

Major Map: African & African American Studies -Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

			Competed Trai	nsfer Pathway: TAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
TERM ONE: 0-15 CREDIT HOURS	1113.	Division	Course/Grade	required	Additional Critical Requirement (votes	
AFS 200: Introduction to Africa and African Diaspora Studies (SB, G, H)	3			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition	
ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students	3			Grade of C	ASU Math Placement Exam score determines placement in Mathematics course	
MAT 142 College Mathematics (MA)	3			Grade of C	Consult academic advisor for Learning	
Second Language	4			Grade of C	Community, Academic Success Clusters and First Year Seminar options.	
Academic Success Class or First Year Seminar	1				All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar Complete First-Year Composition by the end of term 3 Complete Math requirement, MAT 142 or higher, by the end of term 3	
TERM TWO: 16-30 CREDIT HOURS ENG 101 and 102: First-Year Composition OR	1				Complete First-Year Composition by the end of	
ENG 107 and 102. First- rear Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students	3			Grade of C	term 3 • Complete Math requirement, MAT 142 or	
Lower Division Related Area	3			Grade of C	higher, by the end of term 3	
Second Language	4			Grade of C	Selection of general studies courses will be by elective courses taken to fulfill the major	
Computer/Statistics/Quantitative applications (CS)	3					
Humanities, Fine Arts, and Design (HU) with Cultural Diversity Awareness in the United States (C)	3					
TERM THREE: 31-45 CREDIT HOURS					Complete Math requirement, MAT 142 or	
Concentration Elective (see notes)	3			Grade of C	Complete Math requirement, MAT 142 or higher, by the end of term 3	
Second Language	4			Grade of C	Complete First-Year Composition by the end of	
Natural Science – Quantitative (SQ) or General (SG)	3				term 3 • Selection of general studies courses will be by	
Literacy and Critical Inquiry (L) Humanities, Fine Arts, and Design (HU)	3				elective courses taken to fulfill the major	
TERM FOUR: 46-60 CREDIT HOURS	3				,	
AFH 305: Global History of the Trans-Atlantic Slave Trade	3	\boxtimes		Grade of C	Selection of general studies courses will be by	
Complete <i>one</i> of the following: AFH 300: Pre-colonial Africa (SB, G, H) OR AFS 301: Race and Racism in Africa/African Diaspora (SB, G) OR AFS 394: History of Black Women in America	3	⊠		Grade of C	elective courses taken to fulfill the major	
Second Language	4			Grade of C		
Natural Science – Quantitative (SQ)	4					
Social and Behavioral Sciences (SB)	3					
TERM FIVE: 61-75 CREDIT HOURS						
Complete <i>one</i> of the following: AFH 300: Pre-colonial Africa (SB, G, H) OR AFS 301: Race and Racism in Africa/African Diaspora (SB, G) OR AFS 394: History of Black Women in America	3			Grade of C	Selection of general studies courses will be by elective courses taken to fulfill the major	
Upper Division Concentration Elective	3			Grade of C		
Upper Division Related Area	3			Grade of C		
Upper Division Literacy and Critical Inquiry (L)	3					
General Elective	3					
TERM SIX: 76-90 CREDIT HOURS						
Upper Division Concentration Elective	3			Grade of C		
Upper Division Related Area	3			Grade of C		
General Elective General Elective	3					
Upper Division General Elective	3					
TERM SEVEN: 91-105 CREDIT HOURS	J	<u> </u>				
Concentration Elective	3			Grade of C		
Upper Division Related Area	3	⊠		Grade of C	1	
Upper Division General Elective	3					
Upper Division General Elective	3	\boxtimes				
General Elective	3					



Major Map: African & African American Studies – Bachelor of Arts (B.A.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Course Subject and Title		Upper	Transfer	Minimum Grade if	
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes
TERM EIGHT: 106-120 CREDIT HOURS					
AFR 498: Professional Seminar	3	\boxtimes		Grade of C	
Upper Division Related Area	3			Grade of C	
Upper Division Concentration Elective	3	\boxtimes		Grade of C	
General Elective	2				

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition (56 minimum)	Major GPA (2.000 Min.)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

There are five concentration areas for the degree: Africa, The Americas, Gender and Family Studies, Cultural Studies, and Politics & Society. The student must choose one concentration from which to complete 15 total semester hours. Students must see the unit's academic advisor for a list of courses that may be used in the student's chosen concentration.

Related Areas: Students must take 15 semester hours in related areas, which may include additional 3 semester-hour courses in AFR, AFS, or AFH, plus courses in other departments as long as the desired course contains at least fifty percent African, Caribbean, Afro-Latin American or African American content. These courses will be selected with the unit academic advisor.

No courses may be used to satisfy more than one requirement in the major.



Major Map: American Indian Studies – Bachelor of Science (B.S.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

			Competed Transfer Pathway: □ MAPP □TAG □ATP □None		Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirements Notes
TERM ONE: 0-15 CREDIT HOURS					
AIS 180: Intro to American Indian Studies (C)	3				An SAT, ACT, Accuplacer, or TOEFL score
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	determines placement into first-year composition courses • ASU Math Placement Exam score
Natural Science – Quantitative (SQ)	4				determines placement in Mathematics course
Elective	3				All freshmen are required to pass an academic success class and therefore must
Academic Success Class or First Year Seminar	1				enroll in an Academic Success Cluster and/or a First Year Seminar
TERM TWO: 16-30 CREDIT HOURS					
AIS 280: American Indian Sovereignty & the Courts (H, C)	3			Grade of C	First-year composition requirement must be
MAT 142 College Mathematics (MA)	3			Grade of C	completed by end of term 3 • MAT 142 (or higher) (MA) must be
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	completed by end of term 2
Social and Behavioral Sciences (SB)	3				
Elective or course for a minor	3				
TERM THREE: 31-45 CREDIT HOURS					
AIS 370: American Indian Languages & Cultures (C)	3	\boxtimes		Grade of C	First-Year Composition Completed
Natural Sciences (SG or SQ)	4				
Humanities, Fine Arts, and Design (HU)	3				
AIS emphasis area course	3				
Elective	3				
TERM FOUR: 46-60 CREDIT HOURS					
AIS 285:Federal Indian Policy (H, C)	3			Grade of C	All critical courses must be completed by end
AIS 380: Contemporary Issues of American Indian Nations	3	\boxtimes		Grade of C	of term 4
Computer/Statistics/Quantitative applications (CS)	3				
Social and Behavioral Science (SB) and Global Awareness (G)	3				
Elective or course for a minor	3				
TERM FIVE: 61-75 CREDIT HOURS					
JUS 302: Basic Statistical Analysis in Justice Studies (CS)	3	\boxtimes			
AIS emphasis area course	3				
Upper division AIS emphasis area course	3	\boxtimes			
Upper division Science & Society course	3	\boxtimes		Grade of C	
Elective or course for a minor	3				
TERM SIX: 76-90 CREDIT HOURS					
Upper division AIS emphasis area course	3	\boxtimes			
Upper division Science & Society course	3			Grade of C	
Humanities, Fine Arts, and Design (HU)	3				
Literacy and Critical Inquiry (L) (recommend ASB 321: Indians of the Southwest)	3				
Elective or course for a minor	3				
TERM SEVEN: 91-105 CREDIT HOURS					
AIS 420 American Indian Studies Research Methods (L)	3			Grade of C	
Upper division AIS emphasis area course	3	\boxtimes			
Upper division Humanities, Fine Arts, and Design (HU) OR Social and Behavioral Sciences (SB)	3	\boxtimes			
Upper division elective or course for a minor	3	\boxtimes			
Elective or course for a minor	3				
TERM EIGHT: 106-120 CREDIT HOURS					
AIS 498: Pro Seminar	3	\boxtimes		Grade of C	
AIS 484: Internship	3	⊠		Grade of C	
Upper division AIS emphasis area course	3				
Upper division elective or course for a minor	3	\boxtimes			
Upper division elective or course for a minor	3				



Major Map: American Indian Studies -

Bachelor of Science (B.S.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

There is room in this roadmap to add a concurrent degree, a minor or a certificate.



