

Welcome to the

# Chemistry Education Major

in the College of Computational, Mathematical, and Physical Sciences

## College Advisement Center

Website: <https://science.byu.edu/advisement>  
Email: [science.math.advisement@byu.edu](mailto:science.math.advisement@byu.edu)  
Phone: 801-422-2674  
Office: N-181 ESC

## Chemistry and Biochemistry Department

Website: [chem.byu.edu](http://chem.byu.edu)  
Phone: 801-422-3667  
Office: C-100 BNSN

## Department Advisement – Sue Mortensen\*

Email: [suemort@byu.edu](mailto:suemort@byu.edu)  
Phone: 801-422-6261  
Office: C-104 BNSN

## Education Advisement Center

Website: [education.byu.edu](http://education.byu.edu)  
Email: [eac.frontdesk@byu.edu](mailto:eac.frontdesk@byu.edu)  
Phone: 801-422-3426  
Office: 175 MCKB

## Faculty Advisor – Adam Bennion & Duane Merrell

Email: [adam\\_bennion@byu.edu](mailto:adam_bennion@byu.edu)  
Phone: 801-422-3095  
Office: N-319 ESC  
Email: [duane\\_merrell@byu.edu](mailto:duane_merrell@byu.edu)  
Phone: 801-422-2255  
Office: N-281 ESC

Educator: Apply to the program at [educator.byu.edu](http://educator.byu.edu). If you have any technical issues, contact the EPP Help Center at 801-422-1190, <https://epp.byu.edu/>. You should plan to have the application completely done by the time you finish the PHY S 276 class.

## Clubs

**YChem:** Walter Paxton, E111 BNSN, [paxton@chem.byu.edu](mailto:paxton@chem.byu.edu); 801-422-4917

**Women in Chemistry:** Pam Van Ry, C209 BNSN, [pam\\_vanry@byu.edu](mailto:pam_vanry@byu.edu), 801-422-1540

**Cougs v Cancer:** Cristy Welsh, MCDB 261, [cancer\\_research@byu.edu](mailto:cancer_research@byu.edu), 801-422-3913

\*Please visit Sue Mortensen in the Chemistry and Biochemistry Department (C104 BNSN) as soon as possible if you have not already done so.

Learning outcomes can be found here: <https://learningoutcomes.byu.edu/Courses/program-courses/692828/Chemistry+Education+BS+/1322>



# Things to Know

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## Resources for Graduation Planning

- Flow Charts and Major Academic Plans (MAPs) can be found here: <https://science.byu.edu/advisement/explore-majors-and-minors>.
- Academic advisors in N-181 ESC will help you understand course sequencing and help you plan classes to efficiently fill requirements. They can also help you with study skills and initial career exploration as well as connecting you with correct resources.
- Plan and register from your plan on MyMAP. Your academic advisor can help you understand how to best utilize this resource.
- Evaluate your current program. Periodically major programs are updated. An academic advisor would be happy to review the differences between the programs with you to help you determine what would be best for you.
- Consider meeting with a faculty advisor in your department. Contact info is found on the first page of this packet.

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## Tutoring Resources and Research

- Volunteer peer tutors are available through Y Serve if you need help with a class. Also, if you excel in a subject, consider serving your fellow students by becoming a tutor. Find out more here: <https://tutoring.byu.edu/>.
- Many departments provide TA Tutorial Labs and research opportunities. Check your department for details:
  - Chemistry and Biochemistry: C-104 BNSN, 801-422-6261, <https://chem.byu.edu/department/faculty/>
  - Computer Science: 3361 TMCB, 801-422-3027, [csoffice@cs.byu.edu](mailto:csoffice@cs.byu.edu)
  - Geological Sciences: S-389 ESC, 801-422-3918, [geology@byu.edu](mailto:geology@byu.edu)
  - Mathematics: 275 TMCB, 801-422-2061, [office@mathematics.byu.edu](mailto:office@mathematics.byu.edu)
  - Mathematics Education: 167 TMCB, 801-422-1735, [office@mathed.byu.edu](mailto:office@mathed.byu.edu)
  - Physics and Astronomy: N-283 ESC, 801-422-4361, [physics\\_office@byu.edu](mailto:physics_office@byu.edu)
  - Statistics: 2152 WVB, 801-422-4505, [statsec@stat.byu.edu](mailto:statsec@stat.byu.edu)

