

Abraham S. Fischler School of Education

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

Master of Science in Education Specialization: Computer Science Education

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.
6. Valid Temporary or Professional Teaching Certificate

Coursework in Cluster Format

	Completed	Course Title	Credit
		<i>Fall Term Session I</i>	
1		EDU 5000 Orientation to the Graduate Teacher Education Program*	0
2		CSE 505 Computer Applications for Teachers* <i>Prerequisite/s: CSE 501</i>	3
3		EDU 601 Professional Seminar I	0
4		CSE 501 Computing Resources for Teachers	3
		<i>Fall Term Session II</i>	
5		CUR 526 Educational Research for Practitioners	3
6		CSE 510 Instructional Applications of Technology: Introduction to Programming Concepts* <i>Prerequisite/s: CSE 501 & CSE 505</i>	3
		<i>Winter Term Session I</i>	
7		CSE 525 Introduction to Structured Programming for Computer Science Educators* <i>Prerequisite/s: CSE 501 & CSE 505</i>	3
8		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
		<i>Winter Term Session II</i>	
9		CSE 530 Introduction to Programming in C++ for Computer Science Educators* <i>Prerequisite/s: CSE 501 & CSE 505</i>	3
10		CSE 699 Applied Professional Experience in Computer Science Education*	3
		<i>Summer Term Session I</i>	
11		CSE 517 Web Applications for Computer Science Education* <i>Prerequisite/s: CSE 501 & CSE 505</i>	3
12		CSE 535 Java for Computer Science Educators* <i>Prerequisite/s: CSE 501 & CSE 505</i>	3
		<i>Summer Term Session II</i>	
13		CSE 540 Data Structures for Computer Science Educators* <i>Prerequisite/s: CSE 501, CSE 505, CSE 530 & CSE 535</i>	3
14		CSE 545 Networking in Computer Science Education Environments* <i>Prerequisite/s: CSE 501 & CSE 505</i>	3
15		EDU 602 Professional Seminar II*	0
		Total Credits Required for Degree	36

Benchmarks:

1. Complete CUR 526, EDU 5000 and EDU 601 within first term of program at NSU
2. Maintain a 3.0 cumulative GPA
3. Complete program capstone: Applied Professional Experience: <http://www.schoolofed.nova.edu/gtep/fldex/> (30 credit hours of coursework with a 3.0 cumulative GPA must be completed for eligibility)
4. Earn a "Pass" in EDU 601 & 602- Professional Seminar I & II (Florida Accomplished Educational Practices)
5. 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.

Exit Requirements

Students with a Temporary Teaching Certificate must provide:

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
 - d. Evidence of student teaching experience or have a minimum of one (1) year of full-time teaching experience in a Computer Science classroom (K-12).

Students with a Professional Teaching Certificate must provide:

1. Florida Teacher Certification Examinations (FTCE) – Passing scores on the following area:
 - a. Subject Area Exam (SAE) in Computer Science Education K-12

All students must submit a 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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