Major Map: Anthropology – Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

			Competed Transfer Pathway: □ MAPP □TAG □ATP □None		Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
TERM ONE: 0-15 CREDIT HOURS	IIIS.	Division	Course/Grade	Minimum Grade ii Required	Additional Critical Tracking Notes	
ASB 102: Introduction to Cultural & Social Anthropology (SB, G) OR ASM 104: Bones, Stones and Human Evolution (SG) OR ASB 222: Buried Cities and Lost Tribes (HU/SB, G, H)	3-4			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses	
MAT 142: College Mathematics or higher (MA)	3			Grade of C	ASU Math Placement Exam score	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	determines placement in Mathematics course • 6 credits each required in Archaeology,	
Second Language:	4				Physical Anthropology, Sociocultural Anthropology.	
Humanities, Fine Arts, and Design (HU):	3				Complete Mathematical Studies (MA) by	
Academic Success Class or First Year Seminar	1				semester 4. Field School Opportunities: (Archaeological, Physical or Ethnographic) can be used toward the distribution requirements in place of on campus courses. 2.5 cumulative GPA in critical courses recommended. ASB 223: Buried Civilizations for the Americas may substitute for ASB 222. All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar	
TERM TWO: 16-30 CREDIT HOURS						
Select one course from the following list (not already completed): ASB 102: Introduction to Cultural & Social Anthropology (SB, G) OR ASM 104: Bones, Stones and Human Evolution (SG) OR ASB 222: Buried Cities and Lost Tribes (HU/SB, G, H)	3-4			Grade of C	2.5 cumulative GPA in critical courses recommended. ASB 223: Buried Civilizations for the Americas may substitute for ASB 222.	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	Complete Mathematical Studies (MA) requirement	
Second Language	4					
Natural Science – Quantitative (SQ)	4					
TERM THREE: 31-45 CREDIT HOURS				,		
Select one course from the following list (not already completed): ASB 102: Introduction to Cultural & Social Anthropology (SB, G) OR ASM 104: Bones, Stones and Human Evolution (SG) OR ASB 222: Buried Cities and Lost Tribes (HU/SB, G, H)	3-4			Grade of C	Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105.	
STP *** (CS)	3			Grade of C	ASB 223: Buried Civilizations for the American may substitute for ASB 222	
Awareness Area – Cultural (C):	3				Americas may substitute for ASB 222. 2.5 cumulative GPA in critical courses	
Second Language	4				recommended.	
Elective	3					
TERM FOUR: 46-60 CREDIT HOURS						
Geographic Area Course - Archeology, Physical or Ethnographic ASB or ASM course (see advisor for course list)	3	\boxtimes		Grade of C	Complete second language	
ASB (Soc/Cult) Upper Division Elective	3	⊠		Grade of C		
Second Language	4					
Upper Division Elective	3	⊠				
Elective	3					
TERM FIVE: 61-75 CREDIT HOURS						
Geographic Area Course: Archy/Physical or Ethnographic Course	3	\boxtimes		Grade of C		
ASM (Physical) Upper Division Elective	3	⊠		Grade of C		
Literacy and Critical Inquiry (L)	3					
Social and Behavioral Sciences Course (SB)	4					
Elective	1					
TERM SIX: 76-90 CREDIT HOURS						
ASB/ASM (Archaeology) Upper Division Elective ASB/ASM (Archaeology) Upper Division Elective (Theory and Methods Intensive Course)	3			Grade of C Grade of C		
ASB/ASM Elective	3			Grade of C	1	
Upper Division Literacy and Critical Inquiry (L)	3	⊠]	
Elective	3					



Major Map: Anthropology - Bachelor of Arts (B.A.)

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College o	of Liberal	Arts & Sciences Catalog Year: 2010-2011	

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
TERM SEVEN: 91-105 CREDIT HOURS					
ASB 480: Principles of Linguistics OR (SB) ASB 481: Language and Culture OR (SB)					
ASB 483: Sociolinguistics and the Ethnography of Communication (SB)	3	\square		Grade of C	
ASB/ASM Upper Division Elective	3	\boxtimes		Grade of C	
ASB/ASM Upper Division Elective	3	\boxtimes		Grade of C	
Upper Division Elective	3	\boxtimes			
Elective	3				
TERM EIGHT: 106-120 CREDIT HOURS					
Upper Division Elective	3	\boxtimes			
Upper Division Elective	3	\boxtimes			
Upper Division Elective	3	\boxtimes			
Elective	3				

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA) 0
 - 0 Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) 0
 - 0 Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - 0 Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

There is room in this roadmap to add a concurrent degree, a minor or a certificate.



Major Map: Applied Math for the Life and Social Sciences – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