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## Prepare Early for a Career

- Check out Careers & Experiential Learning in 1134 WSC and at <https://ucs.byu.edu/>.
- Consider doing an internship.
  - Attend the STEM and Career Fairs held in fall and winter semesters.
  - Talk to your department about internship opportunities.
  - Use LinkedIn and Handshake (see flyer in this packet) to connect with alumni and apply for jobs/internships. BYU Connect is another great resource for networking ([connect.byu.edu](http://connect.byu.edu)).
  - Talk with the college Career Director who can help you search for internships as well as assist you with many other career related strategies (see first page of this packet).
- Consider taking StDev 317 (Career Strategies) your junior year.
- Consider taking either Chem 502, CS 502, Geol 502, Math 502, PHSCS 502, or STAT 502 (1-credit Networking Class). Class is held for 1 hour each week.

# BS in Chemistry Education (692828) MAP Sheet

Physical and Mathematical Sciences, Chemistry and Biochemistry

For students entering the degree program during the 2024-2025 curricular year

This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to <http://education.byu.edu/ess/licensing.html> or contact Education Advisement Center, 175 MCKB, 801-422-3426.

University Core and Graduation Requirements				Suggested Sequence of Courses			
<b>University Core Requirements:</b>				<b>FRESHMAN YEAR</b>			
				<u>1st Semester</u>		<u>JUNIOR YEAR</u>	
						<u>5th Semester</u>	
<b>Religion Cornerstones</b>	<b># Classes</b>	<b>Hours</b>	<b>Classes</b>	CHEM 111	4.00	IP&T 373	1.00
Teachings and Doctrines of the Book of Mormon	1	2.00	REL A 275	MATH 112	4.00	SC ED 353	2.00
Jesus Christ and the Everlasting Gospel	1	2.00	REL A 250	UNIV 101	2.00	Requirement 5 Option	3.00
Foundations of the Restoration	1	2.00	REL C 225	Religion Cornerstone Class	2.00	Requirement 5 Bio Option	3.00
The Eternal Family	1	2.00	REL C 200	First Year Writing	3.00	GE Arts, Letters, Sciences	3.00
				<b>Total Hours:</b>	<b>15.00</b>	GE Religion	2.00
						Open Elective	2.00
						<b>Total Hours:</b>	<b>16.00</b>
<b>BYU Foundations for Student Success</b>				<u>2nd Semester</u>		<u>6th Semester</u>	
Foundations for Student Success	1	2.00	UNIV 101	CHEM 112	3.00	CHEM 391	3.00
				CHEM 113	2.00	CHEM 331	3.00
<b>The Individual and Society</b>				CHEM 201	0.50	SC ED 375	3.00
American Heritage	1 to 2	3.00-6.00	from approved list	MATH 113	4.00	IP&T 372	1.00
Global and Cultural Awareness	1	3.00	SC ED 353*	Religion Cornerstone Class	2.00	GE Religion	2.00
				American Heritage	3.00	GE Arts, Letters, Sciences	3.00
<b>Skills</b>				Open Elective	0.5	<b>Total Hours:</b>	<b>15.00</b>
First Year Writing	1	3.00	from approved list	<b>Total Hours:</b>	<b>15.00</b>	<b>SENIOR YEAR</b>	
Advanced Written and Oral Communications	1	3.00	CHEM 391*	<u>3rd Semester</u>		<u>7th Semester</u>	
Quantitative Reasoning	1	4.00	MATH 112*	CHEM 227	4.00	CHEM 495	1.00
Languages of Learning (Math of Language)	1	4.00	MATH 113*	CHEM 351M or CHEM 357	3.00	Requirement 4 Option	3.00
				PHSCS 121	3.00	CPSE 402	2.00
<b>Arts, Letters and Sciences (Complete 6 of 7)</b>				GE Arts, Letters, Sciences	3.00	PHY S 377	3.00
Civilization 1	1	3.00	from approved list	IP&T 371	1.00	PHY S 378	1.00
Civilization 2	1	3.00	from approved list	Religion Cornerstone Class	2.00	GE Arts, Letters, Sciences	3.00
Arts	1	3.00	from approved list	<b>Total Hours:</b>	<b>16.00</b>	GE Religion	2.00
Letters	1	3.00	from approved list			Open Elective	1.00
Biological Science	1	3.00-4.00	Req 5 Bio Elect*	<u>4th Semester</u>		<u>8th Semester</u>	
Physical Science	2	7.00	CHEM 111* & PHSCS 121*	Requirement 4 Option	3.00	PHY S 476 or 496 (FW)	12.00
Social Science	1	3.00	from approved list	Requirement 4 Option	3.00	<b>Total Hours:</b>	<b>12.00</b>
				PHSCS 123	3.00		
<b>Core Enrichment: Electives</b>				PHY S 276	4.00		
Religion Electives	3 to 4	6.00	from approved list	Religion Cornerstone Class	2.00		
Open Electives	Variable	Variable	personal choice	<b>Total Hours:</b>	<b>15.00</b>		
<b>Graduation Requirements:</b>							
Minimum residence hours required		30.00					
Minimum hours needed to graduate		120.00					
*These classes fill both university core and program requirements							

