics electives
EDF 3430 Educational Measurement and Evaluation	3	
MHF 3202 – Introduction to Advanced Math	3	
MTG 3212 Survey of Geometry	3	
STA 4442 Probability & Statistics	3	
Total	15	

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Semester 8: () Summer () Fall (X) Spring		
Courses and Credit Hours		Milestones
MAE 4360 Teaching Mid & Sec. School	3	1. *MAE 4360 = 7-10 hours of field experience 2. Visit with career counselors for job search or graduate school planning 3. Take FTCE Professional Education and Subject Area exams (Mathematics 6-12)
TSL 4324 ESOL Strategies for Content Area Teachers	3	
MAS 4301 Modern Algebra	3	
3000-4000 Mathematics Elective	3-4	
3000-4000 Mathematics Elective	3-4	
Total	15-17	
Semester 9: (X) Summer () Fall () Spring		
Courses and Credit Hours		Milestones
Total	0	
YEAR 4		
Semester 10: () Summer (X) Fall () Spring		
Courses and Credit Hours		Milestones
RED 4335 Content Reading: Middle & Secondary School	3	1. *RED 4335 = 7-10 hours of field experience 2. *ESE 3940 = one day per week of field experience 3. Maintain good academic standing 4. Apply for student teaching/graduation
ESE 3940 Secondary School Effective Instruction	3	
MAA 4200 Modern Analysis	3-4	
3000-4000 Mathematics Elective	3-4	
3000-4000 Mathematics Elective	3-4	
Total	15-18	
Semester 11: () Summer () Fall (X) Spring		
Courses and Credit Hours		Milestones
MAE 4945-Student Teaching: Mathematics	6-12	1. *Full-time clinical experience in school setting. 2. Completion of elective credit and BA/BAE track 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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