		Competed Tran ☐ MAPP ☐	nsfer Pathway: TAG	Completed General Education: □AGEC □IGETC/CSUGE □None			
Course Subject and Title		Upper	Transfer	Minimum Grade if			
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes		
TERM ONE: 0-15 CREDIT HOURS	3			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score		
AML 100: Intro to Applied Math for the Life and Social Sciences	3			Grade of C	determines placement into 1st year composition		
MAT 270: Calculus with Analytic Geometry I (MA) (or pre-req MAT 170: Precalculus based on Math Placement Exam score)	4			Grade of C	ASU Math Placement Exam score determines placement in Mathematics course		
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	Minimum grade of C required in all MAT classes; grade of B or better strongly correlated with timely graduation Consult academic advisor for Learning		
BIO 187: General Biology I (SG) (needed for upper-division life sciences)	4				Community, Academic Success Clusters, and First Year Seminar options		
Academic Success Class or First Year Seminar (required for freshmen only, transfers must still meet 120 total hours)	1						
TERM TWO: 16-30 CREDIT HOURS CSE 100: Principles of Programming with C++ (CS) OR					Minimum grade of C required in all MAT and		
CSE 110: Principles of Programming with Java (CS)	3			Grade of C	Minimum grade of C required in all MAT and STP classes; grade of B or better strongly		
MAT 271: Calculus with Analytic Geometry II (or MAT 270 if not completed in term 1)	4			Grade of C	correlated with timely graduation Students should take SOC 101, ASB 102, PSY 101, POS 101, or any other intro Social Science		
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	Course to be able to take upper-division electives in the Social Science track.		
Social & Behavioral Science AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H)	3						
BIO 188: General Biology II (SQ) (needed for upper-division life	4				-		
sciences)	4						
TERM THREE: 31-45 CREDIT HOURS MAT 272: Calculus with Analytic Geometry III (or MAT 271 if not completed in term 2)	4			Grade of C			
CLAS Science and Society	3			Grade of C	First-Year Composition completed by the end of		
Literacy and Critical Inquiry (L)	3				Minimum grade of C required in all MAT classes; grade of B or better strongly correlated		
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H)	3				with timely graduation		
General Elective	3						
TERM FOUR: 46-60 CREDIT HOURS							
MAT 272: Calculus with Analytic Geometry III or if completed, take MAT 274: Elementary Differential Equations or MAT 275: Modern Differential Equations	3			Grade of C	Minimum grade of C required in all MAT		
AML 253: Modeling in the Life and Social Sciences	3			Grade of C	classes; grade of B or better strongly correlated with timely graduation		
Upper division Life Science, Social Science, or Applied Math Course	3	⊠		Grade of C	Students MUST take at least 2 UD electives in each of the following tracks: Life Sciences,		
Social & Behavioral Science (SB)	3				Social Sciences, and Applied Math		
General Elective	3						
TERM FIVE: 61-75 CREDIT HOURS							
MAT 274: Elementary Differential Equations <i>or</i> MAT 275: Modern Differential Equations or if completed, take MAT 342: Linear Algebra <i>or</i> MAT 343: Applied Linear Algebra	3			Grade of C	Minimum grade of C required in all MAT classes; grade of B or better strongly correlated with timely graduation Students MUST take at least 2 UD course in		
Upper division Life Science, Social Science, or Applied Math Course	3			Grade of C	each of the following tracks: Life Sciences, Social Sciences, and Applied Math (see course		
Upper division Life Science, Social Science, or Applied Math Course	3	\boxtimes		Grade of C	lists on page2)		
Humanities, Fine Arts & Design (HU)	3						
General Elective	3						
TERM SIX: 76-90 CREDIT HOURS							
MAT 342: Linear Algebra <i>or</i> MAT 343: Applied Linear Algebra or if completed, take Upper division general elective	3	\boxtimes		Grade of C			
Upper division Life Science, Social Science, or Applied Math Course	3	\boxtimes		Grade of C	1		
Upper division Life Science, Social Science, or Applied Math Course	3			Grade of C	1		
Complete remaining awareness area course: Cultural Diversity in the US (C) Global Awareness (G) OR Historical Awareness (H) Or if all awareness areas completed, take general elective	3						
Upper division general elective	3	⊠			1		



Major Map: Applied Math for the Life and Social Sciences -Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM SEVEN: 91-105 CREDIT HOURS					
Upper division Life Science, Social Science, or Applied Math Course	3	\boxtimes		Grade of C	
Upper division Elective in Life Science, Social Science, Applied Math, or Mathematics Education	3			Grade of C	
Upper division Literacy and Critical Inquiry (L)	3	\boxtimes			
Upper division Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB)	3				
Upper division CLAS Science and Society	3	\boxtimes		Grade of C	
TERM EIGHT: 106-120 CREDIT HOURS					
AML 406: Directed Reading and Research for AMLSS Education	3	\boxtimes		Grade of C	
Upper division Elective in Life Science, Social Science, Applied Math, or Mathematics Education	3	\boxtimes		Grade of C	
Upper division Elective in Life Science, Social Science, Applied Math, or Mathematics Education	3	\boxtimes		Grade of C	
Upper division Elective in Life Science, Social Science, Applied Math or Mathematics Education	3	×		Grade of C	

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition	Major GPA (2.600 Min.)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)
·	•	(56 minimum)		·	

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Upper division Life Science, Social Science, or Applied Math Course and Upper division Elective in Life Science, Social Science, Applied Math, or Mathematics Education

Upper division Life Science, Social Science and Applied Math Tracks (18 hours)

Students MUST take at least 2 UD course in each of the following tracks: Life Sciences, Social Sciences, and Applied Math Life Sciences

BIO 320 Fundamentals of Ecology (3) L

BIO 321 Introductory Ecology Laboratory (2)

BIO 336 (Could not find in catalog)

BIO 406 Computer Applications in Biology (3) CS

BIO 410 Techniques in Wildlife Conservation Bio (3) L

BIO 411 Quantitative Conservation Biology (3)

BIO 415 Biometry (4) CS

GCU 495 Quantitative Methods in Geography (3) CS

GCU 496 Geographic Research Methods (3) L

GPH 370 Geographic Information Technologies (3) CS

GPH 371 Intro to Cartography and Georepresentation (3) CS

GPH 483 Geographic Information Analysis (3)

ASM 345 Disease and Human Evolution (3)

ASM 465 Quantification and Analysis for Anthropology (3)

JUS 301 Research in Justice Studies (3) SB

JUS 302 Basic Statistical Analysis in Justice Studies (3) CS

Social Sciences

POS 301 Empirical Political Inquiry (3) SB

BIO 469 Computational Neuroscience (4)

POS 401 Political Statistics (3) CS

BIO 417 Experimental Design (3)

POS 485 Political Economy (3) SB

SOC 331 Environmental Sociology (3) SB & G

BIO 424 Mathematical Models in Ecology (4)

BIO 423 Population and Community Ecology (2-3)

BIO 455 Introduction to Comparative Genomics (3)

BIO 456 Bioinformatics and Molecular Evolution (3)

BCH 361 Principles of Biochemistry (3)

SOC 390 Social Statistics (3) SB & G

SOC 391 Sociological Research (3) L or SB

SOC 433 Applied Demography (3) SB SOC 448 Epidemics and Society (3 SB & G)

ECN 384 Economics of Social Behavior (3) SB

Applied Mathematics

MAT 343 Applied Linear Algebra (3)

MAT 351 Mathematical Methods for Genetic Analysis (3)

MAT 355 Intro to Computational Molecular Bio (3)

MAT 300 Mathematical Structures (3) L

MAT 371 Advanced Calculus (3) MAT 451 Mathematical Modeling (3)

MAT 362 Adv Math for Engineers and Scientists (3)



Major Map: Applied Math for the Life and Social Sciences – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Upper division Elective in Life Science, Social Science, Applied Math, or Mathematics Education (12 hours)

Students have the flexibility of taking the remaining 12 credit hours in any combination of the life sciences, social sciences, applied math (listed above) and/or mathematics education listed below. Suggested courses for students interested in focusing in one area are listed below.

Life Science

Additional life science courses from the list above

Social Science

Additional social science courses from the list above

Applied Math

At least <u>two</u> additional applied mathematics courses from "e" above <u>One probability course</u> (highly recommended) *STP 421 Probability* (3) <u>One statistics course</u> (highly recommended) *STP 420 Introductory Applied Statistics* (3) CS

Mathematics Education Courses*

MAT 371 Advanced Calculus (3)

MAT 451 Mathematical Modeling (3)

MAT 343 Applied Linear Algebra (3)

MAT 351 Mathematical Methods for Genetic Analysis (3)

MAT 355 Intro to Computational Molecular Bio (3)

MAT 362 Adv Math for Engineers and Scientists (3)

One probability course (highly recommended) STP 326 Intermediate Probability (3) CS or STP 421 Probability

One statistics course (highly recommended) STP 226 Elements of Statistics (3) or

STP 231 Statistics for Life Sciences (3) CS or STP 420 Introductory Applied Statistics (3) CS



Major Map: Asia Studies (East Asia) – Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

