

1982

Master of Science Computer Science Graduate Courses Oct. 1982 with Course Descriptions

Nova Southeastern University

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Master of Science: Computer Science

Registrar's Office
Parker Bldg.
Room 104

Fall Term Registration:
Mon. Sept. 13-Sept. 27, 1982
Fall Term Classes:
Mon. Oct. 4-Jan. 6, 1983

Hours:
8:30 A.M. to 6:30 P.M.
Mon.-Thurs.
8:30 A.M.-5 P.M. Fri.

For further information:
Nova University
Center for Science and Engineering
3301 College Avenue
Fort Lauderdale, Florida 33314 475-7650

8210

Graduate Courses Beginning Oct. 4, 1982

(twelve sessions)

COURSE NUMBER	SEC	COURSE TITLE	DAY	DATES	TIME	ROOM*
ICS-690	A	Software Engineering	M	10/4/82-1/3/83	6:00-10:00 pm	P-142
ICS-624	A	Operations Research	T	10/5/82-1/4/83	6:00-10:00 pm	P-142
ICS-630	A	Programming Languages	Th	10/7/82-1/6/83	6:00-10:00 pm	P-142

*PARKER BUILDING

COURSE DESCRIPTIONS

ICS 630 Programming Languages/3 sem. hrs.
Introduction to data structures and data types, and understanding of the modern approach to structured programming will be developed. A comparative study of several high-level programming languages. Emphasis will be placed on how concepts are expressed in each of the major languages, such as FORTRAN, COBOL, PL/1, PASCAL, and ALGOL. **Prerequisite: Consent of instructor.**

ICS 624 Operations Research/3 sem. hrs.
Analytic formulation and solution of decision problems using mathematical techniques. Linear and dynamic programming. Queuing, searching, maximizing/minimizing techniques. Scheduling and Inventory models, forecasting and time series analysis. **Prerequisites: ICS 630.**

ICS 690 Software Engineering/3 sem. hrs.

This course offers a thorough analysis of the problems related to the design, development and implementation of Software Projects. First, the fundamentals of Software project management are presented, followed by a discussion of the techniques of Software development. A comprehensive, modern approach to structured programming, program modularization and program correctness is offered. Software Verification and Validation, Software security and Software protection will also be analyzed in detail. **Prerequisite: Consent of instructor.**



3301 College Avenue, Fort Lauderdale, Florida 33314
CENTER FOR SCIENCE AND ENGINEERING

Nova University



The following is the schedule of fees and the university policy on tuition payment and refund.

Tuition fees at the rate of \$130 per credit hour

Application fee, nonrefundable	\$15
Registration fee, nonrefundable	\$15 per term
Laboratory fee, where applicable	\$30
Graduation fee	\$15
Late Registration Fee (after Sept. 27)	\$15

Students cannot re-register for additional courses if there is an outstanding balance against previous tuition for which no previous arrangement has been made with the Comptroller.

Returning students must call 475-7650 for registration approval. Registration forms may be mailed in only after approval by phone.

Tuition Refund Policy

The following refund policy will be computed based upon the date written notification of the drop is received by the Registrar's Office.

100% refund prior to the first class meeting

75% refund prior to the second class meeting, regardless of class attendance.

50% refund prior to the third class meeting, regardless of class attendance.

Fees are non-refundable

Fri. Oct. 29 LAST DAY TO DROP COURSES.

Nova University is fully accredited by the Southern Association of Colleges and Schools and practices a policy of nondiscrimination in employment and in all its programs.

Nova University admits students of any race, color, and national or ethnic origin.