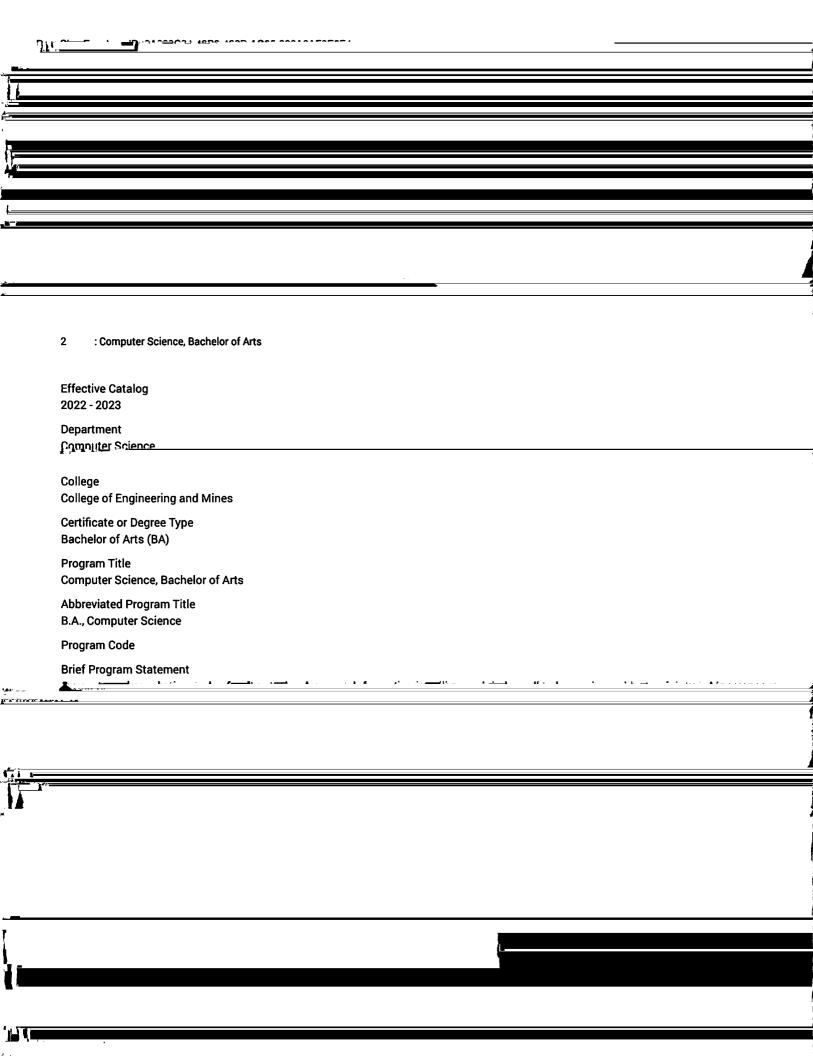


# In Workflow 1. CS Chair (jdgenetti@alaska.edu) 2. EM Curriculum Chair (swkim@alaska.edu) 3. EM Dean (weschnabel@alaska.edu) 4. Faculty Senate Coordinator (jjruge@alaska.edu; aclindsoe@alaska.edu)

- 5. UCRC Admin (pwestley@alaska.edu; zjones@alaska.edu; aclindsoe@alaska.edu; rhpike2@alaska.edu)
- 6. UCRC Sort (rhpike2@alaska.edu; jjruge@alaska.edu; aclindsoe@alaska.edu)
- 7. CRC Team A1 (pdoak@alaska.edu)
- 8. Undergrad Curriculum Committee Chair (pwestley@alaska.edu; zjones@alaska.edu)
- 0 Englity Sanata Provident (aimildforme@alacke adu)



: Computer Science, Bachelor of Arts

**Computer Science Program Requirements** 

CS F201	Computer Science I	3
CS F202	Computer Science II	3
CS F241	Computer Hardware Concepts	4
CS F301	Assembly Language Programming	3
CS F311	Data Structures and Algorithms	3
CS F321	Operating Systems	3
CS F331	Programming Languages	3
CS F371	Computer Ethics and Technical Communication	3
CS F372	Software Construction	3
CS F441	System Architecture	3-4
or EE F443	Computer Engineering Analysis and Design	
CS F471	Senior Capstone I	3
CS F472	Senior Capstone II 1	3
Electives in computer science at the F300 or F400 level, or approved electives.		

Fulfills the baccalaureate capstone requirement.

