INFORMATION SYSTEMS MANAGEMENT (BS)

Department Website (https://www.sps.nyu.edu/homepage/academics/bachelors-degrees/bs-in-information-systems-management.html)

NYSED: 21838 **HEGIS:** 0799.00 **CIP:** 11.0103

Program Description

The Bachelor of Science in Information Systems Management provides students who wish to pursue or to advance their career in information systems with the expertise necessary for the successful deployment of new technologies. Courses are taught by faculty members who are practitioners, ensuring that course content remains current with industry standards. The flexibility and adaptability of this program make it well-suited for individuals who are interested in launching a career in the information systems field, as well as those who have worked in information systems for many years.

The Bachelor of Science in Information Systems Management is grounded in the liberal arts, enabling students to master the skills in critical thinking, analysis, and communication that they need to successfully address complex challenges in their work.

New! Online Degree Completion Option
This entire degree can now be completed online. Be sure to specify when you apply.

Study On-site in the Heart of New York City, Enjoying Cultural Activities and Building Your Network.

Division of Applied Undergraduate Studies (DAUS) Admissions

Admission to undergraduate programs in the NYU School of Professional Studies Division of Applied Undergraduate Studies (DAUS) requires completion of a high school diploma or GED. Admissions decisions are made through a holistic review process. Visit the SPS Admissions website (https://www.sps.nyu.edu/homepage/admissions/admissions-criteria-and-deadlines/undergraduate-programs.html) for detailed application requirements and deadlines.

Program Requirements

The program requires the completion of 128 credits, comprised of the following:

Course	Title	Credits
Writing		
The following courses may be required based on a writing placement assessment, and should be successfully completed within the first three semesters:		8-10
EXWR1-UC 7501	Introduction to Creative and Expository Writing	
EXWR1-UC 7502	Writing Workshop I	
EXWR1-UC 7503	Writing Workshop II	
Critical Thinking		
HUMN1-UC 6401	Critical Thinking	4
Quantitative Reasoning		
Students, in close consultation with their adviser, select Math 1 and Math II or one of the following other courses based on a math placement assessment:		4
MATH1-UC 1101 & MATH1-UC 1141	Math I and Math II	
MATH1-UC 1105	Mathematical Reasoning	
MATH1-UC 1171	Precalculus	
MATH1-UC 1174	Calculus W/Applications to Business & Economics	
Scientific Issues		
Select one of the following:		4
SCNC1-UC 2001	Human Biology	
SCNC1-UC 3203	Environmental Sustainability	
SCNC1-UC 3207	Stars, Planets, & Life	
Historical Perspectives		
Select one of the following:		4
HIST1-UC 5804	Renaissance to Revolutn	
HIST1-UC 5820	The American Experience	
HIST1-UC 5821	Classical & Medieval World	
HIST1-UC 5822	Contemporary World	
Global Perspectives		
Select one of the following:		4
ANTH1-UC 5011	World Cultures: Africa	
ANTH1-UC 5012	World Cultures: Middle East	
ANTH1-UC 5013	World Cultures: Asia	
ANTH1-UC 5014	World Cultures: Latin America & The Caribbean	
Literary and Artistic Expressions		
Select one of the following:		4
ARTS1-UC 5438	History of Music	
ARTH1-UC 5443	Visual Expressions in Society	
LITR1-UC 6201	Contemporary Global Literature	
Liberal Arts Electives		
Select 16 Liberal Arts Elective credits by advisement		16
Major Requirements		
Based on math placement assessment, students select one of the two math courses listed below (in addition to the Quantitative Reasoning requirement in the Core Curriculum) and are required to take all additional courses listed.		

