

**Abraham S. Fischler School of Education**

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

**Educational Specialist Degree**  
**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 a regionally accredited institution indicating a conferred master's degree is required. Official final transcripts from all institutions of higher education (community colleges, bachelor's programs, graduate programs).
3. Evidence of a cumulative grade point average (CGPA) of a **3.0** is required.
4. 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
	<b>Fall Term Session I</b>	
1	EDU 5000 Orientation to Graduate Teacher Education Program	0
2	CSE 705 Computing Applications for Teachers	3
3	EDU 514 Pre-Internship Practices	3
4	EDU 601 Professional Seminar I	0
5	CSE 701 Computing Resources for Teachers	3
	<b>Fall Term Session II</b>	
6	EDU 708 Research and Design in Education	3
7	EDU 501 School and Society	3
8	CSE 714 Instructional Applications of Technology: Introduction to Programming Concepts	3
	<b>Winter Term Session I</b>	
9	CSE 725 Introduction to Structured Programming for Computer Science Educators* Prerequisite/s: CSE 701 & CSE 705	3
10	EDU 503 Classroom Management and Organization	3
11	CSE 713 Methods of Teaching Computer Science K-12* Prerequisite/s: CSE 701 & CSE 705	3
	<b>Winter Term Session II</b>	
12	CSE 732 Introduction to Programming in C++ for Computer Science Educators* Prerequisite/s: CSE 701 & CSE 705	3
13	EDU 502 Psychological Foundations in Education	3
	<b>Summer Term Session I</b>	
14	CSE 717 Web Applications for Computer Science Education* Prerequisite/s: CSE 701 & CSE 705	3
15	CSE 735 Java for Computer Science Educators* Prerequisite/s: CSE 701 & CSE 705	3
16	CUR 591 Assessment and Evaluation	3
	<b>Summer Term Session II</b>	
17	CSE 747 Data Structures for Computer Science Educators* Prerequisite/s: CSE 705, CSE 710, CSE 732 or CSE 735	3
18	CSE 745 Networking in Computer Science Education Environments* Prerequisite/s: CSE 701 & CSE 705	3
19	TSOL 510 Classroom TESOL, Theory and Strategies for Teachers	3
	<b>Fall Term Session I</b>	
20	EDU 688 – Teaching Internship Seminar*	9
21	RED 585 Reading in the Content Areas	3
22	EDU 602 Professional Seminar II*	0
	<b>Total Credits Required for Degree</b>	<b>63</b>

**Benchmarks:**

1. Complete EDU 708, 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.schoolfed.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)
6. Complete all testing requirements for specialization and program

\* **Program Prerequisites:** To check prerequisites, click on the individual course ID in the schedule; [http://www.fischlerschool.nova.edu/current-students/master\\_edspecialist-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.

**Abraham S. Fischler School of Education**

1750 NE 167<sup>th</sup> Street, North Miami Beach, FL 33162, tel.: 1-800-986-3223 ext. 8500 or 954-262-8500