

Springfield College

Undergraduate Program Advising Checksheet

Catalog Year: For students admitted to SC 2006-2007

Major: COMPUTER AND INFORMATION SCIENCES

Name: _____

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, F06 or SP07), 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 | 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): | | | | |
| MATH 235 | Discrete Mathematics | 3 | | | Requirement | Modification | Date | | |
| 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

| 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 | NA | | |

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 115 | College Algebra | 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' | 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' | General Physics I | 4 | | |

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|--|--|
| 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**

Name: _____

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ID# _____

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FREE ELECTIVES

| Course | Title | Credits | Grade | Sem/Yr |
|--------|-------|---------|-------|--------|
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| MODIFICATIONS TO MAJOR REQUIREMENTS | | |
|---|--------------|------------|
| An approved Request for Waiver or Substitution Form must be on file in the Office of the Registrar for each waiver or substitution. | | |
| Requirement | Modification | Date Filed |
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Minor (optional): _____

| Course | Title | Credits | Grade | Sem/Yr |
|--------|-------|---------|-------|--------|
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|---|--|
| Total Elective Credits: (excluding NA) | |
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