

Southern Illinois University- Carbondale
AAS in Computer Information Systems (Programming Option)
to BS in Information Systems Technologies
(2011-2012 Catalog)

Southern Illinois University

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MCC and SIUC have entered into a Program Articulation Agreement between the AAS in Computer Information Systems (Programming Option) and the BS in Information Systems Technologies. The agreement takes full advantage of SIUC's Capstone Option, making it possible for completion of the bachelor's degree in 60 hours beyond the AAS degree.

Information Systems Technology is a baccalaureate degree major designed to prepare students for careers in work settings that rely on computerized information technologies. Graduates will have good computer application skills as well as an understanding of the principles of organizations and systems, including an awareness of technological, economic, political, social, and cultural factors. Career opportunities are found in banks, credit unions, insurance companies, manufacturing operations, hospitals, government offices, social service agencies, any work setting where there are computers.

SIUC offers the IST major related coursework through online delivery, as well as in the classroom.

Admission

A McHenry County College graduate receiving an AAS in Computer Information Systems – Programming Option will be accepted for the Capstone Option and admission to SIUC's Information Systems Technologies program, depending on space availability, if the following are met:

- Completion of SIUC undergraduate admissions application and admission to the University
- Completion of SIUC Capstone Application
- Completion of a minimum of 60 transferable credit hours to SIUC
- Minimum cumulative 2.5 GPA on all accredited work received prior to the awarding of the AAS degree as calculated by SIUC
- Completion of at least 15 credit hours of transferable SIUC University Core Curriculum credit, as noted on the second page of this guide
- Completion of the major related courses specified on the second page of this guide.

A McHenry County College graduate receiving an AAS in Computer Information Systems – Programming Option, but not meeting Capstone Option requirements, will be admitted into the program if:

- SIUC entrance requirements are met
- Space is available
- Selective admission criteria is met

These students may require more than 60 semester hours to complete the IST degree.

Note: SIUC's Individualized Two Plus Two Program allows baccalaureate oriented freshman students at community colleges to benefit from pre-advisement through SIUC for a chosen major at SIUC. See an MCC advisor for more information.

Education Plan

AAS in Computer Information Systems		
The following courses satisfy MCC's AAS in Computer Information Systems degree and requirements to be considered for admission to SIUC's Capstone Program for the BS in Information Systems Technologies.		
General Education Core	Credit Hours	Courses
Communications	6	____ ENG151 Composition I (grade of "C" or better) ____ SPE151 Introduction to Speech
Mathematics, Physical or Life Sciences Mathematics or Physical Sciences or Life Sciences	3	____ Select 1 course from following: MAT120, 150, 158, 161, 165, 170, 171, 175, 220, 245, 253, 255, 260 or CHM115, 164, 165, 166, 170, 265, 266; EAS120, 170, 171, 180, 185; *GEG101, GEL101+103; PHY280, 281, 291, 292, 293 or BIO105, 110, 130, 137, 157, 158, 255; *GEG220; HRT103
Social & Behavioral Sciences	3	____ Select 1 course from following: ANT151, 155, 160, 170, 260; ECO150, 251, 252; GEG202, 203, 204; HIS165, *170, 171, 172; PLT150, 151, 155, 160, 251, 255, 261; PSY151, 250, 251, 255, 260, 265; *SOC101, 151, 251, *260
Humanities & Fine Arts	3	____ Select 1 course from following: ART151, 153, 155, 165, 175, 253, 171, 172, 173; ENG 240, 250, 251, 253, 254, 255, 256, 260, 261, 270, 271, 272, *275, 276; HUM150; JRN180; PHI 151, 155, *160, 240, 251, *261; MUS151, 153, *154, 171, 172; FRE252; GER252; SPA 252; THE 151
Business Core	6	(3) BUS 145 Business Applications of Mathematics (3) BUS 150 Intro to Business
Business Core Electives	4	ACC151 Financial Accounting For the additional 1 credit requirement, choose from courses listed in the catalog with prefix ACC, AOM, BUS, MGT, and MKT
CIS Program Core	23	(2) AOM 131 Intro to Windows Spreadsheet Applications (2) CIS 110 Computer Literacy (3) CIS 117 Intro to Programming (2) CIS 118 Intro to Windows (1) CIS 125 Computer Ethics (2) CIS 132 Intro to Database Systems (2) CIS 133 Intermediate Database Systems (2) CIS 143 Intro to UNIX (3) CIS 155 Network Essentials (2) CIS 180 Computer Security Awareness (2) CIS 250 Internship in CIS
Programming Option	9	(3) CIS 148 Intro to Java Programming (3) CIS 211 Intermediate Programming (3) CIS 275 Systems Design
Programming Option Electives	8	(2) CIS 116 PC Operating Systems & Hardware (2) CIS 145 Internet Technologies (2) CIS 146 Intro to Web Page Programming (2) CIS 232 Advanced Database Systems (3) CIS 248 Intermediate JAVA Programming (1-4) CIS 290 Topics in CIS
Total Degree Credits	65	

* The following IAI GECC articulated courses fall into a different SIUC general education core area. Students will need to speak with their SIUC advisor for adjustment: ENG275; HIS170; GEG101, 220; MUS154; PHI160, 261; SOC101, 260.