

## Specialization in Computational Science (Mathematics)

1. **Admission Process.** Apply online on Bear Tracks. The deadline is May 1 for September admissions. There is no admission in January.
2. **Admission Requirements.**

<u>Specialization Required Average</u>	<u>Requirements</u>
<p><b>High School</b> – 75%</p> <p><b>Transfer</b> – requires a GPA of at least 2.3 on the aggregate of all Mathematics, Statistics and Computing Science courses taken which are eligible to be credited to the degree and successful completion of at least ★24 with a GPA of at least 2.3 in each preceding Fall/Winter.</p>	<p>English 30 or English Language Arts 30-1</p> <p>Pure Mathematics 30</p> <p>Mathematics 31</p> <p>One of Biology 30, Chemistry 30, or Physics 30</p> <p>Subject from Group A, B, or C</p>

3. **After-Degrees.** See the Calendar, 193.1.7 and 193.1.8.
4. **Continuation Requirements.** Continuation in the program normally requires successful completion of at least ★24 in the previous Fall/Winter with a GPA of at least 2.3, and a GPA of at least 2.3 on the aggregate of all CMPUT, MATH and STAT courses taken in that Fall/Winter.
5. **Unsatisfactory Standing.** See Calendar, 192.5.4.
6. **Graduation Requirements.** In the last Fall/Winter of the program, a GPA of at least 2.3 and a GPA of at least 2.3 on the aggregate of all CMPUT, MATH and STAT courses taken in that Fall/Winter is required. Graduation requires a GPA of at least 2.3 on all courses credited toward the degree and a GPA of at least 2.3 on the aggregate of all CMPUT, MATH and STAT courses credited toward the degree.
7. **Program Requirements.** See the program planner on the next page. Also see Calendar, 193.11.4.
8. **IIP (Industrial Internship Program).** See Calendar, 193.1.9 and 193.11.7.
9. **Enquiries.** Please contact the Specialization Coordinator, [speccordinator@math.ulberta.ca](mailto:speccordinator@math.ulberta.ca)

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#	COURSE	YR	WHAT WAS TAKEN	GRADE	OTHER INFO
1	MATH 114	1			
2	MATH 115	1			
3	MATH 125	1			GPA-Yr1=
4	MATH 214	2			SGPA-Yr1=
5	MATH 215	2			
6	MATH 222	2			GPA-Yr2=
7	MATH 225	2			SGPA-Yr2=
8	MATH 228	3			
9	MATH 381	3			GPA-Yr3=
10	STAT 221	2			SGPA-Yr3=
11	STAT 222	3			
12	CMPUT 114 or 174	1			GPA-Yr4=
13	CMPUT 115 or 175	1			SGPA-Yr4=
14	CMPUT 201	2			
15	CMPUT 204	2			
16	CMPUT 229	3			
17	CMPUT 272	2			
18	CMPUT 291	3			
19	ENGLISH (JR)	1			
20	ENGLISH (JR)	1			
21	CMPUT OPTION: 300+				
22	CMPUT OPTION: 300+				
23	MATH OPTION				
24	ARTS OPTION				
25	ARTS OPTION				
26	ARTS OPTION				
27	ARTS OPTION				
28	MATH/STAT OPTION: 300+				
29	MATH/STAT OPTION: 300+				
30	SCIENCE OPTION				
31	OPTION: 300+				
32	OPTION				
33	OPTION				
34	OPTION				
35	OPTION				
36	OPTION				
37	OPTION				
38	OPTION				
39	OPTION				
40	OPTION				
****	*****	*****	*****	*****	*****
	NON-CREDIT				
	NON-CREDIT				
	NON-CREDIT				
	NON-CREDIT				<i>At most 7 more 1xx courses</i>
	NON-CREDIT				
	NON-CREDIT				J J J J
	NON-CREDIT				J J J