## Program Requirements

*Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.*

*This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to <https://www.schools.utah.gov/curr/licensing> or contact the Education Advisement Center, 350 MCKB, 801-422-3426.*

*For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.*

*Contact Education Student Services for entrance requirements into the licensure program.*

*A teaching minor is not required for licensure. However, it is strongly recommended.*

### Requirement 1 — Complete 8 Courses

Note: With department approval Chem 105 may substitute for Chem 111; and Chem 106 for Chem 112; and Chem 107 for Chem 113.

CHEM 111 - Principles of Chemistry 1 4.0  
CHEM 112 - Principles of Chemistry 2 3.0  
CHEM 113 - Intro General Chemistry Lab 2.0  
CHEM 201 - Chem Handling & Safe Lab Prac 0.5  
CHEM 227 - Principles of Chem Analysis 4.0  
CHEM 331 - Guided Learn Chem Instruction 3.0  
CHEM 391 - Tech Writing Using Chem Lit 3.0  
CHEM 495 - Senior Seminar 1.0

### Requirement 2 — Complete 1 of 2 Courses

CHEM 351M - Organic Chemistry 1 - Majors 3.0  
CHEM 357 - Industrial Organic Chemistry 3.0

### Requirement 3 — Complete 4 Courses

MATH 112 - Calculus 1 4.0  
MATH 113 - Calculus 2 4.0  
PHSCS 121 - Intro to Newtonian Mechanics 3.0  
PHSCS 123 - Intro to Waves, Optics, Thermo 3.0

### Requirement 4 — Complete 9 hours

Note: Chem 354 may be taken for either 1 or 2 credit hours.

CHEM 352M - Organic Chemistry 2 - Majors 3.0  
CHEM 354 - Organic Chem Lab-Major 1.0v  
CHEM 381M - Biochem Fundamentals 3.0  
CHEM 384 - Biochem Methods 1.0  
CHEM 397R - Mentored Outreach Svc Learning - You may take up to 3.0 credit hours 0.5v  
CHEM 460 - Math for Physical Chemistry 1.0  
CHEM 462 - Physical Chemistry 1 3.0  
CHEM 463 - Physical Chemistry 2 3.0  
CHEM 464 - Physical Chemistry Lab 1 1.0  
CHEM 465 - Physical Chemistry Lab 2 1.0  
CHEM 468 - Biophysical Chemistry 3.0  
CHEM 498R - Capstone Experience - You may take up to 3.0 credit hours 0.5v  
CHEM 514 - Inorganic Chemistry 3.0  
HONRS 499R - Honors Thesis - You may take up to 3.0 credit hours 0.5v

