

## Information Management (INM)

The Information Management program is designed for students interested in transferring to a four-year baccalaureate-granting institution.

The program will provide students with a basic foundation in information systems, information technology and information management. It is recommended for transfer students planning to earn baccalaureate degrees in such programs of study as Computer Information Systems, Management Information Systems, Information Technology, Health Information Management, Security Information Management and Computer Networking.

The Associate in Science (A.S.) degree is awarded upon completion of this program.

Students who successfully complete the Associate in Science (A.S.) degree in Information Management (INM) will be able to:

- Critically discern the quality of data and identify the parameters and constraints of using, transmitting, securing and storage of data;
- Identify the scope, resources, timeline and critical tasks involved with project management;
- Select appropriate hardware and software to satisfy a particular business problem or opportunity including developing software solutions and utilizing existing available software with particular emphasis on database management software;
- Identify and mitigate the risks to data and design effective defenses for data storage and transmission.

Courses should be selected in consultation with an advisor.

### First Semester

Course No.	Descriptive Title	Credit Hours
ENG 101	Composition I	3
CIS 111	Computer Systems and Application	3
MAT Course (a)		3-4
CIS 112 or CIS 113 or CPS 141 (b)		3-4
BHS 103	Social Problems in Today's World	3
<b>TOTAL</b>		<b>15-17</b>

### Second Semester

Course No.	Descriptive Title	Credit Hours
ENG 102	Composition II	3
MAT Course (a)		3-4
Interest Area Course (c)		3
Interest Area Course (c)		3
General Education Course (d)		3
<b>TOTAL</b>		<b>15-16</b>

### Third Semester

Course No.	Descriptive Title	Credit Hours
CIS 212	Systems Analysis & Design	3
American History (Appendix D)		3
Interest Area Course (c)		3
ACC/BUS/CIS/ECO Course (e)		3
Science Course (f)		4
<b>TOTAL</b>		<b>16</b>

### Fourth Semester

Course No.	Descriptive Title	Credit Hours
CIS 213	Advanced Software Applications for Business	3
WFE 101	Lifetime Wellness and Fitness	3
Interest Area Course (c)		3
Interest Area Course (c)		3
Transfer Course (g)		3-4
Free Elective (h)		3-4
<b>TOTAL</b>		<b>18-20</b>
	<b>TOTAL CREDIT HOURS</b>	<b>64</b>

a. Students must select from MAT 110, MAT 118, MAT 184, MAT 185, MAT 214, MAT 210, MAT 221, MAT 222.

b. CIS 112, as an introductory programming course, is strongly recommended for most students. In particular, students undecided about choosing the Information Management degree or the Computer Information Systems degree should choose CIS 112. Students, with advisement, may opt to choose CIS 113 or CPS 141 for transfer purposes. Also, with permission of the program chairperson, the student may select one of the courses as an Interest Area elective.

c. Interest Area Course: Students must select five courses from the following list. Courses should be selected based on the requirements of the anticipated transfer school. Consult your advisor. See Advisement Note below. ACC 104, ACC 204, BUS 104, BUS 107, BUS 215, CIS 107 or CIS 108, CIS 114, CIS 117, CIS120, CIS 123, CIS 124, CIS 126, CIS 140, CIS 150, CIS 214, CIS 215, CIS 216, CIS 217, CIS 211, CIS 218 , CIS 223, CIS 226, CIS 227, CIS 228, CIS 233, CIS 235, CRJ 141, CRJ 261

d. Courses that meet the SUNY General Education requirement can be found here. Students should select a

course from a SUNY General Education subject area not met by another elective or required courses in the program.

e. ACC/BUS/CIS/ECO Course: Students must select one course from the following list. ACC 104, ACC 204, BUS 104, BUS 107, BUS 215, CIS 107, ECO 202, ECO 203. Courses should be selected based on the requirements of the anticipated transfer school, in consultation with an advisor.

f. Students must take a science course that fulfills the natural science general education requirement.

g. Any math course listed in note (a), ECO 201, ECO 202.

Advisement Note: Based upon the student's interest area (c), the following courses are recommended: (The courses listed in bold are strongly recommended)

Security Information Management: CIS 117, CIS 126, CIS 150, CIS 107, CIS 133, CIS 216, CIS 226, CRJ 141, CRJ 261

Management Information Systems: BUS 104, BUS 107, BUS 215, CIS 107 or CIS 108, CIS 140, CIS 150, CIS 216, CIS 217

Software Development Systems: CIS 114, CIS 214, CIS 215, CIS 126, CIS 226, CIS 227, CIS 235

Web Administration: CIS 107, CIS 120, CIS 228, CIS 126, CIS 226, CIS 233, ART 163, ART 263

Business Programming: CIS 123, CIS 211, CIS 124, CIS 223, CIS 227, CIS 233

Computer Networking: CIS 117, CIS 126, CIS 216, CIS 124, CIS 217, CIS 218, CIS 233

h. Students must fulfill New York State Higher Education required liberal arts and sciences credits by choosing courses from the General Education appendices.