			Competed Tran	nsfer Pathway: TAG	Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title		Upper	Transfer			
(courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS	Hrs.	Division	Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
Pan Asia Course	3			Grade of C	All freshmen are required to pass an academic	
[Recommend HST 106 (HU or SB, G, H) or HST 107 (SB, G, H)] –	3			Grade of C	success class and therefore must enroll in an	
see list below					Academic Success Cluster and/or a First-Year	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR	3			Grade of C	Seminar • The sequence of required and elective courses	
ENG 107 and 108. English for Poteign Students OR ENG 105: Advanced First-Year Composition					will vary with each student according to	
MAT 142: College Mathematics or higher (MA)	3			Grade of C	individual choices and the yearly schedule of	
Second Language (must be Chinese, Japanese or Korean)	5			Grade of C	classes. HST 496, the capstone course must be taken in the final year	
Academic Success Class or First Year Seminar	1				taken in the imai year	
TERM TWO: 16-30 CREDIT HOURS						
Pan Asia Course [Recommend ARS 201 (HU, G, H) or HST 201 (SB, H)] – see list below	3			Grade of C	East Asia students must follow either a Chinese or Japanese track within the East Asia Major.	
ENG 101/107: First-Year Composition/English for Foreign Students ENG 102/108: First-Year Composition/ English for Foreign Students ENG 105: Advanced First-Year Composition	3			Grade of C		
Natural Science – Quantitative or General (SQ/SG)	4					
Second Language (must be Chinese, Japanese or Korean)	5					
TERM THREE: 31-45 CREDIT HOURS						
HST/REL 111: Introduction to Asia or HST/REL194: Introduction to Asia	3			Grade of C	East Asia students must follow either a Chinese or Japanese track within the East Asia Major.	
East Asia Elective (China, Japan or Korea) – see list below	3			Grade of C	Complete First-Year Composition requirement.	
Second Language (must be Chinese, Japanese or Korean)	5			Grade of C in 202	Complete Mathematical Studies (MA) requirement.	
Literacy & Critical Inquiry (L)	3				requirement.	
Elective	1					
TERM FOUR: 46-60 CREDIT HOURS						
Outside East Asia Course (South or Southeast Asia) – see list below	3			Grade of C	East Asia students must follow either a Chinese or Japanese track within the East Asia Major.	
East Asia Concentration Track (Chinese or Japanese) – see list below	3			Grade of C	See advisor for proscribed list of applicable courses.	
Second Language (must be Chinese, Japanese or Korean)	5			Grade of C in 202		
Natural Science – Quantitative (SQ)	4					
TERM FIVE: 61-75 CREDIT HOURS	2	\square	İ	Condo of C	East Asia students must follow either a Chinese	
East Asia Concentration Track (Chinese or Japanese) – see list below East Asia Elective (China, Japan or Korea) – see list below	3			Grade of C Grade of C	or Japanese track within the East Asia Major.	
Outside East Asia Course (South or Southeast Asia) – see list below	3			Grade of C	See advisor for proscribed list of applicable	
Computer/Statistics/Quantitative (CS)	3			Grade of C	courses.	
Upper division Elective	3					
TERM SIX: 76-90 CREDIT HOURS	3					
East Asia Elective (China, Japan or Korea) – see list below	3	\boxtimes		Grade of C	East Asia students must follow either a Chinese	
East Asia Concentration Track (Chinese or Japanese) – see list below	3	⊠		Grade of C	or Japanese track within the East Asia Major.	
Cultural Diversity in the US (C)	3			Grade of C	See advisor for proscribed list of applicable	
Upper division elective	3				courses.	
Upper division elective	3	\boxtimes				
TERM SEVEN: 91-105 CREDIT HOURS						
Outside East Asia Course (South or Southeast Asia) – see list below	3	\boxtimes		Grade of C	East Asia students must follow either a Chinese	
East Asia Concentration Track (Chinese or Japanese) – see list below	3			Grade of C	or Japanese track within the East Asia Major.	
Humanities, Fine Arts, and Design (HU)	3				See advisor for proscribed list of applicable courses.	
Upper division Literacy & Critical Inquiry (L)	3			Grade of C		
Upper division elective	3					
TERM EIGHT: 106-120 CREDIT HOURS				<u> </u>		
HST 496: Asia Studies Capstone	3	\boxtimes		Grade of C	East Asia students must follow either a Chinese	
East Asia Concentration Track (Chinese or Japanese) – see list below	3			Grade of C	or Japanese track within the East Asia Major.	
Upper division elective	3				See advisor for proscribed list of applicable courses.	
Upper division elective	3	\boxtimes				
Elective	3					



Major Map: Asia Studies (East Asia) -Bachelor of Arts (B.A.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0 Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ)

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G) Historical Awareness (H) 0
- First-Year Composition

Additional Notes:

The Asian Studies Major, East Asia concentration, requires 20 credits or their equivalent in an East Asian language (ordinarily CHI, JPN, or KOR) and 45 credits in content courses (of which at least 24 must be upper division credits, i.e., from courses numbered 300 or above), as follows. Consult with your advisor regarding final course selection.

CONCENTRATION TRACK - CHINESE OR JAPANESE (15 hours)

Chinese track: REL 343: Daoism (L/HU, H. G) ARS 472: Art of China (HU) REL 346: Chinese Religions ARS 475: Chinese Painting (HU) SGS 494: China and Globalization CHI 205: Chinese Calligraphy CHI 321: Chinese Literature I (HU) Japanese track: CHI 322: Chinese Literature II (HU, G) ARS 473: Art of Japan (HU) CHI 345: Chinese Film and Civilization FLA 421: Japanese Literature in Translation (L/HU, G) CHI 413: Introduction to Classical Chinese (HU) FMS 394: History of Anime CHI 414: Introduction to Classical Chinese II (HU) HST 108: Introduction to Japan (SB, G, H) FLA 294: Introduction to Chinese Cinema HST 387: Japan I (L/SB, H)

FLA 420: Modern Chinese Literature in Translation (HU, G) HST 388: Japan II (SB, H, G) FLA 494: Traditional Chinese Fiction in Translation HST 389: Japanese Society and Values: Pre-modern HST 455: The United States and Japan (SB, H, G)

GCU 432: Geography of China I (SB, G) HPS 325: Chinese Science & Medicine (HU, G, H) JPN 206: Calligraphy

HST 383: China (SB, H) JPN 321: Japanese Literature HST 384: China (SB, H, G) JPN 414: Introduction to Classical Japanese

HST 385: Chinese Science & Medicine (HU, G, H) JPN 435: Advanced Readings HST 386: Interpreting China's Classics (L/HU, H) JPN 485: Problems of Translation

HST 451: Chinese Cultural History I (SB, H) POS 451: China, Japan and Korea (SB, G)

HST 452: Chinese Cultural History II (SB, H, G) HST 453: The People's Republic of China (SB, H, G) REL 344: Religion and Values in Japanese Life (HU, G) REL 355: Japanese Cities & Cultures to 1800 (L/HU, H)

HST 494: Historiography of China REL 444: Religion in Japan REL 494: Hiroshima: History and Memory

POS 451: China, Japan and Korea (SB, G)

POS 452: China (SB, G)

EAST ASIAN ELECTIVES (9 hours)

ARS 494: Buddhist Art Across Asia KOR 250: Korean Culture and Society

KOR 347: Korean Film and Literature

KOR 350: Women of Korea

REL 394: Folk Religion in Korea

ARS 201: Art of Asia (HU, G, H) GCU 326: Geography of Asia (SB, G)