### Requirement 5 — Complete 6 hours

Only ONE of Geol 101 or 111 can be applied to this requirement. Only ONE of Bio 100, Bio 130, CELL 120, or PWS 150 can be applied to this requirement. With approval, certain other courses in physics, geology, mathematics, and biology may be taken to satisfy this requirement. Note: Any

course not taken to satisfy Requirement 4 can be taken to satisfy Requirement 5.

BIO 100 - Principles of Biology 3.0  
BIO 130 - Biology 4.0  
CELL 120 - Science of Biology 3.0  
GEOL 101 - Introduction to Geology 3.0  
GEOL 111 - Physical Geology 4.0  
MATH 213 - Elementary Linear Algebra 2.0  
MATH 215 - Computational Linear Algebra 1.0  
MATH 290 - Fundamentals of Mathematics 3.0  
MATH 302 - Math for Engr 1 4.0  
MATH 314 - Calculus of Several Variables 3.0  
MATH 334 - Ordinary Differential Equation 3.0  
PHIL 423R - History&Philosophy of Science - You may take once 3.0  
PHSCS 127 - Descriptive Astronomy 3.0  
PHSCS 137 - Energy, Climate, Environment 3.0  
PHSCS 220 - Intro Electricity & Magnetism 3.0  
PHSCS 222 - Modern Physics 3.0  
PHSCS 225 - Intro to Experimental Physics 2.0  
PHSCS 240 - Dsgn, Fabricatn, Sci Apparatus 2.0  
PWS 150 - Environmental Biology 3.0

### Requirement 6 — Complete 2 Requirements

Professional Education Component. Complete both 6.1 and 6.2.

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

### Requirement 6.1 — Complete 9 Courses

CPSE 402 - Educ Stdnets w/Disabltis in ScEd 2.0  
IP&T 371 - Integrating K-12 Ed Tec 1 1.0  
IP&T 372 - Integrating K-12 in El. Ed. 1.0  
IP&T 373 - Tchng K-12 Online/Blended Lrn 1.0  
PHY S 276 - Exploration of Teaching 4.0  
PHY S 377 - Teaching Methods & Instruction 3.0  
PHY S 378 - Practicum in Secondary Educ 1.0  
SC ED 353 - Multicultural Educ 2.0  
SC ED 375 - Ad Dev & Class Mgmt 3.0

Note: FBI fingerprint and background clearance must be completed before enrollment into Phy S 276.

### Requirement 6.2 — Complete 12 hours

PHY S 476 - Secondary Student Teaching 0.0v  
PHY S 496 - Acad Intern: Secondary Ed 0.0v  
Student teachers/interns must complete three forms in their Educator accounts (PIBS, CDS, FED) and attach their TWS to the Educator account for their program. All four must be completed to be cleared for graduation.

## REGISTRATION ADVISEMENT

We want to assist students in their academic pursuit toward an undergraduate degree. Students are encouraged to complete an average of 15 credit hours each semester or 30 credit hours each year, which could include spring and/or summer terms. Taking fewer credits substantially

increases the number of semesters to graduate.

New students should attend the chemistry and biochemistry session during New Student Orientation, where they can meet with a faculty advisor and review their planned registration. Transfer or mid-year incoming students should meet with an advisor prior to the add/drop deadline of their first semester, usually at the end of the first week of class.

The department recommends a review of progress and planned registration with a faculty advisor in the semester when 30, 60, and 90 hours are completed. However, academic advisement is available to all majors at **any** point in their academic career. Contact the department advisement office to schedule an appointment with a faculty advisor: in person C104 BNSN; by phone 801- 422-6269; by email suemort@chem.byu.edu.

