

## Santa Rosa Junior College Computer & Information Sciences

### Computer Science Major

The Computer Science major for the SRJC Associate Degree program was approved by the Chancellor's Office in September 2002. The major is designed to meet the lower division requirements for a 4-year degree in Computer Science. It includes both computer science fundamentals and mathematical foundations.

### Coursework

<p>Required:</p> <p>CIS10A □ 3 units          CIS10B □ 3 units          CIS11 ■ 4 units          CIS22 ■ 4 units          MATH4 ■ 4 units          MATH1A □ 5 units          MATH1B □ 5 units</p> <p>One of the following CIS courses:          CIS50.71 □ 3 units          CIS17 ■ 3 units</p>	<p>Two of the following Math/Physics courses:</p> <p>MATH2A ■ 3 units          MATH5 ■ 3 units          MATH15 ■ 4 units          PHYS4A ■ 4 units          PHYS4B ■ 4 units          PHYS4C ■ 4 units</p>
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### Sample Schedules

A typical schedule might be as follows:

Semester 1	Semester 2	Semester 3	Semester 4
CIS10A Math 1A Math 4	CIS10B CIS17 or CIS50.71 Math 1B	CIS11 CIS22 Math/Physics Selection 1	Math/Physics Selection 2

A student with inadequate mathematics preparation can still finish in 4 semesters:

Semester 1	Semester 2	Semester 3	Semester 4
CIS10A Math 27	CIS10B Math 1A Math 4	CIS17 or CIS50.71 Math 1B Math/Physics Selection 1	CIS11 CIS22 Math/Physics Selection 2

A student with even less mathematics preparation can finish in 4 semesters, but with difficulty:

Semester 1	Semester 2	Semester 3	Semester 4
Math 155	CIS10A Math 27	CIS10B Math 1A Math 4 CIS17 or CIS50.71	Math 1B CIS11 CIS22 Math/Physics Selection 1 Math/Physics Selection 2