HST 106: Asian Civilizations I (SB/HU, G, H) HST 107: Asian Civilizations II (SB, G, H) HST 201: Historical Themes in Asia (SB, H)

HST 303: Women in Asia (SB, H)

HST 310: Film as History (HU)

ARS 394: Art of India and South Asia

ARS 494: Buddhist Art Across Asia

ARS 494/ENG 465/FMS 494: South Asian Film

ASB 325: Peoples of Southeast Asia

DAN 194: Dances of India

ECN 436: International Trade Theory

ECN 394: South Asia and the World Economy

FLA 294/420: Southeast Asian Literature in

Translation

GCU 433: Geography of Southeast Asia

GRA 494: Cultural, Social and Commercial Issues

(winter term in India)

PAN/ACROSS ASIAN COURSES (6 hours):

POS 445: Asian Political Thought (SB, G)

POS 468: Comparative Asian Foreign Policy (SB, G)

PUP 494: International City Design

REL 345: Asian Religious Traditions (HU, G)

REL 350: Hinduism (L/HU, G)

REL 351: Buddhism (L/HU, G)

OUTSIDE EAST ASIA (9 hours)

HST/REL/ASB/GCU/POS/SGS 240: Intro to SEA

HST 303: History of Modern South Asia OR POS 357:

South Asian Politics

HST 391: Modern Southeast Asia

HST 456: Vietnam War

JUS 394: Information Tech. & Social Justice-beyond

First World Discourse

MHL 140: Music as Culture (for music majors only)

MUP 387: Gamelan

POS 358/360: Southeast Asia/Politics of Southeast

POS 468: Comparative Asian Foreign Policies

REL 294: Southeast Asia Global Crossroads

REL 347: Religions of Southeast Asia

REL/SGS 294: Intro to South Asia

REL 350: Hinduism

REL 352: Modern Buddhism

REL 356: Buddhism in America

REL 357: Buddhism in Southeast Asia REL/HST 365: Islamic Civilization

REL 394: Religions of India

REL 394: Women and Goddesses in India

SGS 394: Global Urban Systems



Major Map: Asia Studies (South Asia) – Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

			□ MAPP □	ISTER Pathway: FAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title		Upper	Transfer		
(courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS	Hrs.	Division	Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
Pan Asia Course [Recommend HST 106 (HU or SB, G, H) or HST 107 (SB, G, H)] – see list below	3			Grade of C	All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First-Year
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	Seminar The sequence of required and elective courses will vary with each student according to
MAT 142: College Mathematics or higher (MA)	3			Grade of C	individual choices and the yearly schedule of
Second Language (must be Hindi)	4			Grade of C	classes. HST 496, the capstone course must be taken in the final year
Academic Success Class or First Year Seminar	1				taken in the man year
TERM TWO: 16-30 CREDIT HOURS					
Pan Asia Course [Recommend ARS 201 (HU, G, H) or HST 201 (SB, H)] – see list below	3			Grade of C	
ENG 101/107: First-Year Composition/English for Foreign Students ENG 102/108: First-Year Composition/ English for Foreign Students ENG 105: Advanced First-Year Composition	3			Grade of C	
Second Language (must be Hindi)	4				
Computer/Statistics/Quantitative applications (CS)	3				
Elective TERM THREE: 31-45 CREDIT HOURS	3				
HST/REL 111: Introduction to Asia or HST/REL194: Introduction to Asia	3			Grade of C	 Complete First-Year Composition requirement. Complete Mathematical Studies (MA)
South Asia Elective (India, Pakistan, Nepal, Bhutan, Bangladesh) – see list below	3			Grade of C	requirement.
Second Language (must be Hindi)	4			Grade of C in 202	
Literacy & Critical Inquiry (L)	3				
Elective	2				
TERM FOUR: 46-60 CREDIT HOURS Outside South Asia Course (East or Southeast Asia) – see list	3			Grade of C	
below	,			Grade of C	
South Asia Concentration – see list below	3			Grade of C	
Second Language (must be Hindi)	4			Grade of C in 202	
Natural Science – Quantitative (SQ)	4				
TERM FIVE: 61-75 CREDIT HOURS South Asia Concentration – see list below	2	M	1	Grade of C	
South Asia Elective (India, Pakistan, Nepal, Bhutan, Bangladesh) –	3			Grade of C	
see list below				Grade of C	
Outside South Asia Course (East or Southeast Asia) – see list below	3			Grade of C	
Natural Science – Quantitative or General (SQ/SG)	4				
Upper division Elective	3	\boxtimes			
TERM SIX: 76-90 CREDIT HOURS South Asia Elective (India, Pakistan, Nepal, Bhutan, Bangladesh) – see list below	3			Grade of C	
South Asia Concentration – see list below	3			Grade of C	
Cultural Diversity in the US (C)	3				
Upper division elective	3				
Upper division elective	3				
TERM SEVEN: 91-105 CREDIT HOURS					
Outside South Asia Course (East or Southeast Asia) – see list below	3			Grade of C	
South Asia Concentration – see list below	3			Grade of C	
Humanities, Fine Arts, and Design (HU) Upper division Literacy & Critical Inquiry (L)	3			Grade of C	
Upper division elective	3			Grade of C	
TERM EIGHT: 106-120 CREDIT HOURS	,				
HST 496: Asia Studies Capstone	3	\boxtimes		Grade of C	
South Asia Concentration – see list below	3	⊠		Grade of C	
Upper division elective	3				
Upper division elective	3	⊠			
Elective	3				



Major Map: Asia Studies (South Asia) -Bachelor of Arts (B.A.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG) 0
 - General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - 0 Historical Awareness (H) 0
- First-Year Composition

The Asian Studies Major, South Asia Track, requires 20 credits or their equivalent in a South Asian language (ordinarily HIN)* and 45 credits in content courses (of which at least 24 must be upper division credits, i.e., from courses numbered 300 or above), as follows. Consult with your advisor regarding final course selection.

SOUTH ASIA CONCENTRATION (15 hours):

REL/SGS 294: Intro to South Asia (REQUIRED)

REL 394: Religions of India

REL 394: Women and Goddesses in India

REL 350: Hinduism

Additional Notes:

ARS 394: Art of India and South Asia

ECN 394: South Asia and the World Economy

HST 303: History of Modern South Asia

OR

POS 357: South Asian Politics

SOUTH ASIA ELECTIVES (9 hours):

JUS 394: Information Technology and Social Justice - beyond First World Discourse

MHL 140: Music as Culture (for music majors only) POS 360: The International Politics of the Asia-Pacific POS468: Comparative Asian Foreign Policies REL/HST 365: Islamic Civilization

ARS 494/ENG 465/FMS 494: South Asian Film ARS 494: Buddhist Art Across Asia

ECN 436: International Trade Theory

DAN 194: Dances of India

GRA 494: Commercial & Social Issues (winter term in India)

GRA 494: Cultural, Social and Commercial Issues (winter term in India)

PAN/ACROSS ASIAN COURSES (6 hours):

POS 445: Asian Political Thought

POS 468: Comparative Asian Foreign Policy

GCU 326: Geography of Asia PUP 494: International City Design REL 345: Asian Religious Traditions