## MENTORED RESEARCH/EXPERIENTIAL LEARNING

We strongly encourage our majors to participate in mentored learning and receive credit toward completing their major requirements. Approximately 80% of our faculty conduct independent, externally funded research and invite undergraduates to participate in on-campus mentored learning opportunities. Students initiate contact with a faculty whose research interests them. Upon acceptance to participate in a research lab, students enroll in a series of mentored research courses (CHEM 297R, 497R) throughout their academic career, culminating in a capstone research experience (CHEM 498R). Contact the department advisement center for additional information: 801-422-6269; C104 BNSN; suemort@chem.byu.edu.

## THE DISCIPLINE

The Chemistry Education Bachelor of Science degree provides preparation for chemistry/science high school teaching. High school chemistry teachers will find exciting opportunities available to help students take the first steps to becoming scientists. Chemists and biochemists study the fundamental processes that govern the natural world, including atomic structure and how atoms interact to form molecules and materials. They study the mechanisms of chemical processes, including those that underpin living systems such as the transfer of information from DNA to RNA to proteins. They work to develop simplifying models (theories) that permit the correlation and explanation of observations about the behavior of life to the structure of rocks and minerals.

Chemistry and biochemistry provide an essential foundation for the medical sciences, engineering (especially chemical engineering), electronics, energy, environmental sciences, materials science, pharmacy, and virtually all manufacturing processes.

Chemistry and biochemistry are active branches of science that are vital to human existence. Inasmuch as the field embraces all aspects of the material world, it is subdivided into five areas of interest. Examples of these diverse areas include the regulation of protein synthesis, cellular signal transduction at the molecular level and proteomics (biochemistry), design and synthesis of medicinal compounds, catalysts and polymers (organic chemistry), design and synthesis of new molecular structures and materials (inorganic chemistry), spectroscopic study of energy transfer and molecular structures (physical chemistry), and analysis of medicinal compounds, biological materials, and contaminants or trace elements found in the environment (analytical chemistry).

Chemistry and biochemistry involve far more than test tubes and beakers. They include sophisticated methodologies such as recombinant DNA technology, working with a variety of instruments such as mass spectrometers, calorimeters, chromatographs, ultracentrifuges, lasers, X-ray diffractometers, electron microscopes and nuclear magnetic resonance spectrometers, all of which are used by undergraduate chemistry and biochemistry students at BYU. Computers also play an important role in these disciplines, with applications ranging from simulation of molecules and their interactions to the collection and analysis of data. The chemistry and biochemistry curricula are both rigorous and intellectually rewarding.

#### **CAREER OPPORTUNITIES**

Graduates in chemistry and biochemistry obtain positions in education and in many different industries, performing analysis, synthesis, characterization, observation, and modeling. Those who work hard, are creative, and have intellectual curiosity are in particular demand. The discipline also provides an excellent preprofessional course of study for those interested in medicine, dentistry, law, and business.

#### **MAP DISCLAIMER**

While every reasonable effort is made to ensure accuracy, there are some student populations that could have exceptions to listed requirements. Please refer to the university catalog and your college advisement center/department for complete guidelines.

#### **DEPARTMENT INFORMATION**

##### **Department of Chemistry and Biochemistry Advisement**

Brigham Young University  
C-104 BNSN  
Provo, UT 84602  
Telephone: (801) 422-6269

#### **ADVISEMENT CENTER INFORMATION**

##### **Computational, Mathematical and Physical Sciences**

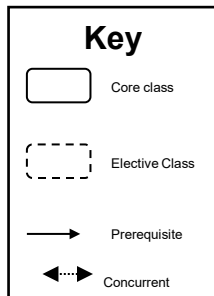
Brigham Young University  
N-181 ESC  
Provo, UT 84602  
Telephone: (801) 422-2674