Sample course of study and a 3-Year Cycle of course offerings

#### **Program Goals**

Brief identification of objectives and subsequent means for their evaluation

Relationship of program objectives to "Purposes of the University"

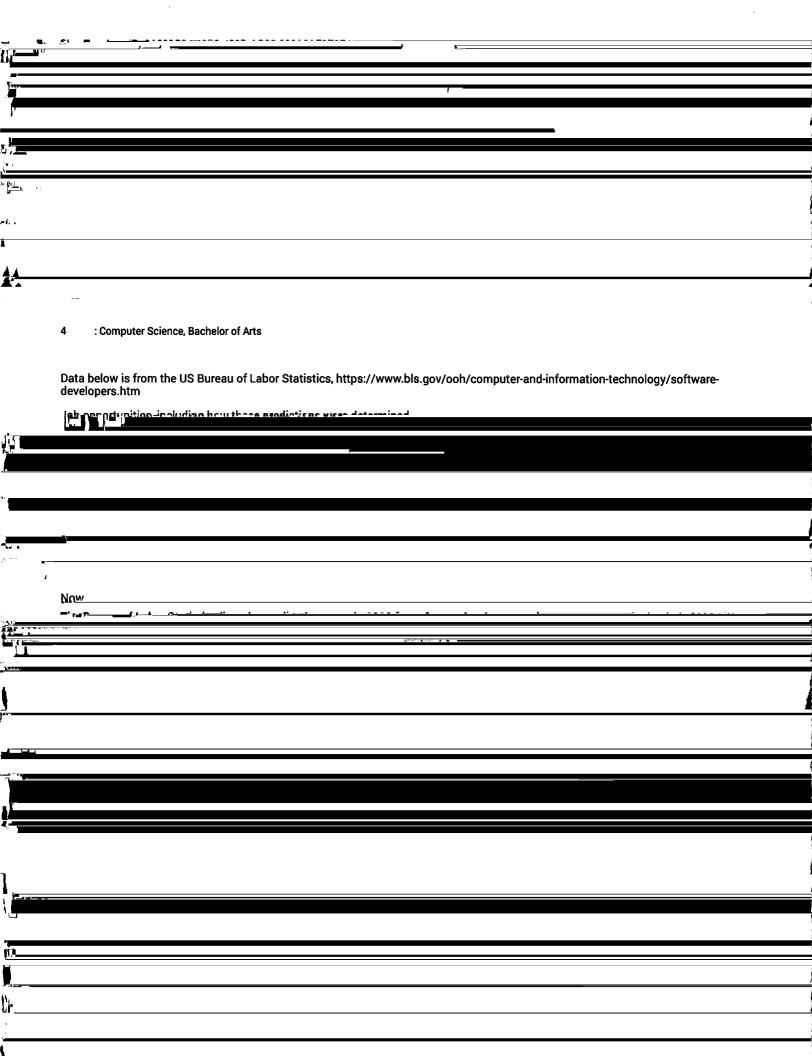
Occupational/other competencies to be achieved

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Personnel directly involved with program

#### **Enrollment Information**

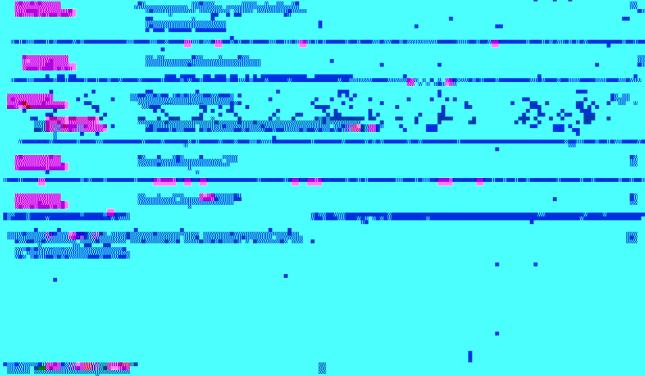
Projected enrollment/present enrollment



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	: Computer Science, Bachelor of Arts 5
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	This program is modeled after UAA's BA in CS program, and is designed to bring the UAA and UAF computer science offerings closer
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## Prospectus for Computer Science (CS) Bachelor of Arts (BA) Degree Program University of Alaska Fairbanks