REL 351: Buddhism

ARS 201: Art of Asia

HST 106: Asian Civilizations I (SB/HU, G, H) HST 107: Asian Civilizations II (SB, G, H)

HST 201: Historical Themes in Asia

HST 303: Women in Asia

HST 310: Film as History

ARS 472: Art of China (HU)

ARS 473: Art of Japan (HU)

OUTSIDE SOUTH ASIA (9 hours):

FMS 394: History of Anime HST 456: Vietnam War

GCU 432: Geography of China I (SB, G) HST 494: Historiography of China GCU 433: Geography of Southeast Asia JPN 206: Calligraphy

ARS 475: Chinese Painting (HU) HPS 325: Chinese Science & Medicine (HU, G, H) ARS 494: Buddhist Art Across Asia JPN 321: Japanese Literature

ASB 325: Peoples of Southeast Asia HST 108: Introduction to Japan (SB, G, H) JPN 414: Introduction to Classical Japanese

CHI 205: Chinese Calligraphy HST/REL/ASB/GCU/POS/SGS 240: Intro to SEA JPN 435: Advanced Readings CHI 321: Chinese Literature I (HU) HST 383: China (SB, H) JPN 485: Problems of Translation

CHI 322: Chinese Literature II (HÚ, G) HST 384: China (SB, H, G) JUS 394: Information Technology and Social Justicebeyond First World Discourse CHI 345: Chinese Film and Civilization HST 385: Chinese Science & Medicine (HU, G, H)

CHI 413: Introduction to Classical Chinese (HU) HST 386: Interpreting China's Classics (L/HU, H) KOR 250: Korean Culture and Society CHI 414: Introduction to Classical Chinese II (HU) HST 387: Japan I (L/SB, H) KOR 347: Korean Film and Literature

FLA 294: Introduction to Chinese Cinema HST 388: Japan II (SB, H, G) KOR 350: Women of Korea FLA 294/420: Southeast Asian Literature in HST 389: Japanese Society and Values: Pre-modern MUP 387: Gamelan

Translation HST 391: Modern Southeast Asia REL 294: Southeast Asia Global Crossroads FLA 420: Modern Chinese Literature in Translation HST 451: Chinese Cultural History I (SB, H) REL 343: Daoism (L/HU, H, G)

HST 452: Chinese Cultural History II (SB, H, G) REL 344: Religion and Values in Japanese Life (HU, (HU, G) FLA 421: Japanese Literature in Translation (L/HU, G) HST 453: The People's Republic of China (SB, H, G) FLA 494: Traditional Chinese Fiction in Translation HST 455: The United States and Japan (SB, H, G) REL 346: Chinese Religions



Major Map: Asia Studies (Southeast Asia) – Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

				ΓAG □ATP □None	□AGEC □IGETC/CSUGE □None	
Course Subject and Title	Hrs.	Upper Division	Transfer	Minimum Crada if Bassinad	Additional Critical Treating Notes	
(courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS	Hrs.	Division	Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
Pan Asia Course	3			Grade of C	 An SAT, ACT, Accuplacer, or TOEFL score 	
[Recommend HST 106 (HU or SB, G, H) or HST 107 (SB, G, H)] –					determines placement into first-year	
see list below ENG 101 and 102: First-Year Composition OR	3			Grade of C	composition courses • ASU Math Placement Exam score determines	
ENG 107 and 108: English for Foreign Students OR	,			Grade of C	placement in Mathematics course All freshmen	
ENG 105: Advanced First-Year Composition					are required to pass an academic success class	
MAT 142: College Mathematics or higher (MA)	3			Grade of C	and therefore must enroll in an Academic Success Cluster and/or a First-Year Seminar	
Second Language (must be Vietnamese, Thai, or Indonesian)	5			Grade of C in 202	The sequence of required and elective courses	
second Language (mast be victiamese, rhat, or machesian)				Grade of C III 202	will vary with each student according to	
					individual choices and the yearly schedule of classes. HST 496, the capstone course must be	
Academic Success Class or First Year Seminar	1				taken in the final year	
TERM TWO: 16-30 CREDIT HOURS						
Pan Asia Course	3			Grade of C		
[Recommend ARS 201 (HU, G, H) or HST 201 (SB, H)] – see list				Grade of C		
below	2			0 1 00		
ENG 101/107: First-Year Composition/English for Foreign Students ENG 102/108: First-Year Composition/ English for Foreign Students	3			Grade of C		
ENG 105: Advanced First-Year Composition						
Natural Science – Quantitative or General (SQ/SG)	4					
Second Language (must be Vietnamese, Thai, or Indonesian)	5			Grade of C in 202		
TERM THREE: 31-45 CREDIT HOURS			i e			
HST/REL 111: Introduction to Asia or HST/REL194: Introduction to Asia	3			Grade of C	 Complete First-Year Composition requirement. Complete Mathematical Studies (MA) 	
Southeast Asia Elective (Thailand, Malaysia, Indonesia, Philippines,	3			Grade of C	requirement.	
Cambodia, Vietnam, Laos, Singapore, Burma) – see list below				G 1 6G: 202		
Second Language (must be Vietnamese, Thai, Indonesian)	5			Grade of C in 202		
Literacy & Critical Inquiry (L)	3					
Elective TERM FOUR: 46-60 CREDIT HOURS	1					
Outside Southeast Asia Course (South or East Asia) – see list	3			Grade of C		
below	,			Grade of C		
Southeast Asia Concentration – see list below	3			Grade of C		
Second Language (must be Vietnamese, Thai, or Indonesian)	5			Grade of C in 202		
Natural Science – Quantitative (SQ)	4					
TERM FIVE: 61-75 CREDIT HOURS						
Southeast Asia Concentration (G) – see list below	3			Grade of C		
Southeast Asia Elective (Thailand, Malaysia, Indonesia, Philippines, Cambodia, Vietnam, Laos, Singapore, Burma) – see list below	3			Grade of C		
Outside Southeast Asia Course (South or East Asia) – see list below	3			Grade of C		
Computer/Statistics/Quantitative (CS)	3					
Humanities, Fine Arts, and Design (HU)	3					
TERM SIX: 76-90 CREDIT HOURS				!		
Southeast Asia Elective (Thailand, Malaysia, Indonesia, Philippines,	3	\boxtimes		Grade of C		
Cambodia, Vietnam, Laos, Singapore, Burma) – see list below Southeast Asia Concentration – see list below	3			Grade of C		
Cultural Diversity in the US (C)	3			Grade of C		
Upper division Humanities, Fine Arts, and Design (HU) or Social and	3					
Behavioral Sciences (SB)						
Upper division elective	3					
TERM SEVEN: 91-105 CREDIT HOURS						
Outside Southeast Asia Course (South or East Asia) – see list below	3	⊠		Grade of C		
Southeast Asia Concentration – see list below	3	⊠		Grade of C		
Upper division Elective	3	⊠				
Upper division Literacy & Critical Inquiry (L)	3	⊠				
Upper division elective	3	⊠				
TERM EIGHT: 106-120 CREDIT HOURS				0.1.63		
HST 496: Asia Studies Capstone	3			Grade of C		
Southeast Asia Concentration – see list below	3			Grade of C		
Upper division elective	3					
Upper division elective	3					
Elective	د					



Major Map: Asia Studies (Southeast Asia) -Bachelor of Arts (B.A.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

JUS 394: Information Technology and Social Justice -

Updated: 2/25/10

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G) 0
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:

The Asia Studies Major, Southeast Asia concentration, requires 20 credits or their equivalent in a Southeast Asian language (ordinarily VTN, THAI, or IND) and 39 credits in content courses (of which at least 24 must be upper division credits, i.e., from courses numbered 300 or above), as follows. Consult with your advisor regarding final course selection.

