

Course Subject and Title <i>(courses in bold/shading are critical)</i>	Hrs	Upper Division	Completed Transfer Pathway: <input type="checkbox"/> MAPP <input type="checkbox"/> TAG <input type="checkbox"/> ATP <input type="checkbox"/> None		Completed General Education: <input type="checkbox"/> AGECE <input type="checkbox"/> IGETC/CSUGE <input type="checkbox"/> None	
			Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
TERM ONE: 0-15 CREDIT HOURS						
ASU 101: The ASU Experience	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> ASU 101 is for ASU freshman students only. Not required of transfer students An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in mathematics course Minimum 2.50 ASU cumulative and critical content area course GPA recommended HST 109 recommended for HU/H to cover U.S. constitution certification requirement 	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C		
MAT 270: Calculus with Analytic Geometry I (MA)	4	<input type="checkbox"/>		Grade of C		
CHM 113: General Chemistry I (SQ)	4	<input type="checkbox"/>		Grade of C		
Humanities, Fine Arts, and Design (HU) with Historical awareness area (H)	3	<input type="checkbox"/>				
TERM TWO: 16-30 CREDIT HOURS						
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> Minimum 2.50 ASU cumulative and critical content area course GPA recommended 	
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	<input type="checkbox"/>		Grade of C		
CHM 116: General Chemistry II (SQ)	4	<input type="checkbox"/>		Grade of C		
MAT 271: Calculus with Analytic Geometry II (MA)	4	<input type="checkbox"/>		Grade of C		
Humanities, Fine Arts, and Design (HU) with Global awareness area (G)	3	<input type="checkbox"/>				
TERM THREE: 31-45 CREDIT HOURS						
CHM 233: General Organic Chemistry I and CHM 237: General Organic Chemistry Laboratory I	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105 Minimum 2.50 ASU cumulative and critical content area course GPA required MILESTONE: Submit Intent to Progress form (online) 	
Humanities, Fine Arts, and Design (HU) OR Social and Behavioral Sciences (SB)	3	<input type="checkbox"/>				
PHY 111: General Physics and PHY 113: General Physics Laboratory (SQ)	4	<input type="checkbox"/>		Grade of C		
Social and Behavioral Sciences (SB)	3	<input type="checkbox"/>				
EDT 180: Computer Literacy (CS) or EDT 321: Computer Literacy (CS)	3	<input type="checkbox"/>				
TERM FOUR: 46-60 CREDIT HOURS						
CHM 234: General Organic Chemistry II and CHM 238: General Organic Chemistry Laboratory II	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> Minimum 2.50 ASU cumulative and critical content area course GPA required Must complete BLE 220 with a grade of "C" or better Compete CS Must complete at least 56 credits to progress into PTPP MILESTONE: Attend PTPP Workshop 	
PHY 112: General Physics and PHY 114: General Physics Laboratory (SQ)	4	<input type="checkbox"/>		Grade of C		
CHM 325: Analytical Chemistry and CHM 326: Analytical Chemistry Laboratory	4	<input checked="" type="checkbox"/>		Grade of C		
BLE 220: Foundations of Structured English Immersion	3	<input type="checkbox"/>		Grade of C		
TERM FIVE: 61-75 CREDIT HOURS						
CHM 341: Elementary Physical Chemistry (CHM 345: Physical Chemistry I and CHM 346: Physical Chemistry II can be used as substitutes)	3-4	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> Minimum 2.50 ASU cumulative GPA Must possess valid DPS fingerprint clearance card to participate in field experience 	
TEL 311: Instruction and Management in the Inclusive Classroom (C)	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 313: Educational Technology in the K-12 Curriculum	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 314 Classroom Assessment	3	<input checked="" type="checkbox"/>		Grade of C		
TEL 315: Child and Adolescent Development (L or SB)	3	<input checked="" type="checkbox"/>		Grade of C		
SED 396: Field Experience I	1	<input checked="" type="checkbox"/>		Grade of Y		
TERM SIX: 76-90 CREDIT HOURS						
BCH 361: Principles of Biochemistry OR CHM 302: Environmental Chemistry OR CHM 453: Inorganic Chemistry	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> Minimum 2.50 ASU cumulative GPA 	
BLE 407: SEI for Secondary Students	3	<input checked="" type="checkbox"/>		Grade of C		
SPE 417: Inclusion Practices at the Secondary Level	3	<input checked="" type="checkbox"/>		Grade of C		
RDG 323: Literacy Processes in Content Areas	3	<input checked="" type="checkbox"/>				
CHM 480: Methods of Teaching Chemistry	3	<input checked="" type="checkbox"/>		Grade of C		
SED 397: Field Experience II	1	<input checked="" type="checkbox"/>		Grade of Y		

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TERM SEVEN: 91-105 CREDIT HOURS					
BCH 361: Principles of Biochemistry OR CHM 302: Environmental Chemistry OR CHM 453: Inorganic Chemistry	3	<input checked="" type="checkbox"/>		Grade of C	• Minimum 2.50 ASU cumulative GPA
SED 321: Critical Issues in Secondary Education (L)	3	<input checked="" type="checkbox"/>		Grade of C	
SED 322: Classroom Leadership in Secondary Schools	3	<input checked="" type="checkbox"/>		Grade of C	
SED methods course (See advisor to select course)	3	<input checked="" type="checkbox"/>		Grade of C	
SED 496: Field Experience III	1	<input checked="" type="checkbox"/>		Grade of Y	
TERM EIGHT: 106-120 CREDIT HOURS					
SED 478: Student Teaching in the Secondary School	8-12	<input checked="" type="checkbox"/>		Grade of Y	• Minimum 2.50 ASU cumulative GPA

Graduation Requirements Summary:

Total Hours (120 minimum)	Total UD Hours (minimum 45)	Cumulative GPA (2.50 minimum required by major)	Total Hrs at ASU (minimum 30)	Resident Credit for Academic Recognition (minimum 56)	Total Community College Hrs. (maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) (6 credit hours)
 - Mathematical Studies (MA) (3 credit hours)
 - Computer/Statistics/Quantitative applications (CS) (3 credit hours)
 - Humanities, Fine Arts, and Design (HU) (6–9 credit hours)
 - Social and Behavioral Sciences (SB) (6–9 credit hours)
 - Natural Sciences–Quantitative (SQ) (–8 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
 - Natural Sciences–General (SG) (0–4 credit hours) (cumulative SQ/SG credit must equal 8 credit hours)
- General Studies Awareness Requirements
 - Cultural Diversity in the U.S. (C) (3 credit hours) (may be combined with other general studies requirements.)
 - Global Awareness (G) (3 credit hours) (may be combined with other general studies requirements.)
 - Historical Awareness (H) (3 credit hours) (may be combined with other general studies requirements.)
- First-Year Composition (ENG 101 and 102 OR ENG 107 and 108 or ENG 105)

Additional Notes:

Please check course availability in your specialization area, as some courses are not offered every semester.

The requirements outlined on this major map meet ASU's graduation requirements for this catalog year and major; however, certification requirements are determined by the Arizona Department of Education (ADE) and are subject to change. Occasionally, additional courses, which are not outlined on this major map, may be required to obtain certification and/or an Institutional Recommendation. It is highly recommended that you speak with your advisor regarding any certification updates or changes.