# Chemistry Education BS

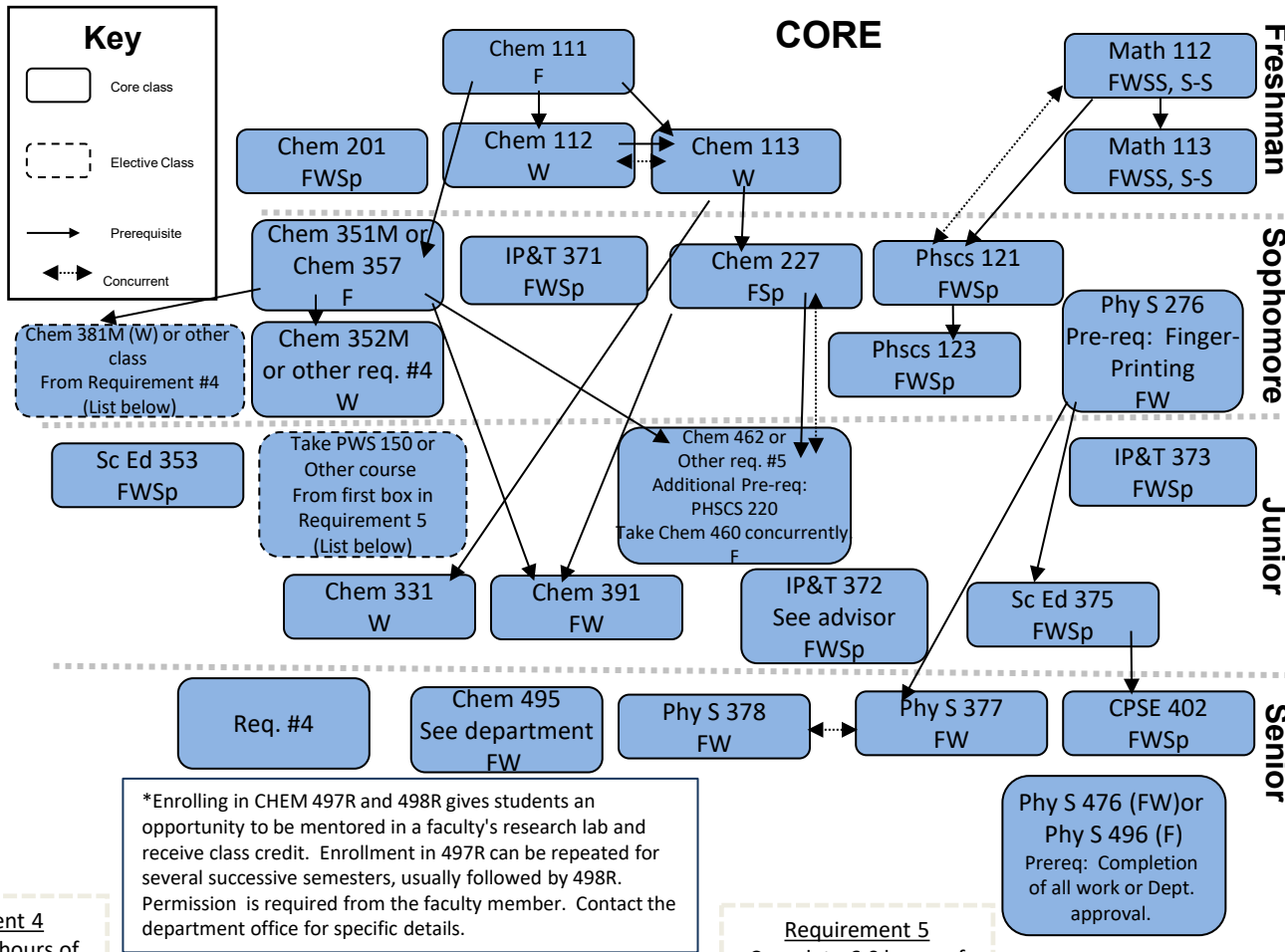
Requirements / Prerequisites  
2024-2025 Academic Year