SOUTHEAST ASIA CONCENTRATION (15 hours):

HST/REL/ASB/GCU/POS/SGS 240: Intro to SEA (HU or SB, G) (REQUIRED)

ASB 325: Peoples of Southeast Asia (G) (REQUIRED) REL 347: Religions of Southeast Asia (REOUIRED)

HST 391: Modern Southeast Asia (SB, G, H) (REQUIRED)

POS 358: Southeast Asia (SB, G) (1 OF THE 2 ARE REQUIRED)

Page 2 of 2

SGS 394: Global Urban Systems (1 OF THE 2 ARE REQUIRED)

SOUTHEAST ASIA ELECTIVE COURSES (9 Hours)

ARS 494: Buddhist Art Across Asia POS 360: The International Politics of the Asia-Pacific FLA 294/420: Southeast Asian Literature in Translation POS 468: Comparative Asian Foreign Policies

GCU 433: Geography of Southeast Asia REL 294: Southeast Asia Global Crossroads REL 357: Buddhism in Southeast Asia

HST 456: Vietnam War (SB, G, H) JUS 394: Information Technology and Social Justice—beyond First World Discourse REL 352: Modern Buddhism

MUP 387: Gamelan REL 356: Buddhism in America

PAN/ACROSS ASIAN COURSES (6 hours)

GCU 326: Geography of Asia POS 445: Asian Political Thought

ARS 201: Art of Asia POS 468: Comparative Asian Foreign Policy HST 106/107: Asian Civilizations PUP 494: International City Design

HST 201: Historical Themes in Asia REL 345: Asian Religious Traditions

HST 303: Women in Asia REL 350: Hinduism HST 310: Film as History REL 351: Buddhism

OUTSIDE SOUTHEAST ASIA (9 hours)

ARS 394: Art of India and South Asia GRA 494: Cultural, Social and Commercial Issues ARS 494: Buddhist Art Across Asia (winter term in India)

beyond First World Discourse

ARS 494/ENG 465/FMS 494: South Asian Film KOR 250: Korean Culture and Society HPS 325: Chinese Science & Medicine (HU, G, H) KOR 347: Korean Film and Literature ARS 494: Buddhist Art Across Asia HST 108: Introduction to Japan (SB, G, H)

KOR 350: Women of Korea ARS 473: Art of Japan (HU) HST 303: History of Modern South Asia

ARS 472: Art of China (HU) OR MHL 140: Music as Culture (for music majors only) POS 357: South Asian Politics

ARS 475: Chinese Painting (HU) POS 360: The International Politics of the Asia-Pacific CHI 205: Chinese Calligraphy HST 383: China (SB, H) POS 451: China, Japan and Korea (SB, G)

CHI 321: Chinese Literature I (HU) HST 384: China (SB, H, G) POS 452: China (SB, G) CHI 322: Chinese Literature II (HU, G) HST 385: Chinese Science & Medicine (HU, G, H) POS468: Comparative Asian Foreign Policies

CHI 345: Chinese Film and Civilization HST 386: Interpreting China's Classics (L/HU, H) REL 343: Daoism (L/HU, H, G) CHI 413: Introduction to Classical Chinese (HU) HST 387: Japan I (L/SB, H) REL 346: Chinese Religions

CHI 414: Introduction to Classical Chinese II (HU) HST 388: Japan II (SB, H, G) REL 344: Religion and Values in Japanese Life (HU, HST 389: Japanese Society and Values: Pre-modern

DAN 194: Dances of India HST 451: Chinese Cultural History I (SB, H) ECN 394: South Asia and the World Economy REL 355: Japanese Cities & Cultures to 1800 (L/HU,

ECN 436: International Trade Theory HST 452: Chinese Cultural History II (SB, H, G) HST 453: The People's Republic of China (SB, H, G) FLA 294: Introduction to Chinese Cinema REL/HST 365: Islamic Civilization

HST 455: The United States and Japan (SB, H, G) HST 494: Historiography of China REL 444: Religion in Japan FLA 420: Modern Chinese Lit. in Translation (HU, G)

FLA 421: Japanese Literature in Translation (L/HU, G) REL 494: Hiroshima: History and Memory JPN 206: Calligraphy FLA 494: Traditional Chinese Fiction in Translation REL 394: Folk Religion in Korea

FMS 394: History of Anime REL/SGS 294: Intro to South Asia JPN 321: Japanese Literature REL 394: Religions of India GCU 432: Geography of China I (SB, G) JPN 414: Introduction to Classical Japanese

REL 394: Women and Goddesses in India GRA 494: Commercial & Social Issues (winter term in JPN 435: Advanced Readings REL 350: Hinduism India) JPN 485: Problems of Translation

SGS 494: China and Globalization



Major Map: Asian Languages – Chinese – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

