

Sample 4-year plan for 3+1
Major: Chemistry

	Fall	Spring	May Term/Summer
Year 1	Chem111 Principles of Chemistry (4) (A-QR)	Chem221 Organic Chemistry I (4)	EPIC Advantage this year or next (or potentially after Year 3 if in May only)
	Math 180 Calc A (5)		
Year 2	PHYS120 Matter in Motion (4) or PHYS125 Matter in Motion (With Calculus) (4)	PHYS 230 Analytical Physics II or 235 Analytical Physics II: Electromagnetism and Waves (with Calculus) (4)	Student research
	Chem321 Organic II (4) (RCH)	Chem 331 Equilibrium and Analysis (5)	
Year 3 + 14 Grad credits	Chem341 Thermodynamics and Kinetics (4)	Chem361 Inorganic Chemistry (4) (WI)	ED510 Foundations of Teaching (3)
	Chem351 Biochemistry (4)	Chem421, 441, or 482 (3)	ED520 Adolescent Development (3)
	Chem480 Seminar (2)		ED530 Literacy (3)
			Ed560 Practicum I (2)
			Ed590 Teacher as Researcher I (3)
Year 4 28 Grad Credits	ED522 Learning Theories (4)	ED562 Practicum III (10)	
	ED531 Curriculum, Instruction, and Assessment (3)	ED581 The Professional Educator II (1)	
	ED540-544 Current Practices in Content Areas (1)	ED592 Teacher as Researcher III (2)	
	ED561 Practicum II (3)		
	ED580 The Professional Educator I		

	(2)		
	ED591 Teacher as Researcher II (2)		

	Fall	Spring	May Term/Summer
Year 1 34 Credits	ES1 (4)	ES2 (4)	ART246 Weaving Workshop (4)
	CHEM111 Principles of Chemistry (4) (A-QR)	CHEM 221 Organic Chemistry I (4)	
	Math 180 Calc A (5)	FILM215 Introduction to Film Studies (4)	
	ART200 Ceramics I (4)	THEA134 Applied Theatre: Costume Construction (1)	
		AWPE106 Introduction to Rhythm and Spin	
Year 2 35 Credits	Physics 125 Matter in Motion (With Calculus) (4)	Physics235 Analytical Physics II: Electromagnetism and Waves (With Calculus) (4)	EPIC Advantage
	CHEM 321 Organic II (4) (RCH)	CHEM 331 Equilibrium and Analysis (5)	Student research
	GER101 Basic German I (5)	GER346 Classic and Contemporary German Film (3) (D-I)	
	Math 180 Calc A (5)	GER102 Basic German II (5)	
		THEA130 Applied Theatre: Acting (1)	
Year 3 34 + 14 Grad credits	CHEM 341 Thermodynamics and Kinetics (4)	CHEM 361 Inorganic Chemistry (4) (WI)	ED510 Foundations of Teaching (3)
	CHEM 351 Biochemistry (4)	CHEM 421 Advanced Organic (3)	ED520 Adolescent Development (3)
	ANCS130 Damn the Gods (3) (D-I)	SOAN118 Inequalities, Power and Society (4)	ED530 Literacy (3)
	CHEM 480 Seminar (2)	FILM349 National Security Policy via Film (3)	Ed560 Practicum I (2)
	FILM299 Religion and Culture of Hip Hop (4)	FILM382 Artists in Film (3)	Ed590 Teacher as Researcher I (3)
	AWPE160 Indoor Soccer		
Year 4	ED522 Learning Theories (4)	ED562 Practicum III (10)	

28 Grad Credits	ED531 Curriculum, Instruction, and Assessment (3)	ED581 The Professional Educator II (1)	
	ED540-544 Current Practices in Content Areas (1)	ED592 Teacher as Researcher III (2)	
	ED561 Practicum II (3)		
	ED580 The Professional Educator I (2)		
	ED591 Teacher as Researcher II (2)		

General Education requirements checklist:

UGESem I

UGESem II

UG6 credit hours in Humanities (not language requirement)

UG6 credit hours in Natural Sciences

UG6 credit hours in Social Sciences

UG6 credit hours in Visual and Performing Arts

UG3 credit hours in abstract or quantitative analytical reasoning

UG3 credit hours in Diversity – Domestic

UG3 credit hours in Diversity – International

UG10 credit hours in a language or test out

4 Wellness courses or a varsity sport and 2 wellness courses or two varsity sports

Writing Intensive within the major

Immersive experience

Research

36 Upper levels

120 total credits 103 from UG