

Computing Science and Mathematics

(Applied Mathematics)

Students can become future tech leaders by developing hands-on skills and a strong computing foundation. From computer systems to math and human-tech interaction, their knowledge will stay relevant despite tech changes. Learn more at uab.ca/AugPrograms.

YEAR 1	YEAR 2	YEAR 3	YEAR 4
<ul style="list-style-type: none"> • AUIDS 101 • AUCSC 111 • AUCSC 112 • AUMAT 116 • AUMAT 120 • One of 100-level AUBIO, AUCHE, AUPHY • Options: <ul style="list-style-type: none"> ◦ 3-9 units Fine Arts & Humanities ◦ 3-6 units Social Sciences • Options 	<ul style="list-style-type: none"> • Collaborative Seminar • AUMAT 216 • AUMAT 240 • AUMAT 250 • AUSTA 215 • AUCSC 250 • Choose 1-2 courses from the list below: <ul style="list-style-type: none"> ◦ AUMAT 316, 320, 328, 350, 353 • 0-3 units Social Sciences • 0-3 units Fine Arts & Humanities • Options 	<ul style="list-style-type: none"> • AUIDS 301 • AUCSC 310 • AUSCI 430 • Any 400-level AUCSC eligible for • Choose 2-3 course from the list below (except completed courses): <ul style="list-style-type: none"> ◦ AUMAT 316, 320, 328, 350, 353 • 0-3 units Fine Arts & Humanities • Options 	<ul style="list-style-type: none"> • AUIDS 401 • AUMAT 332 • AUSCI 330 • Any 400-level AUCSC • Choose 1-3 courses below (except completed courses): <ul style="list-style-type: none"> ◦ AUMAT 316, 320, 328, 350, 353 • Options • Recommended: <ul style="list-style-type: none"> ◦ AUSCI 385 Tutoring ◦ AUCSC 395/495 Directed Reading ◦ AUCSC 401/402 CSC Practicum

AUGUSTANA PROJECT-BASED CORE:

Learn the skills needed to succeed in university and create projects while gaining real working experience. Learn more at uab.ca/AugCore

<p>AUIDS 101 (Fall 3-week)</p> <p>The First-Year Seminar prepares students for university by teaching critical analysis, improving academic writing, fostering community involvement and introducing career skills.</p>	<p>Collaborative Seminar (Fall 11-week)</p> <p>Option: AUIDS 301 (Winter 3 & 11)</p> <p>Develops teamwork skills through multidisciplinary projects, enhancing career readiness in project management, communication and teamwork.</p>	<p>AUIDS 301 (Fall or Winter)</p> <p>Option: AUIDS 201 (Fall 11-week)</p> <p>Cultivate teamwork by partnering with a local organization to address a need. Gain practical experience, and enhance career skills crucial for industry, client relations and community engagement.</p>	<p>AUIDS 401 (Winter 11-week)</p> <p>Option: AUIDS 301 (Fall 3 & 11)</p> <p>Prepare for career success by tackling social issues through team projects. Practice interviewing, networking, proposal writing, budgeting for projects and data analysis.</p>
--	---	---	---



Your Academic Requirement Report in Bear Tracks shows your progress and provides complete details on your program. Not every student's path will be this linear. You may choose to take a lighter course load, take time off or participate in extracurriculars that will extend your program time. We recommend speaking to a student advisor about planning your degree. **Learn more at uab.ca/AugSAS**

Computing Science and Mathematics

(Applied Mathematics)

Check out some degree-enhancing opportunities:

Make the most of your degree by taking advantage of these unique opportunities:

Students' Association Club

The insIDE Club's mission is to provide students insight on matters relating to Computing Science and educate others on the purpose of its use in the world.

Mentoring in Computing Science & Mathematics

Enroll in AUSCI 385 and tutor first-year students for credit in the Math & Computing Support Centre.

Professional Practicum

Gain hands-on experience in software development and information systems with a four-month work placement. Understand the demands and responsibilities of the computing profession firsthand.

Directed Studies

Engage in an intensive study of a specific Computing Science area, defined by you and a supervising instructor. Complete a software project in your chosen field.

Prepare for your career:

Build your career knowledge, skills and connections throughout your degree. More ideas at uab.ca/AugCS

YEAR 1

- Create your first professional resume
- Explore potential career pathways

YEAR 2

- Attend seminars on managing your career and job search
- Participate in the Job Shadow Program, Career Conversations, or conduct informational Interviews

YEAR 3

- Confirm with an advisor you are on track for graduation
- Get curious at Employer Information Sessions, Career Fairs, Mixers, Lunch and Learns, etc.

YEAR 4

- Refine your job interview skills
- Seek out networking opportunities on or off campus

GET INVOLVED ON CAMPUS

Athletics & Campus Rec
Chaplaincy
Augustana Students' Association
Campus Clubs
Music & Theatre productions

Learn more by contacting us at:

uab.ca/AugSAS