Bachelor of Arts in Chemistry Minor in Physics 6-12 Physical Science Teacher Certification

2024-2025	catalog	

Name:	ID:
Expected graduation:	Date:

UTeach program coordinator: Dr. Erin Philp, ephilp@uta.edu

GENERAL EDUCATION (36 hours)

UTA requirement E		Need		
UNIV-SC 1131/1101 Student Success		1		
Communication				
ENGL 1301 Rhetoric & Composition I		3		
ENGL 1302 Rhetoric & Composition II		3		
US History (choose two)				
HIST 1301 History of the United States to 1865				
HIST 1302 History of the United States from 1865		6		
HIST 1331 Technology & Science in American Society I		٥		
HIST 1332 Technology & Science in American Society II				
Political Science				
POLS 2311 Government of the United States		3		
POLS 2312 State & Local Government		3		
Mathematics				
MATH 1426 Calculus I		4		
MATH 2425 Calculus II		4		
Language, Philosophy, & Culture (see approved list)				
		3		
Social & Behavioral Sciences (see approved list)				
		3		
Creative Arts (see approved list)				
		3		

OTHER SCIENCE (30 hours)

Biology	Ea	rned	Need
BIOL 1441	Biology I for Science Majors		4
BIOL 1442	Biology II for Science Majors		4
Physics			
PHYS 1443	General Technical Physics I		4
PHYS 1444	General Technical Physics II		4
PHYS 2315	Introductory Astrophysics (fall only)		3
PHYS 3313	Intro to Modern Physics		3
PHYS 3445	Optics (TBD)		4
PHYS 3455	Electronics (TBD)		4

CHEMISTRY (31 hours)

	Earned	Need
CHEM 1341 General Chemistry I		3
CHEM 1181 General Chemistry I Lab		1
CHEM 1342 General Chemistry II		3
CHEM 1182 General Chemistry II Lab		1
CHEM 2335 Quantitative Chemistry		3
CHEM 2321 Organic Chemistry I		3
CHEM 2283 Synthesis & Analysis Lab I (fall only)		2
CHEM 2322 Organic Chemistry II		3
CHEM 2284 Synthesis & Analysis Lab II (spring only)		2
CHEM 3315 Intro to Biophysical Chemistry (fall only)		3
CHEM 3175 Intro to Biophysical Chemistry Lab (fall only)		1
CHEM 4311 Biochemistry I		3
CHEM 3317 Inorganic Chemistry (spring only) or 4318 (fall only)		3

UTEACH ARLINGTON (26 hours)

NOTES

Juniors/seniors may take SCIE 1334 in lieu of 1201/1202			Need
SCIE 1201	Step 1: Inquiry Approaches to Teaching		2
SCIE 1202	Step 2: Inquiry-based Lesson Design		2
SCIE 4331	Knowing & Learning		3
SCIE 4332	Classroom Interactions		3
PHIL 2314	Perspectives on Science & Math		3
CHEM 4343	Research Methods		3
SCIE 4333	Multiple Teaching Practices		3
SCIE 4607	Capstone Teaching Experience		6
SCIE 4107	Capstone Teaching Experience Seminar		1

	Earned	Need
TOTAL DEGREE HOURS (123)	0	123

ACADEMIC STANDING				
	UTA GPA (2.75 min)			
	Chemistry GPA (2.25 min)			
	Physics GPA (2.25 min)			