



## 2007-2008 Career Planning Guide

# BIOLOGICAL SCIENCE PRE-MAJOR

## Spokane Community College/Spokane Falls Community College

**Spokane Community College**  
1810 North Greene Street  
Spokane, Washington 99217-5399  
[www.scc.spokane.edu](http://www.scc.spokane.edu)

**Completion Award:** A.A. Degree, A.S.T. Degree

**Start:** Fall, Winter, Spring, Summer

**Spokane Falls Community College**  
3410 West Fort George Wright Drive  
Spokane, Washington 99224-5288  
[www.spokanefalls.edu](http://www.spokanefalls.edu)

**Tuition and Fees:** <http://www.ccs.spokane.edu/fees.html>

**PROGRAM WEBSITE:** <http://www.scc.spokane.edu/?scibiol>

### Program Description

The life science department offers courses in the fields of environmental biology, general biology, anatomy and physiology, nutrition, microbiology, botany and zoology. These courses allow students to investigate the scientific world either as a major area of study, part of the liberal arts curriculum or just to satisfy a curiosity.

There are positions in a wide variety of areas for biologists such as teachers, college and university researchers, naturalists and company and government agency environmentalists. Currently, however, there is a surplus of applicants for nearly all positions and competition is keen. Relocation is a probable aspect of job finding.

### Course of Study

1. Complete A.S.T. degree requirements as listed on back, or consult a college counselor/adviser for A.A. degree requirements.
2. Carefully check the foreign language requirements of the college to which you plan to transfer. If possible, complete these requirements while enrolled at the community college.
3. Completion of recommended courses in a pre-major for transfer does not necessarily assure a student admission to a four-year institution or a specific program.
4. Suggested courses in your program of study that you should consider completing while in attendance at Community Colleges of Spokane.

				Credits					Credits
A-P	242	Human Anatomy and Physiology	5	CHEM	203	Principles of Organic Chemistry <sup>2</sup> <b>and</b>			
A-P	243	Human Anatomy and Physiology	5	CHEM	213	Organic Chemistry Laboratory <sup>2</sup> <b>or</b>			
BIOL	100	Environmental Biology <sup>1</sup>	5	PHYS	103	General Physics			5
BIOL	101	General Biology	5	ECOL	101	Environmental Science <sup>2</sup>			5
BOT	111	Botany: Plant Structure and Function	5	MATH	111	Pre-Calculus I			5
BOT	112	Botany: Survey of the Plant Kingdom	5	MATH	112	Pre-Calculus II			5
CHEM	141	Advanced General Chemistry	5	MBIOL	231	General Microbiology			5
CHEM	142	Advanced General Chemistry	5	NUTRI	251	Nutrition			5
CHEM	143	Advanced General Chemistry	5	ZOOL	121	Invertebrate Zoology			5
CHEM	201	Principles of Organic Chemistry <sup>2</sup> <b>and</b>		ZOOL	122	Vertebrate Zoology			5
CHEM	211	Organic Chemistry Laboratory <sup>2</sup> <b>or</b>							
PHYS	101	General Physics	5						
CHEM	202	Principles of Organic Chemistry <sup>2</sup> <b>and</b>							
CHEM	212	Organic Chemistry Laboratory <sup>2</sup> <b>or</b>							
PHYS	102	General Physics	5						

<sup>1</sup> Course offered at SCC only.

<sup>2</sup> Course offered at SFCC only.

### College Transfer Information

While students attend college for a variety of reasons, most attend for the purpose of acquiring the knowledge and skills needed for entering a particular field of work, occupation or profession.

Because the first two years of college are frequently spent meeting general college or university requirements, many options are available to students who plan to complete their freshman and sophomore years at SCC or SFCC.

Students should always check the requirements of the four-year institution from which they intend to graduate. Careful planning is necessary, as transferability of specific courses or programs is determined solely by the college to which the student transfers. Transfer guides, available in counseling centers at SCC and SFCC, should be consulted by all students planning to transfer.

Students who have not made a decision regarding a transfer institution should follow the Community Colleges of Spokane requirements for the associate of arts degree. These requirements will satisfy most of the general course requirements for graduation from other institutions. Requirements for the associate of arts degree and a complete listing of courses available will be found in the college catalog.

### Counseling Services

Educational, vocational and personal counseling services are available to all students through the counseling centers at SCC or SFCC. Students may obtain professional counseling services prior to registration to plan their program of study. In addition, faculty advisers are assigned to each student to provide further assistance during the year.

**ASSOCIATE OF SCIENCE TRANSFER (A.S.T.) DEGREE REQUIREMENTS:  
BIOLOGICAL SCIENCES, ENVIRONMENTAL/RESOURCE SCIENCES, CHEMISTRY,  
GEOLOGY, AND EARTH SCIENCE**