

# Springfield College

## Undergraduate Program Advising Checksheet

Catalog Year: For students admitted to SC 2007-2008

Major: **Biology**

(120 total credits)

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, 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:**

Name: \_\_\_\_\_

Phone: \_\_\_\_\_

Office location: \_\_\_\_\_

E-mail: \_\_\_\_\_

**(If applicable) My second or education advisor is:**

Name: \_\_\_\_\_

Phone: \_\_\_\_\_

Office location: \_\_\_\_\_

E-mail: \_\_\_\_\_

### ADVISING NOTES AND QUESTIONS

Date:

Note, question, or concern:

# Springfield College Undergraduate Program Advising Checksheet

## 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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ID# \_\_\_\_\_

Course	Title	Credits	Grade	Sem/Yr
<b>I. Competencies</b> <i>(overlap* does not apply)</i>				
<b>1. College Writing</b> (6 credits)				
ENGL 113	College Writing I	3		
ENGL 114	College Writing II	3		
<b>2. Writing Across the Curriculum</b> (embedded**) (two courses) (possibly fulfilled depending on selective chosen)				
		NA		
		NA		
<b>3. Computer Applications</b> (3 credits)				
		3		
<b>4. Information Literacy</b> (embedded**)				
		NA		
<b>II. Domains of Knowledge and Understanding</b> <i>(overlap* can apply)</i>				
<b>1. Arts and Humanities</b> (9 credits - one course from each category)				
A. Literary Studies				
		3		
B. Visual/Performing Arts				
		3		
C. Spiritual & Ethical Dimensions				
		3		
<b>2. Analytical and Natural Sciences</b> (6-7 credits - one course from each category)				
A. Quantitative Reasoning				
Math Selective		3		
B. Natural Sciences				
BIOL 121	Bioscience Lecture	3		
BIOL 123	Bioscience Lab	1		

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

<b>Total General Education Credits:</b> (excluding NA)
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**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: **Biology**

Name: \_\_\_\_\_

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ID# \_\_\_\_\_

**CORE REQUIREMENTS:**

Course	Title	Credits	Grade	Sem/Yr
BIOL 121	Bioscience I	NA		
BIOL 123	Bioscience I Lab	NA		
BIOL 122	Bioscience II	3		
BIOL 124	Bioscience II Lab	1		
CHEM 121	General Chemistry I	3		
CHEM 123	General Chemistry I Lab	1		
CHEM 122	General Chemistry II	3		
CHEM 124	General Chemistry II Lab	1		
CHEM 221	Organic Chemistry I	3		
CHEM 223	Organic Chemistry I Lab	1		
CHEM 222	Organic Chemistry II	3		
CHEM 224	Organic Chemistry II Lab	1		
PHYS 210	General Physics I	4		
PHYS 211	General Physics II	4		

**RELATED REQUIREMENTS**

**(Select two. One satisfies Gen.Ed.):**

MATH 125	Precalculus Mathematics			
MATH 131	Intro Calculus with applications			
MATH 140	Calculus I			
MATH 142	Calculus II			
MATH 215	Probability and Statistics			
<b>Selections:</b>	<b>(Gen. Ed.)</b>	<b>NA</b>		
		<b>3</b>		

**REQUIRED CONCENTRATION**

**24-32**

Select one concentration from the choices noted and complete all courses listed within the concentration. See next page for selective lists.

**Comprehensive Biology Concentration**

BIOL 250	Human Structure /Function I	3		
BIOL 252	Human Structure /Function I Lab	1		
BIOL 251	Human Structure/Function II	3		
BIOL 253	Human Structure/Function II Lab	3		
BIOL 270	Plant Biology	3		
BIOL 271	Plant Biology Lab	3		
BIOL 280	Genetics	3		
BIOL 281	Genetics Lab	1		

Three additional courses and labs from Selective Group A, B, C, or D:


**CONCENTRATIONS choices continued:**

Course	Title	Credits	Grade	Sem/Yr
<b>Cell Molecular Biology Concentration</b>				
BIOL 280	Genetics	3		
BIOL 281	Genetics Lab	1		
BIOL 408	Cell Biology	3		
BIOL 409	Cell Biology Lab	1		
BIOL 420	Cellular Physiology	3		
BIOL 421	Cellular Physiology Lab	1		
BIOL 315	General Microbiology	3		
BIOL 317	General Microbiology Lab	1		

Three additional courses and labs from Selective Group A, B, C, or D:


**Biochemistry Concentration**

CHEM 331	Biological Chemistry	3		
CHEM 341	Analytical Chemistry	2		
CHEM 342	Analytical Chemistry Lab	2		
CHEM 351	Physical Chem/Bio Apps.	3		
CHEM 352	Physical Chem/Bio Apps. Lab	1		

Two additional courses and labs from Selective Group A:


Two additional courses and labs from Selective Group A, B, or C:


**Environmental Concentration**

BIOL 260	General Ecology	3		
BIOL 261	General Ecology Lab	1		
BIOL 315	General Microbiology	3		
BIOL 317	General Microbiology Lab	1		

Five additional courses and labs from Selective Group C:


<b>Total Major Credits:</b> <b>(excluding NA)</b>	
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