

Springfield College

Undergraduate Program Advising Checksheet

Catalog Year: For students admitted to SC 2007-2008

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, F07 or SP08), 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 insure 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

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
I. Competencies <i>(overlap* does not apply)</i>				
1. College Writing (6 credits)				
ENGL 113	College Writing I	3		
ENGL 114	College Writing II	3		
2. Writing Across the Curriculum <i>(embedded**)</i> (two courses)				
CISC 482	Computer Systems Sem.	NA		
ENGL 302	Business & Tech. Writing	NA		
3. Computer Applications (3 credits)				
CISC 175	Intro. CS w/C++ & JAVA	3		
4. Information Literacy <i>(embedded**)</i>				
		NA		
II. Domains of Knowledge and Understanding <i>(overlap* can apply)</i>				
1. Arts and Humanities (9 credits - one course from each category)				
A. Literary Studies				
		3		
B. Visual/Performing Arts				
		3		
C. Spiritual & Ethical Dimensions				
		3		
2. Analytical and Natural Sciences (6-7 credits - one course from each category)				
A. Quantitative Reasoning				
MATH 131 OR MATH 140	Calculus with Applications Calculus I	3		
B. Natural Sciences				
		4		

Course	Title	Credits	Grade	Sem/Yr
II. Domains of Knowledge and Understanding (continued)				
3. Social Sciences (6 credits - one course from each category)				
A. Historical/Cultural Studies				
		3		
B. Behavioral and Social Sciences				
		3		
4. International/Multicultural Studies (3-6 credits depending upon option selected)				
		3		
		3		
5. Social Justice (3 credits)				
		3		
6. Physical Education (6 credits - three credits from each category)				
A. Health & Wellness				
HLTH 100	Wellness, A Way of Life	3		
B. Physical Activity				
		.5		
		.5		
		.5		
		.5		
		.5		
		.5		
APPROVED GENERAL EDUCATION MODIFICATIONS (if necessary):				
Requirement	Modification	Date		

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

Name: _____

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CORE REQUIREMENTS

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 24 cr.

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	3		
MATH 142	Calculus II	3		
MATH 310	Linear Algebra	3		
MATH 335	Discrete Math II	3		

CONCENTRATION REQUIREMENTS

In addition, select **one** concentration.

A. Information Systems 24 cr.

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	3		
MATH 215	Probability & Statistics	3		

C. Game Programming 31 cr.

Course	Title	Credits	Grade	Sem/Yr
ARTS 231	3D Animation	3		
ARTS 233	3D Video Game Design	3		
ARTS/CISC 103 ¹	Studio in Computer Graphics	3		
CISC 280	Object-Oriented Prog. w/Java	3		
CISC 420	Software Eng. For Game Program.	3		
MATH 140	Calculus I	3		
MATH 142	Calculus II	3		
MATH 310	Linear Algebra	3		
MATH 335	Discrete Math II	3		
PHYS 210 ¹	General Physics I	4		

Total Major Credits: (excluding NA)	
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Part III - Elective Courses and Programs (inclusive of courses comprising a Minor or Specialization)

Major: Computer and Information Sciences

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FREE ELECTIVES

Course	Title	Credits	Grade	Sem/Yr

MODIFICATIONS TO MAJOR REQUIREMENTS		
<i>An approved Request for Waiver or Substitution Form must be on file in the Office of the Registrar for each waiver or substitution.</i>		
Requirement	Modification	Date Filed

Minor (optional): _____

Course	Title	Credits	Grade	Sem/Yr

Total Elective Credits: (excluding NA)	
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