

Abraham S. Fischler School of Education

<http://www.fischlerschool.nova.edu/>

Master of Science in Education

Specialization: Computer Science Education (Florida State Approved)

Initial Certification Plan

SAMPLE CLUSTER ORGANIZATION

(You may enter the program at any time but you may have to wait for courses or sequence of courses may need to be modified.)

Entrance Requirements

1. Complete the admission application packet and submit a \$50.00 non-refundable fee (U.S. dollars) made payable to Nova Southeastern University (NSU).
2. Official transcripts from **all** previously attended academic institutions. An official transcript indicating conferral of a bachelor's degree from a regionally accredited institution is required.
3. Evidence of a minimum **2.5** cumulative grade point average (CGPA) **or** test scores from the Graduate Record Exam (GRE) with a combined score of 1000 for the verbal and quantitative scales only. The GRE must have been taken within the past 5 years from the date of application.
4. Applicants who do not meet the minimum 2.5 GPA or GRE score requirement, may enroll in a maximum of six (6) credit hours and must earn a grade of B or higher in each course during the first term of enrollment for **conditional admission**. Students who do not earn a grade of B or higher in each course will be subject to dismissal from the program.
5. The Florida Department of Education requires passing scores on the CLAST (passed before July 1, 2002), **or** GKT, **or** GRE (1000 between verbal and quantitative), **or** Praxis I as a requirement for Initial Certification Plans and State – Approved programs of the teacher education program.

Coursework in Cluster Format

Completed	Course Title	Credit
	Fall Term Session I	
1	EDU 5000 Orientation to Graduate Teacher Education Program*	0
2	CSE 505 Computer Applications for Teachers* <i>Prerequisite/s: CSE 501</i>	3
3	EDU 514 Pre-Internship Practices	3
4	EDU 601 Professional Seminar I	0
5	CSE 501 Computing Resources for Teachers	3
	Fall Term Session II	
6	CUR 526 Educational Research for Practitioners	3
7	EDU 501 School and Society	3
8	CSE 510 Instructional Applications of Technolog: Introduction to Programming Concepts* <i>Prerequisite/s: CSE 501 & CSE 505</i>	3
	Winter Term Session I	
9	CSE 525 Introduction to Structured Programming for Computer Science Educators* <i>Prerequisite/s: CSE 501 & CSE 505</i>	3
10	EDU 503 Classroom Management and Organization	3
11	CSE 515 Methods of Teaching Computer Science K-12* <i>Prerequisite/s: CSE 501, CSE 505, CSE 510, CSE 525, CSE 530 & CSE 535</i>	3
	Winter Term Session II	
12	CSE 530 Introduction to Programming in C++ for Computer Science Educators* <i>Prerequisite/s: CSE 501 & CSE 505</i>	3
13	EDU 502 Psychological Foundations in Education* <i>Prerequisite/s: EDU 601</i>	3
	Summer Term Session I	
14	CSE 517 Web Applications for Computer Science Education* <i>Prerequisite/s: CSE 501 & CSE 505</i>	3
15	CSE 535 Java for Computer Science Educators* <i>Prerequisite/s: CSE 501 & CSE 505</i>	3
16	CUR 591 Assessment and Evaluation	3
	Summer Term Session II	
17	CSE 540 Data Structures for Computer Science Educators* <i>Prerequisite/s: CSE 501, CSE 505, CSE 530 & CSE 535</i>	3
18	CSE 545 Networking in Computer Science Education Environments* <i>Prerequisite/s: CSE 501 & CSE 505</i>	3
19	TSOL 510 Classroom TESOL, Theory and Strategies for Teachers	3
	Fall Term Session I	
20	EDU 688 – Teaching Internship Seminar*	9
21	RED 585 Reading in the Content Area* <i>Prerequisite/s: EDU 601</i>	3
22	EDU 602 Professional Seminar II*	0
	Total Credits Required for Degree	63

Benchmarks:

1. Complete CUR 526, EDU 514, EDU 5000, and EDU 601 within first term of program at NSU
2. Maintain a 3.0 cumulative GPA
3. Complete program capstone: Teaching Internship Seminar; <http://www.schoolofed.nova.edu/gtep/fldex/> - All coursework must be completed with a 3.0 cumulative GPA to be eligible for student teaching internship (Internship application must be submitted 6 months in advance)
4. All Florida Teacher Certification Examinations (FTCE) must be completed prior to entering EDU 688 - Teaching Internship Seminar
5. Earn a "Pass" in EDU 601 & 602-Professional Seminar I & II (Florida Accomplished Educational Practices)

Complete all testing requirements for specialization and program.0 GPA in s

* Program Prerequisites: To check prerequisites, click on the individual course ID in the schedule;

http://www.fischlerschool.nova.edu/current-students/master_edspecialist-schedule

Exit Requirements

1. Florida Teacher Certification Examinations (FTCE) – Passing scores on the following areas:
 - a. Professional Education Test (PEd)
 - b. General Knowledge Test (GK) **or** CLAST (if taken prior to July 1, of 2002)
 - c. Subject Area Exam (SAE) in Computer Science Education K-12
2. Degree Application <http://www.nova.edu/cwis/registrar/faq.html>

Important Student Notice

Students are strongly encouraged to visit the Abraham S. Fischler School of Education catalog for degree and program requirements; <http://www.fischlerschool.nova.edu/current-students/studentcataloghandbook>. The student has **6** years to complete degree from first session enrolled. **It is the student's responsibility to ensure that all certification requirements are met.** *The program outline is provided to the student based on the current certification area requirements according to the Florida Department of Education at the time of initial enrollment in the program.*

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