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Master of Science in Computer-Based Learning Leadership 1985

Nova University

NOVA UNIVERSITY

Master of Science in
Computer-Based Learning

With Options in:
- Training and Learning
- Adult Education
- Electronic Education

Leadership

for the
Information Society

M.S. in Computer-Based Learning (M.S.C.B.L.) with specialty options in Training and Learning, Adult Education, and Electronic Education.

The M.S. in Computer-Based Learning (M.S.C.B.L.) with an option in Training and Learning, Adult Education, and Electronic Education is designed specifically for the education of professionals seeking or holding jobs in education, business, industry, government, and the military. The program is concerned with the educational uses of microcomputers, networking, information management, and telecommunications. It provides a means for individuals to advance in their professions by applying the latest developments in information handling, computer utilization, telecommunications, and learning theory to their organizations. A combination of individual study, computer-based learning, teleconferences, seminars, and field projects in the students' own places of work, permits students to earn an advanced degree while at the same time making significant contributions to their organizations. For this reason, the program has been designed to operate in a UNIX* environment. A significant portion of student work will be completed using Nova's VAX 11/780 running BSD 4.2 UNIX.

*UNIX is a trademark of AT&T and Bell Laboratories

PROGRAM

Students begin their studies at their home locations using their own equipment immediately on qualifying for the program. The entire program should take 18 to 24 months to complete. Students take a common core of six courses and complete an action-research practicum.

Students must come to campus during the summer for the equivalent of one week during the first part of their program and for one week near the end of their program. Seminars and instruction will be provided during the two one-week sessions to augment the online work conducted during the year. Usually they will attend the first seminar before or during the first half of their program and the second at the end or during the last half of their program.

Teleconferences, interactive computer experiences, seminars, self-paced instructional courseware, reading, and written assignments are to be entered online and thus become searchable resources for students and faculty.

CURRICULUM

Core courses for the M.S. in Computer-Based Learning:
- An Introduction to Digital Computers and Telecommunications
- Online Information Systems
- Statistics, Measurement and Quality Control
- Instructional Theory and Design for CBL
- Database Management Systems
- Learning Theory, Problem Analysis, and Artificial Intelligence
- Practicum in Computer-Based Learning

Specialty courses in the Training and Learning option for training specialists:
- CAI Authoring Systems for Training Programs
- Analysis and Design of Computer-Based Training (CBT) Programs
- Management and Finance of CBT Programs
- Special Problems: Case Analyses in Training Programs

Specialty courses in the Adult Education option for college-level educators:
- Administrative and Management Applications of New Technology
- Introduction to Structured Programming in Pascal
- Advanced Computer Programming in Pascal
- Specialized Project in the Adult Education, Higher Education, or Vocational, Technical, and Occupational Setting

Specialty courses in the Electronic Education option for K-12 teachers:
- Administrative and Management Applications of New Technology
- Introduction to Structured Programming in Pascal
- Advanced Computer Programming in Pascal
- Specialized Project in the K-12 setting

ADMISSIONS REQUIREMENTS

- A bachelor's degree from an accredited institution
- A completed portfolio that shows a background that is likely to lead to success in the program
- Introductory level computer literacy that includes access to and the ability to use a personal computer and modem

TUITION

Tuition for the M.S.C.B.L. degree is currently $3000 per year or $125 per credit hour plus fees. Each student will be responsible for purchasing from Nova, online computer time at a current cost of $7.00 per hour (a minimum of 20 hours must be purchased per three-month term). Each student must have access to a personal computer and a modem. Students must provide their own textbooks. Tuition payments may be made by check or with MasterCard, Visa, Choice, or American Express cards.

The Center for Computer-Based Learning at Nova University also offers doctoral programs in Information Science, Training and Learning Technology, and Computer Science. Individual courses in the UNIX* operating system are also available. The Center for the Advancement of Education also offers the educational specialist and the doctor of education in computer education degrees.

**Center for
Computer-Based Learning
(305) 475-7047
(Florida toll-free
1-800-432-5021) Ext. 7047**

Interaction Between Student and Computer

Looking across Gold Circle Pond toward the Mailman-Hollywood Building and the Family Center.

Nova University, in Fort Lauderdale, Florida, is an independent, nonprofit institution that is not tax-supported. It offers courses of study leading to bachelor's, master's, educational specialist, and doctoral degrees, on its main campus, throughout the State of Florida, and across the nation. Nova also provides community services and conducts research in a variety of fields.
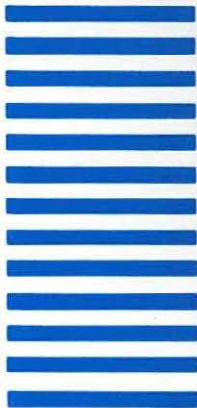
BUSINESS REPLY MAIL
FIRST CLASS   PERMIT NO 3200   FORT LAUDERDALE. FL

POSTAGE WILL BE PAID BY ADDRESSEE

NOVA UNIVERSITY

CENTER FOR COMPUTER-BASED LEARNING

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