MATH1-UC 1174 or MATH1-UC 1171	Calculus W/Applications to Business & Economics or Precalculus	4
ECON1-UC 301	Intro to Macroeconomics	4
ECON1-UC 302	Intro to Microeconomics	4
MATH1-UC 1172	Statistical Methods	4
Foundation Courses		
ISMM1-UC 702	Database Design	4
ISMM1-UC 752	Systems Analysis	4
ISMM1-UC 746	Fundamentals of Computing	4
ISMM1-UC 771	Management Info Systems	4
ISMM1-UC 710	Project & Innovation Management	4
MKAN1-UC 5100	Cultural and Legal Implications of Digital Technology	4
Advanced Information Systems Management Courses		
Select an additional 20 credits from the following, by advisement:		20
ISMM1-UC 720	Networking Architecture & Protocols	
ISMM1-UC 721	Network Administration and Management	
ISMM1-UC 725	Disaster Recovery & Continuity Planning	
ISMM1-UC 762	Information Security Management	
ISMM1-UC 741	Database Administration	
ISMM1-UC 742	Business Intelligence	
ISMM1-UC 761	Management of Risk and Quality	
ISMM1-UC 727	Design and Programming for the Web	
ISMM1-UC 731	Introduction to Cloud Computing	
ISMM1-UC 729	Mobile Application Development:	
ISMM1-UC 728	Programming Languages:	
Information Systems Management Electives		
Select an additional 16 credits from the above required courses, by advisement (one may be the following):		16
ISMM1-UC 7990	Spec Top in Information Systems Management	
Graduation Project		
Select one of the following by advisement:		4
ISMM1-UC 7991	Senior Project: Seminar Information Systems Management	
ISMM1-UC 7992	Senior Project: Internship (Information Systems Management)	
Total Credits		**128**

Sample Plan of Study

Course	Title	Credits
1st Semester/Term		
EXWR1-UC 7502	Writing Workshop I	4
Quantitative Reasoning		4
Historical Perspectives		4
ISMM1-UC 752	Systems Analysis	4
	Credits	**16**
2nd Semester/Term		
EXWR1-UC 7503	Writing Workshop II	4
MATH1-UC 1171 or MATH1-UC 1174	Precalculus or Calculus W/Applications to Business & Economics	4
ISMM1-UC 702	Database Design	4
ISMM1-UC 746	Fundamentals of Computing	4
	Credits	**16**
3rd Semester/Term		
MATH1-UC 1172	Statistical Methods	4
HUMN1-UC 6401	Critical Thinking	4
MKAN1-UC 5100	Cultural and Legal Implications of Digital Technology	4
ISMM1-UC 771	Management Info Systems	4
	Credits	**16**
4th Semester/Term		
ECON1-UC 301	Intro to Macroeconomics	4
ISMM1-UC 710	Project & Innovation Management	4
Global Perspectives		4
Literary & Artistic Expressions		4
	Credits	**16**
5th Semester/Term		
ECON1-UC 302	Intro to Microeconomics	4
Scientific Issues		4
Advanced Information Systems Management Course		4
Information Systems Management Elective		4
	Credits	**16**
6th Semester/Term		
Advanced Information Systems Management Course		4
Advanced Information Systems Management Course		4
Information Systems Management Elective		4
Liberal Arts Elective		4
	Credits	**16**
7th Semester/Term		
Advanced Information Systems Management Course		4
Information Systems Management Elective		4
Liberal Arts Elective		4
Liberal Arts Elective		4
	Credits	**16**
8th Semester/Term		
Advanced Information Systems Management Course		4
Information Systems Management Elective		4
Liberal Arts Elective		4
Graduation Project		4
	Credits	**16**
	Total Credits	**128**

Learning Outcomes

Upon successful completion of the program, graduates will:

1. Design, operate and evaluate competitive technology alternatives to meet corporate needs.
2. Explain the basic concepts of a specified computer technology.
3. Install, operate and maintain specified computer technology.
4. Apply specified computer technology accurately and appropriately in corporate settings.
5. Plan for disaster recovery and continuity of operations.
6. Explain changing trends in computer technology and their future impacts.
7. Identify the legal and ethical issues regarding the handling of data.

Policies

NYU Policies

University-wide policies can be found on the New York University Policy pages (https://bulletins.nyu.edu/nyu/policies/).

School of Professional Studies Policies

Additional academic policies can be found on the School of Professional Studies academic policy page (https://bulletins.nyu.edu/undergraduate/professional-studies/academic-policies/).