## Major (82.5 Hours)

- Admission into the major or minor requires the following: **1)** 2.7 minimum high school/college GPA (be in the average of 3.0 for cohort), **2)** fingerprint background check, **3)** a cohort average ACT score of 21.25 (17 minimum) in reading, average cohort score of 21.25 (17 minimum) in math, and an average cohort writing score of 6.60 (5 minimum) **or** a SAT average cohort reading score of 543.33 (435 minimum), average cohort math score of 532.5 (426 minimum), and an average cohort essay score of 5.30 (4 minimum). Anyone who has not taken the correct ACT or SAT tests will need to take the Praxis Core tests and receive a 165 (132 minimum) for writing, 162.14 (130 minimum) for math, and 168.06 (134 minimum) for reading.
- Grades below C in professional education courses or content courses will not be accepted. Teacher candidates must have minimum of a cumulative 2.7 GPA.
- Complete the following: Chem 111, Chem 112, Chem 113, Chem 201, Chem 227, Chem 331, Chem 391, Chem 495.
- Complete one of the following: Chem 351M or Chem 357.
- Complete the following: Math 112, Math 113, Phscs 121, Phscs 123.
- Complete nine hours from the following: Chem 352M, Chem 354, Chem 381M, Chem 384, Chem 397R, Chem 460, Chem 462, Chem 463, Chem 464, Chem 465, Chem 468, Chem 498R, Chem, 514, HONRS 499R.
- Complete 6 hours from the following electives: One of Biol 100, Biol 130, Cell 120, or PWS 150. Complete Geol 101 or Geol 111. Math 213 and Math 215, Math 290, Math 302, Math 314, Math 334, Phil 423R, Phscs 127, Phscs 137, Phscs 220, Phscs 222, Phscs 225, Phscs 240.
- Complete the Professional Education Component: CPSE 402, IP&T 371, IP&T 372 (see advisor), IP&T 373, Phy S 276, Phy S 377, Phy S 378, Sc Ed 353, Sc Ed 375. Note: FBI clearance is required for Phy S 276.
- Complete 12 hours from the following: Phy S 476 or Phys 496.



## CORE



\*Enrolling in CHEM 497R and 498R gives students an opportunity to be mentored in a faculty's research lab and receive class credit. Enrollment in 497R can be repeated for several successive semesters, usually followed by 498R. Permission is required from the faculty member. Contact the department office for specific details.

**Requirement 4**  
Complete 9.0 hours of the following Electives

**Requirement 5**  
Complete 6.0 hours of the following Electives

<b>CHEM 352M</b> Pre-Req: Chem 351(M) W	<b>Chem 397R</b> Pre-req: Chem 111, Chem 112, & Chem 113 When taught: Contact Dept	<b>Chem 463</b> Pre-req: Chem 462 & PHSCS 220 W	<b>CHEM 468</b> Chem 481 or Chem 381M & PHSCS 220 W	<b>Biol 100, Biol 130, CELL 120, or PWS 150</b> FWSS (depending on class)	<b>Math 302</b> Pre-req: Math 113 FW	<b>Phil 423R</b> Pre-Req: Phy S 100 & Phil 300 See Department	<b>PHSCS 222</b> PHSCS 121, 123, 220 FW	<b>Any Req. #4 course</b> Not used in Req. #4
<b>CHEM 354</b> Pre-req: Chem 201 and Chem 351 (M) or 357 Take for 1 or 2 credits FWSp	<b>CHEM 460</b> Pre-req: Math 113 & 213 Take with 462 F	<b>CHEM 464</b> Chem 462, Chem 201 & chem 227 W	<b>Chem 498R*</b> Pre-Req: Consent & Chem 201 FWSS	<b>Geol 101 (FW) or Geol 111 (F)</b>	<b>Math 314</b> Pre-Req: Math 113 FWSS	<b>PHSCS 127</b> FWSp	<b>PHSCS 225</b> Pre-Req: PHSCS 220 Or concurrent FW	With approval, Certain other courses In physics, geology, mathematics, and biology may be taken to satisfy the elective requirements.
<b>CHEM 381M</b> Pre-Req: Chem 351 (M) W	<b>CHEM 462</b> Chem 351(M), PHSCS 220, Concurrent with Chem 227 F	<b>CHEM 465</b> Chem 462, 463, 467 or 468 or concurrent W	<b>CHEM 514</b> Chem 462 or 468 F	<b>Math 213 &amp; 215</b> Pre-req: Math 112 FWSS	<b>Math 334</b> Pre-Req: Math 113 & Math 213 EWSS	<b>PHSCS 137</b> Pre-Req: Phy S 100 F	<b>PHSCS 240</b> Phscs 123 & 225 FW	
<b>CHEM 384</b> Pre-req: Chem 201 & Chem 227 W2	<b>Honrs 499R</b> FWSpSu		<b>Math 290</b> Pre-req: Math 112 Or concurrent EWSp	<b>Math 213 &amp; 215</b> Pre-req: Math 112 Or concurrent EWSp	<b>Math 334</b> Pre-Req: Math 113 & Math 213 EWSS	<b>PHSCS 220</b> Math 113 & PHSCS 121 FWSp		

