THE UNIVERSITY OF BRITISH COLUMBIA

# Curriculum Proposal Form
## UBC OKANAGAN
## New or Change to Course or Program

**Category: 1**

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| **Faculty:** Irving K. Barber School of Arts and Sciences<br>**Unit/Dept.:** Unit 4<br>**Faculty Approval Date:** April 3, 2007<br>**Effective Session:** Winter Session, Term 2, 2007 | **Date:** March 1, 2007<br>**Contact Person:** Patricia Lasserre<br>**Phone:** (250) 807-9502<br>**Email:** patricia.lasserre@ubc.ca |
| **Proposed Calendar Entries:**<br><br>B.A. MAJOR IN COMPUTER SCIENCE<br>This program provides students with an opportunity to complement their arts degree with a core of computer science courses, specific to their interests. This program would appeal to students interested both in Computer Science and Visual Arts (game or website design), Psychology (programming for cognitive science, psychology and human & computer interactions), English (technical writer), Languages (automation of text translation), Philosophy (computer ethics), Law (information security and privacy, forensics).<br><br>**FIRST AND SECOND YEARS:**<br><br>**B.A. Requirements including:**<br>• **COSC 111 or COSC 122**<br>• **COSC 121 or COSC 123**<br>• **MATH 100 or MATH 116**<br>• **MATH 101 or MATH 142**<br>• **COSC 211, COSC 221[1], COSC 222**<br>• **MATH 221[2]**<br><br>**[1] or its equivalent MATH 251**<br>**[2] MATH 200 and STAT 230 are strongly recommended.** | **URL:** n/a<br><br>**Present Calendar Entry:**<br>None |

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| **THIRD AND FOURTH YEARS:**<br>• **30 credits of Computer Science courses numbered 300 or above**<br>• **PHIL 331**<br>• **15 credits at the 300/400-level outside of Computer Science** | **Type of Action**: New program B.A. Major in Computer Science<br><br>**Rationale:** Give more choice to B.A. students who are interested in computer science. There are numerous students interested in pursuing a Computer Science degree while still expanding their Arts interests. Classic examples are students interested both in Computer Science and Fine Arts (Game/Website design) or Psychology (Human Computer Interaction) or Language (Translation). The B.A. major allows these students to study Computer Science.<br><br>More importantly, the B.A. major is intended to encourage and provide an opportunity for students that would not normally consider Computer Science. As technology impacts every discipline, it is important to provide exposure and permit all students to develop enough knowledge and have it appear in their degree designation. |