INFORMATION TECHNOLOGY ADMINISTRATION CERTIFICATE

The undergraduate certificate in Information Technology (IT) Administration is designed for students who are interested in managing the complex technical infrastructure of today's organizations. The certificate is offered in partnership with the University of Agder in Norway (UiA), a sister university to UNO. The certificate consists of 12 credit hours of courses covering such areas as systems administration, network administration, database administration, security administration, and distributed systems. All courses are offered online. Students will take courses taught by both UNO and UiA instructors and will have the opportunity to work with students residing in a country other than their own.

Information Technology (IT) Administration Certificate Requirements

The certificate in Information Technology (IT) Administration is open to anyone with an associate's or bachelor's degree in IT. UNO students enrolled in the Division of Continuing Studies' Bachelor of Multidisciplinary Studies degree program with an IT-related concentration and students in any of the College of IS&T undergraduate degree programs are also eligible to enroll in this certificate program.

Students are responsible for completing the prerequisites for all courses taken for the IT Administration Certificate.

Code	Title	Credits
Prerequisite Courses		
CIST 1400	INTRODUCTION TO COMPUTER SCIENCE I	3
or CIST 1600	INTRODUCTION TO PROGRAMMING USING PRACTICAL SCRIPTING	
And one additional course of programming		3
CIST 2100	ORGANIZATIONS, APPLICATIONS AND TECHNOLOGY	3
One semester of database management:		3
ISQA 3310	MANAGING THE DATABASE ENVIRONMENT	
or IS 201-Data Modeling and Database Systems		

Code	Title	Credits
12 Hours Required		
All of the following:		**12**
ISQA 3400	INFORMATION TECHNOLOGY INFRASTRUCTURE [1]	
ISQA 4300	DATABASE ADMINISTRATION [1]	
ISQA 4380	DISTRIBUTED TECHNOLOGIES AND SYSTEMS	
CYBR 2600	SYSTEM ADMINISTRATION [1]	

[1] NOTE: The following substitutions will be accepted:
IS 212 (UiA) IT Resource Operations (3 hours) in place of ISQA 3400.
IS 309 (UiA) Advanced Database Systems (3 hours) in place of ISQA 4300 (http://catalog.unomaha.edu/search/?P=ISQA%204300).
IS 213 (UiA) Open Source (3 hours) in place of CYBR 2600.