

# INFORMATION SYSTEMS MANAGEMENT (AAS)

Department Website (<https://www.sps.nyu.edu/homepage/academics/associate-degrees/aas-in-information-systems-management.html>)

**NYSED:** 27820 **HEGIS:** 5199.00 **CIP:** 11.9999

## Program Description

The Associate of Applied Science in Information Systems Management will prepare you to design, operate, and evaluate competitive technology alternatives to meet an organization's needs. You will learn the basic concepts of computer technology and how to apply it accurately and appropriately in workplace settings. You also will be introduced to changing trends in computer technology and their future impacts, as well as the legal and ethical issues regarding the handling of data.

The Associate of Applied 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 Associate of Applied 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.

## Admissions

New York University's Office of Undergraduate Admissions supports the application process for all undergraduate programs at NYU. For additional information about undergraduate admissions, including application requirements, see How to Apply (<https://www.nyu.edu/admissions/undergraduate-admissions/how-to-apply.html>).

## Program Requirements

The program requires the completion of 60 credits, comprised of the following:

| Course   | Title                                      | Credits |
|--|--|---------|
| <b>Major Requirements</b>  |  |         |
| Select seven courses, by advisement, from the following list of courses: |  | 28      |
| BUSN1-UC 504   | Business Organization & Management         |         |
| ECON1-UC 301   | Intro to Macroeconomics                    |         |
| ECON1-UC 302   | Intro to Microeconomics                    |         |
| ISMM1-UC 746   | Fundamentals of Computing                  |         |
| ISMM1-UC 702   | Database Design                            |         |
| ISMM1-UC 751   | Networking                                 |         |
| ISMM1-UC 771   | Management Info Systems                    |         |
| ISMM1-UC 752   | Systems Analysis                           |         |
| ISMM1-UC 790   | Spec Top in Information Systems Management |         |

### Writing

The following courses may be required based on a writing placement8-10 assessment, and should be successfully completed within the first three semesters:

|               |   |
|---------------|---|
| 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:

|                               |   |
|-------------------------------|---|
| 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         |   |
| SCNC1-UC 3215                | Biology of Hunger & Population |   |

### 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 |           |
| LITR1-UC 6209 Oral Traditions in Literature  |           |
| <b>Total Credits</b>                         | <b>60</b> |

**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/>).

**Sample Plan of Study**

| Course                   | Title                              | Credits   |
|--------------------------|------------------------------------|-----------|
| <b>1st Semester/Term</b> |                                    |           |
| EXWR1-UC 7502            | Writing Workshop I                 | 4         |
|                          | Quantitative Reasoning             | 4         |
|                          | Historical Perspectives            | 4         |
|                          | Literary and Artistic Expressions  | 4         |
|                          | <b>Credits</b>                     | <b>16</b> |
| <b>2nd Semester/Term</b> |                                    |           |
| EXWR1-UC 7503            | Writing Workshop II                | 4         |
|                          | Scientific Issues                  | 4         |
| ISMM1-UC 746             | Fundamentals of Computing          | 4         |
| ISMM1-UC 771             | Management Info Systems            | 4         |
|                          | <b>Credits</b>                     | <b>16</b> |
| <b>3rd Semester/Term</b> |                                    |           |
| HUMN1-UC 6401            | Critical Thinking                  | 4         |
|                          | Global Perspectives                | 4         |
| ISMM1-UC 702             | Database Design                    | 4         |
| ECON1-UC 301             | Intro to Macroeconomics            | 4         |
|                          | <b>Credits</b>                     | <b>16</b> |
| <b>4th Semester/Term</b> |                                    |           |
| ECON1-UC 302             | Intro to Microeconomics            | 4         |
| ISMM1-UC 752             | Systems Analysis                   | 4         |
| BUSN1-UC 504             | Business Organization & Management | 4         |
|                          | <b>Credits</b>                     | <b>12</b> |
|                          | <b>Total Credits</b>               | <b>60</b> |

**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. Explain changing trends in computer technology and their future impacts.
6. 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/>).