ILLINOIS STATE UNIVERSITY
Information Technology
Associate in Science Degree
DEGREES AVAILABLE IN THIS SCHOOL: 1) **Information Systems**
2) **Computer Science**
3) **Network and Telecommunications Management**

The following is a list of courses that satisfy the **Associate in Science Degree** requirements here at Sauk Valley Community College as well as the lower division requirements for the **Bachelors Degree in a selected degree in the School of Information Technology** at Illinois State University. Students transferring without the AA or AS Degree may need to complete different general education courses.

GENERAL EDUCATION CORE CURRICULUM – 41-53 CREDITS

COMMUNICATIONS   **9 CREDITS**
#ENG 101, #ENG 103, SPE 131   #Effective 6/99, a grade of "C" or better is required.

MATHEMATICS   **6 - 8 CREDITS**
INFORMATION SYSTEMS: MAT 220 or 203; MAT 230
NETWORK: MAT 220 or 203; MAT 230 or 204
COMPUTER SCIENCE: MAT 203, 204; *Discrete mathematics at ISU*

HUMANITIES AND FINE ARTS   **9 CREDITS**
Select at least one course from *Humanities* and one course from *Fine Arts*.
Only one course noted with the same letter subscript can be used for Humanities/Fine Arts credit.
    Humanities
    LAN 202$_A$, 252$_A$, 262$_A$; ENG 160, 201, 203, 204, 212, *215$_B$*, 217, 225, 226, 227, 228, 230$_B$; PHL 101, 102, 103; *ENG 220$_C$, 221$_C$*, +PHL 104; HUM 150, 210, 211
    Fine Arts
    ART +118, 119, 120, 121$_D$, 122$_D$; MUS 150, 201; SPE 141; HUM 112; HUM 150, 210, 211

SOCIAL AND BEHAVIORAL SCIENCES   **9 CREDITS**
PSY 103 recommended for TELECOMMUNICATIONS
ECO 211 and 212 required for INFORMATION SYSTEMS and TELECOMMUNICATIONS

LIFE AND PHYSICAL SCIENCES   **7-15 CREDITS**
INFORMATION SYSTEMS and NETWORK: Select one course from Life Sciences and one course from Physical Sciences. One lab course is required (lab courses are in **bold type**).
    Life Sciences
    BIO **103**, 104, **105, 108**
    Physical Sciences
    CHE **101**, 102, **103, 105**; GSC **105**, 106, 115; PHY **175, 201, 211**
COMPUTER SCIENCE:
    Life Sciences: BIO 105
    Physical Sciences: (Select One Sequence): CHE 105 & 106 OR PHY 211 & 212
    Students will be required to complete additional science courses after transferring to ISU.

SVCC DEGREE REQUIREMENTS – 4 CREDITS
FIRST YEAR EXPERIENCE   **1 CREDIT**
PSY 100 or FYE 101

PERSONAL HEALTH AND DEVELOPMENT   **3 CREDITS**
SPE 161

MAJOR FIELD REQUIREMENTS – 12-20 CREDITS
BUS 214, **CIS 150, CIS 122 + CIS 207 and 208
    Information Systems: ACC 101, ACC 102, BUS 222
    Network: ACC 101, BUS 222
    ** SVCC prerequisite course for CIS 207; for students with limited computer programming experience.

Total: 64-66 credits

SEE REVERSE SIDE FOR IMPORTANT INFORMATION!

School of Information Technology at Illinois State University

Students may pursue one of the following Degree Programs:
- Computer Science
- Information Systems
  - Information Assurance (policy/technical aspects of information security)
  - Enterprise Computing Systems (Mainframe)
  - Systems Analyst
  - Web Application Development
- Telecommunications Management

Computer Science degree is offered for students seeking careers in developing engineering/scientific software systems, working for software companies, or in pursuing graduate studies in Computer Science. There is a sequence in General Computer Science and a sequence in Enterprise Computing Engineering. The Computer Science program is accredited by the Computing Accreditation Commission (CAC) of the Accreditation Board for Engineering and Technology (ABET). The **Information Systems** degree is offered for students seeking a career in the development of systems for businesses and other organizations. The Information Systems program is accredited by the Computing Accreditation Commission (CAC) of the Accreditation Board for Engineering and Technology (ABET). The Network and **Telecommunication Management** degree appeals to students who are interested in designing and administering computer networks (both wired and wireless) and telecommunication systems.

Refer to the following website for more information: http://it.illinoisstate.edu/undergraduate/majors/

***A minor is not required. However, it is suggested for scheduling purposes at ISU that students pursue a minor in Business Administration.

The School of Information Technology (ITK) strongly recommends that students planning to transfer to ISU and enter the School of Information Technology focus on completion of either the General Education Core Curriculum (GECC) or, completion of the Associate in Science degree. *It is helpful for students to complete some computer programming courses while in the process of completing general education requirements, but not required.*

Since this is a highly structured major and most courses have prerequisites, transfer students should expect at least 5 semesters at ISU after transfer. Students are strongly encouraged to meet with an ITK Advisor from ISU during their first year at SVCC. Students may wish to transfer to ISU prior to completion of the Associate in Science degree upon the recommendation of their ISU Advisor.

Special Note
For transfer students, a minimum CGPA of 2.2 (Computer Science 2.3) is required for admission to the School of Information Technology.

+ All students must complete **ONE** course in Global Studies to satisfy ISU graduation requirements. See front page for course selection.

For additional information, contact:

Lisa Walker, ITK Advisor
(309) 438 – 5186, lkwalte@ilstu.edu

Visit the ACS department on the web at: http://www.itk.ilstu.edu

STUDENTS ARE RESPONSIBLE FOR FINAL COURSE ARTICULATION.