Please Note: When Taught is subject to change.

Guide only—please consult MyMAP for full requirements.

Updated 09/11/2024

## handshake

BYU's own job board. Employers who want to hire BYU graduates or offer internships to current students post job openings to this website and students apply. Just like LinkedIn, employers can view student profiles and students can network as they apply for jobs and internships

**Login to [handshake.byu.edu](https://handshake.byu.edu) >>> BYU Net ID**

*\*you do not need to create an account, just sign in with you BYU information*



## HOW TO MAKE THE MOST OUT OF HANDSHAKE:

### 1. COMPLETE YOUR PROFILE

- Upload your resume and it will auto-fill in your profile
- Completed profiles tailor your Handshake experience
- Information from your transcript is already uploaded
- Fill in the Summary/Bio section
- Fill in your past jobs and experiences, including all the bullet points you use on your resume
- Add a professional headshot and background photo

Remember: every word in your profile will be searchable by students and employers

### 4. EXPLORE FELLOW STUDENTS

- “Students” tab
- Search for fellow BYU students to view their profiles and job positions (Facebook stalking... “networking”)

### 5. ATTEND EVENTS

- The “Events” tab will be your key to attending info sessions, interviews, and Career Fairs
- The “Calendar” tab under “Events” will show you what events are coming soon
- Make sure to save events you are interested in or RSVP so you do not forget to attend
- Spread the word to your friends on social media

### 6. DOWNLOAD HANDSHAKE APP

- Search: “Handshake” not “Handshake Career Services”
- Input your BYU e-mail address: [netID@byu.edu](mailto:netID@byu.edu) (it will forward emails to the e-mail you have on file with BYU)
- Handshake will send you a link via e-mail to enable your account in the app
- Navigate the app to perform all the functions of the website that have been previously mentioned

### 7. VISIT THE CAREER STUDIO

- Freshen up your resume, cover letter, or LinkedIn
- Receive networking help
- Practice interviewing with a mock interview
- Meet with a full-time Career Counselor in your field

### 8. GET A JOB, RING THE BELL

- Once you're hired, stop by the Career Studio to ring our Victory Bell and get a picture for the Victory Board



employers are  
**5X MORE LIKELY**  
to view a profile that has  
at least one job/skill/organization

### 2. APPLY FOR JOBS

- Search for job titles, employers, or skills
- Apply for interesting jobs that meet your skill set

### 3. RESEARCH COMPANIES

- Under the “Jobs” Tab there is an “Employers” Tab
- Search for keywords or locations to find companies that are the right fit for you
- Plan to attend their info sessions on BYU Campus, connect with them at Career Fairs, or set up informational interviews to learn more

Remember: when looking at companies or jobs, Handshake will tell you what other BYU students have worked there. Use this resource to network and discover more information!