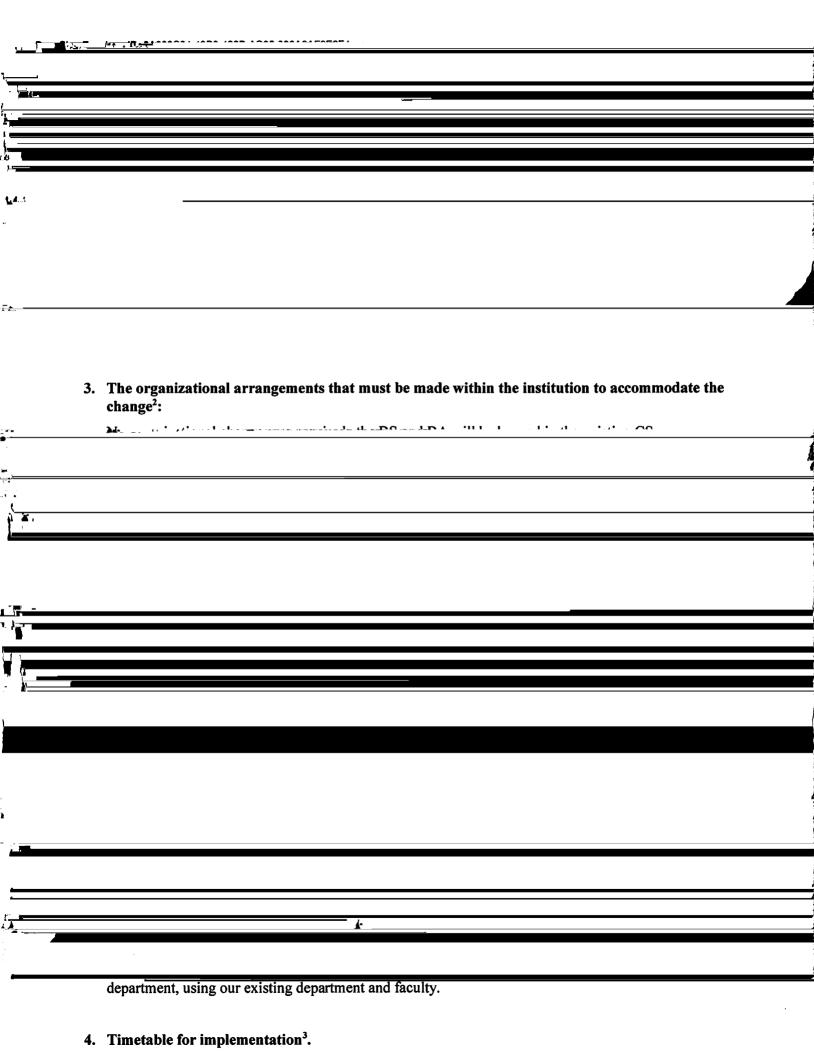


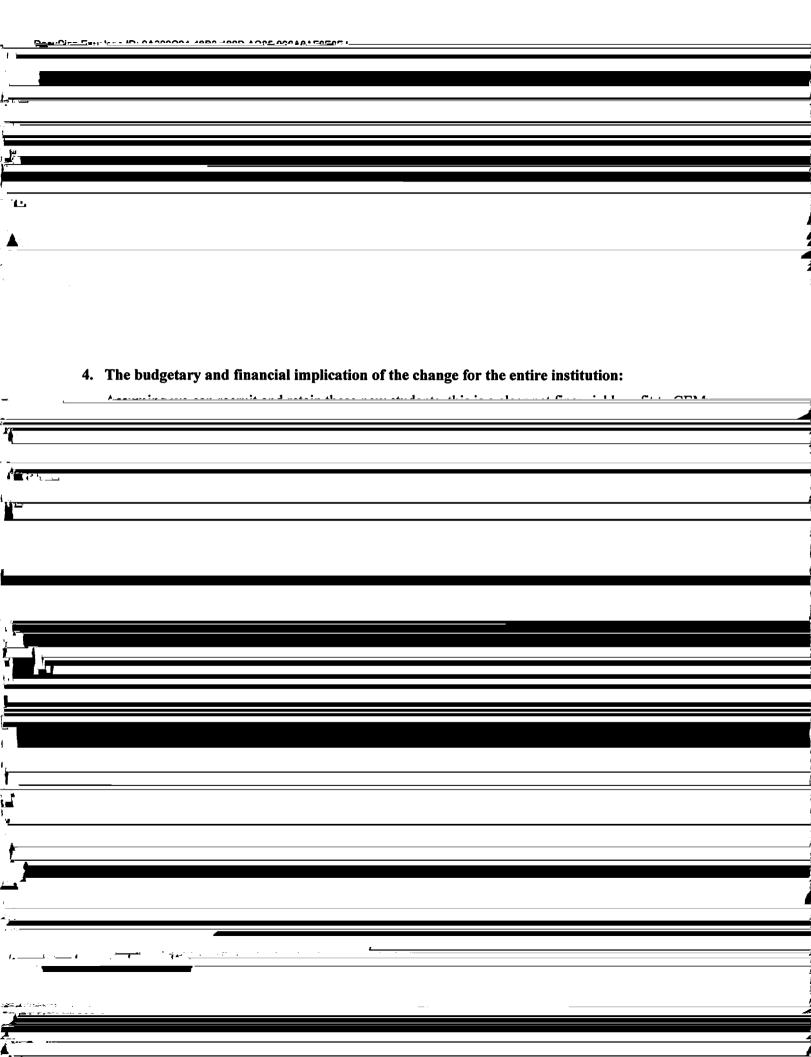


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В	rie	ef	ly:

	• We include limited coursework in mathematics up to calculus level, which students use to
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14	
·	<ul> <li>CS 201 (Computer Science I), 202 (Computer Science II), and 311 (Data Structures and Algorithms) are an introduction to professional-quality computer programming in C++, starting from simple loops and progressing to templated data structures.</li> <li>The computer architecture sequence of CS 241 (Computer Hardware Concepts) covers boolean</li> </ul>
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### RESOURCE COMMITMENT TO THE PROPOSED CEM CS BA DEGREE PROGRAM

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