

Springfield College

Undergraduate Program Advising Checksheet

Catalog Year: For students admitted to SC 2008-2009

Major: **COMPUTER AND INFORMATION SCIENCES**

Name: _____

(120 total credits)

ID #: _____

Part I of this checksheet outlines General Education course requirements customized for your major.

Part II lists specific course requirements for your major.

Part III is space to record elective courses you choose. If applicable, this section includes courses taken for a minor or teacher preparation program.

GUIDELINES FOR USING THIS CHECKSHEET

1. Keep this checksheet as a record of your progress toward graduation; update it at the conclusion of each semester. After completing a course, mark the grade you received, the semester (for example, F08 or SP09), and the credits earned.
2. Bring the updated checksheet with you to each advising session. It is your responsibility to keep track of your progress and to be familiar with the requirements of your program.
3. Your advisor may wish to keep a second copy of your updated checksheet for his or her records.
4. If you change your major, you will need a new checksheet for that major. If you intend to complete a minor, those requirements can be listed in the elective section of this checksheet. If you are in a teacher preparation program, you may need a special checksheet which includes your education requirements.
5. You can also use this checksheet to record approved transfer, AP, or CLEP exam credit. Note that the residency policy requires you to complete a minimum of 60 credits of coursework (including 15 of your last 30 credits) at SC.
6. If you have questions about your requirements or your progress toward graduation, contact your advisor or department chair. General questions about college policies, procedures, or graduation requirements may also be directed to the Office of the Registrar, 413/748-3530 or the Office of Academic Advising, 413/748-3379.

Information in this document is subject to change.

Students must ensure that a minimum of 120 credits are completed in order to graduate.

My major advisor is:

(If applicable) My second or education advisor is:

Name: _____

Name: _____

Phone: _____

Phone: _____

Office location: _____

Office location: _____

E-mail: _____

E-mail: _____

ADVISING NOTES AND QUESTIONS

Date:

Note, question, or concern:

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Part I - General Education Requirements (40 - 46 credits)

All students must complete a minimum of 40 credit hours of General Education coursework to graduate.

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Course	Title	Credits	Grade	Sem/Yr	Course	Title	Credits	Grade	Sem/Yr
I. Competencies <i>(overlap* does not apply)</i>					II. Domains of Knowledge and Understanding (continued)				
1. College Writing (6 credits)					3. Social Sciences (6 credits - one course from each category)				
ENGL 113	College Writing I	3			A. Historical/Cultural Studies				
ENGL 114	College Writing II	3					3		
2. Writing Across the Curriculum <i>(embedded**)</i> (two courses)					B. Behavioral and Social Sciences				
CISC 482	Computer Systems Sem.	NA					3		
ENGL 302	Business & Tech. Writing	NA			4. International/Multicultural Studies (3-6 credits depending upon option selected)				
3. Computer Applications (3 credits)							3		
CISC 175	Intro. CS w/C++ & JAVA	3					3		
4. Information Literacy <i>(embedded**)</i>					5. Social Justice (3 credits)				
		NA					3		
II. Domains of Knowledge and Understanding <i>(overlap* can apply)</i>					6. Physical Education (6 credits - three credits from each category)				
1. Arts and Humanities (9 credits - one course from each category)					A. Health & Wellness				
A. Literary Studies					HLTH 100	Wellness, A Way of Life	3		
		3			B. Physical Activity				
B. Visual/Performing Arts							.5		
		3					.5		
C. Spiritual & Ethical Dimensions							.5		
		3					.5		
2. Analytical and Natural Sciences (6-7 credits - one course from each category)							.5		
A. Quantitative Reasoning					APPROVED GENERAL EDUCATION MODIFICATIONS (if necessary):				
<i>MATH 131 or 140, depending on concentration selected:</i>					Requirement	Modification	Date		
		3							
B. Natural Sciences									
		4							

Total General Education Credits:
(excluding NA)

Definition of Terms:

- * Overlap:** An overlap course satisfies both a *Domains of Knowledge and Understanding* category and a major requirement. A maximum of 3 courses can overlap. Credit for an overlap course is only counted as part of General Education.
- ** Embedded:** Embedded competencies are met through courses taken as part of the major, or another General Education category. Credit for an embedded course is not counted as part of the General Education program.
- Shaded Lines with NA credits:** A shaded line indicates a course that also fills another requirement. Credits only count once, in the primary area. "NA" (not applicable) is marked for credit in the secondary area.
- Italics:** Italics indicate a General Education course that fulfills two General Education categories (a double-dip). Credit is only counted once, for one category.

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Part II - Major Requirements

Major: **COMPUTER AND INFORMATION SCIENCES**

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CORE REQUIREMENTS (24 cr., plus those taken as GenEds)

Course	Title	Credits	Grade	Sem/Yr
CISC 105	Intro to Computer Concepts	3		
CISC 115	Microcomputer Applications	3		
CISC 175	Intro Comp. Sci. w/ C++ & Java	NA		
CISC 235	Computer Logic Design	3		
CISC 275	Data Structures Using C++	3		
CISC 315	Database Development & Mgt.	3		
CISC 482	Computer Systems Seminar	3		
ENGL 302	Business & Technical Writing	3		
MATH 235	Discrete Mathematics I	3		

B. Software Development (21 cr., plus those taken as GenEds)

Course	Title	Credits	Grade	Sem/Yr
CISC 165	Programming in BASIC	3		
CISC 280	Object-Oriented Prog. w/Java	3		
CISC 375	Computer Architecture	3		
CISC 410	Fund. of Operating Systems	3		
MATH 140	Calculus I	NA		
MATH 142	Calculus II	3		
MATH 310	Linear Algebra	3		
MATH 335	Discrete Math II	3		

CONCENTRATION REQUIREMENT (18 - 28 cr., plus those taken as GenEds)

Select **one** of the following concentrations:

A. Information Systems (18 cr., plus those taken as GenEds)

Course	Title	Credits	Grade	Sem/Yr
CISC 215	COBOL & File Processing	3		
CISC 255	Data Comm. & Distributed Process	3		
CISC 316	Adv. Database Develop & Mgmt	3		
CISC 320	Systems Analy. & Software Design	3		
MATH 120	Business Mathematics	3		
MATH 131	Intro to Calculus w/ Applications	NA		
MATH 215	Probability & Statistics	3		

C. Game Programming (28 cr., plus those taken as GenEds)

Course	Title	Credits	Grade	Sem/Yr
ARTS/CISC 103	Studio in Computer Graphics	3		
ARTS 231	3D Animation	3		
ARTS 233	3D Video Game Design	3		
CISC 280	Object-Oriented Prog. w/Java	3		
CISC 420	Software Eng. For Game Program.	3		
MATH 140	Calculus I	NA		
MATH 142	Calculus II	3		
MATH 310	Linear Algebra	3		
MATH 335	Discrete Math II	3		
PHYS 210	General Physics I	4		

Total Major Credits:
(excluding NA)

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