

Chemical and Physical Sciences

(Physics)

Explore the mysteries of matter and energy! Delve into how these fundamental elements can be transformed and measured in complex systems. With courses in Chemistry and Physics, you'll engage in both technical and theoretical learning, both in the classroom and in the lab. Learn more at uab.ca/AugPrograms

YEAR 1	YEAR 2	YEAR 3	YEAR 4
<ul style="list-style-type: none"> • AUIDS 101 • AUCHE 110 • AUCHE 112 • AUPHY 110 • AUPHY 120 • AUPHY 170 • AUMAT 116 • AUMAT 120 • 0-6 units from: <ul style="list-style-type: none"> ◦ Fine Arts ◦ Humanities ◦ Social Sciences • Options 	<ul style="list-style-type: none"> • Collaborative Seminar • AUCHE 230 • AUCHE 279 • 9-15 units from*: <ul style="list-style-type: none"> ◦ AUMAT 216, 240, 316 ◦ AUPHY 250, 260, 270 ◦ AUPHY 375, 391 • 0-9 units from: <ul style="list-style-type: none"> ◦ Fine Arts ◦ Humanities ◦ Social Sciences <p><i>*Each year, take all of the classes offered for which you meet the prerequisite requirements</i></p>	<ul style="list-style-type: none"> • AUIDS 301 • 9-15 units from: <ul style="list-style-type: none"> ◦ AUMAT 216, 240, 316 ◦ AUPHY 250, 260, 270 ◦ AUPHY 375, 391 • 0-9 units from: <ul style="list-style-type: none"> ◦ Fine Arts ◦ Humanities ◦ Social Sciences • Options <p><i>*Each year, take all of the classes offered for which you meet the prerequisite requirements</i></p>	<ul style="list-style-type: none"> • AUIDS 401 • AUSCI 405 • 9-15 units from: <ul style="list-style-type: none"> ◦ AUMAT 216, 240, 316 ◦ AUPHY 250, 260, 270 ◦ AUPHY 375, 391 • 0-9 units from: <ul style="list-style-type: none"> ◦ Fine Arts ◦ Humanities ◦ Social Sciences • Options

AUGUSTANA PROJECT-BASED CORE:

Learn the skills needed to succeed in university and create projects while gaining real working experience. Learn more and see courses 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: Collaborative Seminar (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)</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>
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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**

Chemical and Physical Sciences

(Physics Stream)

Check out some degree-enhancing opportunities:

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

Undergraduate Research

Work one-on-one with professors on research topics. Gain valuable research experience that can help you prepare for graduate school.

Science Mentorship

AUSCI 425 involves weekly lab instruction for first year laboratory classes. Learn how to teach and mentor junior students.

Lab-Based Courses

Enroll in a number of chemistry lab-based courses designed to help you develop cutting-edge technical lab skills needed for advanced-degree programs and employment!

Augustana Chemistry Society

Provides both social and academic events for members as well as tutor and help sessions.

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 or Career Conversations

YEAR 3

- Get curious at Employer Information Sessions, Career Fairs, Mixers, Lunch and Learns

YEAR 4

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

GET INVOLVED ON CAMPUS

Athletics & Campus Rec
Augustana Chaplaincy
Augustana Students' Association
Campus Clubs
The Augustana Choir

Learn more by contacting us at:

uab.ca/AugSAS