

 <b>FLORIDA ATLANTIC UNIVERSITY</b>	<b>NEW/CHANGE PROGRAM REQUEST</b> <b>Graduate Programs</b>		UGPC Approval _____ UFS Approval _____ Banner _____ Catalog _____
	<b>Department</b> Biological Sciences  <b>College</b> Charles E Schmidt College of Science		
<b>Program Name</b> Masters of Science in Teaching (M.S.T.) Non-Thesis Option 2		<input type="checkbox"/> <b>New Program*</b> <input checked="" type="checkbox"/> <b>Change Program*</b>	<b>Effective Date</b> (TERM & YEAR) Fall 2023
<b>Please explain the requested change(s) and offer rationale below or on an attachment.</b>  The Biology Masters Committee would like to revise the Masters of Science in Teaching (M.S.T.) Non-thesis Option 2  Update course number changes for DIR research credits and clarify that the total allowed toward the degree includes DIS/DIR research credits taken outside of the department.			
<small>*All new programs and changes to existing programs must be accompanied by a catalog entry showing the new or proposed changes.</small>			
<b>Faculty Contact/Email/Phone</b> Dr. Randy Brooks /wbrooks@fau.edu/561-297-3888		<b>Consult and list departments that may be affected by the change(s) and attach documentation</b> None	
<b>Approved by</b> Department Chair <u>Sarah L. Mutton</u> College Curriculum Chair <u>Louis Merlin</u> College Dean <u>William D Kalies</u> UGPC Chair <u>Mihaela Cardei</u> UGC Chair <u>Paul R. Pelow</u> Graduate College Dean <u>Robert W. Johnson</u> UFS President _____ Provost _____		<b>Date</b> 10-13-2022 10/26/2022 Nov 16, 2022 Nov 16, 2022 Nov 16, 2022 _____ _____	

Email this form and attachments to [UGPC@fau.edu](mailto:UGPC@fau.edu) 10 days before the UGPC meeting.

## Biological Sciences

### Master of Science in Teaching (M.S.T.)

#### Non-Thesis Option 2

This degree program is designed for students who wish to satisfy requirements for teaching in high school or junior college. In addition to regular coursework, students in this option may also elect to complete a Research Report, a short paper describing the results and significance of a circumscribed research project. Depending on background, students may also be required to take 6 credits of an Educational Internship.

The M.S.T. degree requires a minimum of 30 credits, if the student has two years of teaching experience at a secondary or junior college level. The M.S.T. degree requires 36 credits if the student has not completed the student teaching requirement. Degree requirements include:

1. At least half or 15 credits must be Biology Department courses;
  2. Fifteen (15) of the 30 credits must be at the 6000 level or higher; the remaining 15 credits must be at the 5000 or 6000 level;
  3. Two (2) of the 30 credits must involve courses in which the student presented a formal seminar;
  4. ~~Up to 3 credits of Directed Independent Study (BSC 6905) may be counted toward this degree;~~ Maximum of 3 credits in Directed Independent Research in Biological Sciences (BSC 6917) ~~Study (BSC 6905)~~ will count toward the degree; or up to 3 credits Directed Independent Study (DIS)/DIR; either taken outside of Biology. Any combination of DIS/DIR credits, regardless of source cannot total more than 3 credits that will count toward the degree
  5. One of the 30 credits (or 36 credits for students without two years prior teaching experience) must be the Master's Comprehensive Exam (BSC 6962). Students must take and pass a minimum of three written comprehensive exams given by a committee in designated areas within the microbiology and organismal specialties. Question types require written responses in essay and definition formats. See [FAU Regulations for Biology Master's Degrees](#) for complete requirements to complete the Master's Comprehensive Exam course;
- Note: Master's Thesis (BSC 6971), Master's Thesis Proposal (BSC 6963) and Master's Thesis Defense (BSC 6975) do not count toward the M.S. Non-Thesis Option 1 degree.
6. Students must take 6 credits of approved graduate courses in education or another cognate field if they plan to teach in high school and hold a Rank III secondary certificate (obtained independently from this M.S.T. degree), or if the student intends to teach at the college level;
  7. Six (6) additional credits of Internship (EDG 6940) are required, except for those with two years of teaching experience at a secondary school or junior college level. Such internships can be completed in the following manner. Students enrolled in EDG 6940 (6 credits) may choose one of the following to fulfill the course requirements:
    - a. Do an internship with one of the local public schools (verified by local school contacts). There is no form to be completed, but rather the student independently lines up an internship opportunity. Once confirmed, the Biology Department will contact the FAU Education Department requesting permission for the student to register for the Internship, EDG 6940. At the end of the term in which the student registers for the internship, the FAU Education Department will contact the Biology Department to verify the student has completed the internship successfully so that a satisfactory grade can be applied. This latter confirmation is done based on the teacher/school in which the student does the internship and who verifies in writing that the internship was completed;
    - b. Teach a laboratory course in the Biology Department (verified by the lab coordinator for time, effort and teaching responsibilities).