				nsfer Pathway: TAG	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM ONE: 0-15 CREDIT HOURS					, and the second
CHI 101: First- Year Chinese I (or higher level CHI course	5			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score
depending on placement)					determines placement into first-year
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or	3			Grade of C	composition courses. ASU Math Placement Exam score
ENG 105. Advanced First-Teal Composition of ENG 107 or 108: English for Foreign Students					determines placement in Mathematics course
MAT 142: College Mathematics or higher (MA)	3			Grade of C	Minimum 2.33 GPA required in all critical
Social and Behavioral Sciences (SB)	3				courses.
Academic Success Class or First Year Seminar	1				All freshmen must pass an academic success course and therefore must enroll in an
Academic Success Class of First Year Seminar	1				Academic Success Cluster and/or First Year Seminar.
TERM TWO: 16-30 CREDIT HOURS			,		
CHI 102: First- Year Chinese II (or higher)	5			Grade of C	Minimum 2.33 GPA required in all critical
ENG 101 or 102: First-Year Composition or					courses.
ENG 105: Advanced First-Year Composition or		_			
ENG 107 or 108: English for Foreign Students	3			Grade of C	-
Computer/Statistics/Quantitative applications (CS):	3				4
CHI 194: Chinese Culture: An Introduction	3				
TERM THREE: 31-45 CREDIT HOURS					
CHI 201: Second- Year Chinese I (or higher) (G)	5			Grade of C	Minimum 2.33 GPA required in all critical courses.
Complete one course from:					Complete First-Year Composition
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literacy and Cultural Theory (G)	3			Grade of C	requirement: ENG 101 & 102 OR ENG 107
Natural Science-Quantitative (SQ)	4			Grade of C	& 108 or 105.
Literacy (L)	3				Complete Mathematical Studies (MA).
2 7	3				
TERM FOUR: 46-60 CREDIT HOURS CHI 202: Second- Year Chinese II (or higher) (G)	5			Grade of C	Minimum 2.33 GPA required in all critical
Complete remaining course from:	3	 		Grade of C	courses.
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literacy and Cultural Theory				Grade of C	
Natural Science-Quantitative or General (SQ/SG)	4				1
Cultural Diversity in the US (C) (APA 200: Introduction to Asian Pacific American Studies (HU or SB) & C recommended if not already	3				
completed)					
TERM FIVE: 61-75 CREDIT HOURS					
CHI 301: Third- Year Chinese I (G)	5			Grade of C	Minimum grade of "C" in all CHI, SLC and
CHI 321: Chinese Literature (HU) OR CHI 322: Chinese Literature (HU, G) OR	3	\boxtimes		Grade of C	East-Asian Related Fields courses. Enroll in "IPO" Study Abroad Program credits or listed courses.
SLC 420: Foreign Literature in Translation (HU, G) JPN/KOR Related Field (course list in DARS)	3			Grade of C	SLC 420 topic must pertain to Chinese
,				Grade of C	literature.
Social and Behavioral Sciences (SB) (APA 200: Introduction to Asian Pacific American Studies (HU or SB) & C recommended) or if completed, take Elective	3				
TERM SIX: 76-90 CREDIT HOURS					
CHI 302: Third- Year Chinese II (G)	5	\boxtimes		Grade of C	Minimum grade of "C" in all CHI, SLC and
CHI 321: Chinese Literature (HU) OR					East-Asian Related Fields courses.
CHI 322: Chinese Literature (HU, G) OR		_			Enroll in "IPO" Study Abroad Program credits or listed courses.
SLC 420: Foreign Literature in Translation (HU, G)	3			Grade of C	SLC 420 topic must pertain to Chinese
Historical overview of China course (course list in DARS)	3			Grade of C	literature.
JPN/KOR Related Field (course list in DARS)	3			Grade of C	
Historical Awareness (H)	3				
TERM SEVEN: 91-105 CREDIT HOURS					
CHI 307: Introduction to Literary Chinese II (HU)	3	\boxtimes		Grade of C	Minimum grade of "C" in all CHI, SLC and
CHI Upper Division Elective	3			Grade of C	East-Asian Related Fields courses. • Enroll in "IPO" Study Abroad Program
Upper Division East-Asian Related Field	3	\boxtimes		Grade of C	credits or listed courses.
Upper Division Literacy	3	\boxtimes			1
Upper Division Elective	3				1
TERM EIGHT: 106-120 CREDIT HOURS				<u> </u>	<u></u>
	3	\boxtimes		Grade of C	Minimum grade of "C" in all CHI, SLC and
CHI 308: Introduction to Classical Chinese (HU)	+		+	Grade of C	East-Asian Related Fields courses.
SLC 400-level course	3			Grade of C	Enroll in "IPO" Study Abroad Program
Upper Division East-Asian Related Field (course list in DARS)	3		+	Grade of C	credits or listed courses.
Upper Division Elective	3	\boxtimes	1		Í



Major Map: Asian Languages – Chinese – Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Upper Division Elective	2	\boxtimes			
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Graduation Requirements Summary:

Total Hours (120 minimum)	Total UD Hours (minimum 45)	Cumulative GPA (2.00 minimum)	Total Hrs at ASU (minimum 30)	Resident Credit for Academic Recognition (minimum 56)	Total Comm. College Hrs. (maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Minimum grade of "C" in all CHI, SLC, JPN/KOR, and East-Asian Related Fields courses. For information regarding related field courses go to: http://silc.asu.edu/undergraduate/majors-minors-certs.

Chinese is a flexible liberal arts major. Students must bear in mind that credits toward the major and minor can only be accumulated after completion of intermediate Chinese. CHI 101, 102, 201 or 202 are not major requirements, but demonstrated proficiency at or above the 202 level is required for enrollment in upper-division major requirement courses. Students are strongly encouraged to contact an academic advisor regarding clarifications on course applicability.

A Chinese Flagship Track is for advanced Mandarin learners, mostly double majors, who are committed to a rigorous program that includes special sections of courses in various disciplines taught in Chinese. Please see an academic advisor for more information.



Major Map: Asian Languages – Japanese – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Tran	nsfer Pathway: ΓAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title		Upper	Transfer	Minimum Grade if		
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes	
TERM ONE: 0-15 CREDIT HOURS JPN 101: First-Year Japanese I (or higher level JPN course					An SAT, ACT, Accuplacer, or TOEFL score	
depending on placement)	5			Grade of C	determines placement into first-year	
ENG 101 and 102: First-Year Composition OR					composition courses	
ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students	3			Grade of C	ASU Math Placement Exam score determines placement in Mathematics course	
MAT 142: College Mathematics or higher (MA)	3			Grade of C	Minimum 2.33 GPA required in all critical	
Social and Behavioral Sciences (SB)				Grade of C	courses.	
. ,	3				All freshmen are required to pass an academic success class and therefore must enroll in an	
Academic Success Class or First Year Seminar	1				Academic Success Cluster and/or a First Year Seminar	
TERM TWO: 16-30 CREDIT HOURS						
JPN 102: First-Year Japanese II (or higher)	5			Grade of C	Minimum 2.33 GPA required in all critical courses.	
ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR	3			Grade of C	courses.	
ENG 103: Advanced First-Fear Composition OK ENG 107 and 108: English for Foreign Students	3			Glade of C		
Computer/Statistics/Quantitative applications (CS)	3					
Social and Behavioral Sciences (SB)	3					
Elective (recommend *JPN 206: Calligraphy)	1			Grade of C		
TERM THREE: 31-45 CREDIT HOURS						
JPN 201: Second-Year Japanese I (or higher) (G)	5			Grade of C	Minimum 2.33 GPA required in all critical	
Complete one course from:					courses.	
SLC 201: Introduction to Linguistics (HU or SB) OR	3			Grade of C	Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 &	
SLC 202: Introduction to Literary and Cultural Theory Natural Science-Quantitative (SQ)]			108 or 105	
Humanities/Fine Arts/Design (HU) and Awareness Area (C)	4				Complete Mathematical Studies (MA)	
	3					
TERM FOUR: 46-60 CREDIT HOURS	-]		0 1 00	Minimum 2.33 GPA required in all critical	
JPN 202: Second-Year Japanese II (or higher) (G) Complete one course from:	5			Grade of C	courses.	
SLC 201: Introduction to Linguistics (HU or SB) OR	3			Grade of C		
SLC 202: Introduction to Literary and Cultural Theory						
Natural Science-Quantitative or General (SQ/SG)	4					
Literacy (L)	3					
TERM FIVE: 61-75 CREDIT HOURS					D. H. Whon C. L. H. L.	
JPN 301: Third-Year Japanese I (G)	3			Grade of C	Enroll in "IPO" Study Abroad Program credits or listed courses	
JPN 3**	3			Grade of C	Minimum grade of "C" in all JPN, SLC and	
SLC 421: Japanese Literature in Translation (L or HU, G)	3			Grade of C	East-Asian Related Fields courses.	
CHI/KOR Related Field	3			Grade of C		
Elective	3					
TERM SIX: 76-90 CREDIT HOURS					E II. ((IDO) ((1 A1 1 D II.	
JPN 302: Third-Year Japanese II (G)	3	\boxtimes		Grade of C	Enroll in "IPO" Study Abroad Program credits or listed courses	
JPN 3**	3			Grade of C	Minimum grade of "C" in all JPN, SLC and	
CHI/KOR Related Field	3			Grade of C	East-Asian Related Fields courses.	
Historical overview of Japan (ARS 473: Art of Japan (HU), HST 303: Studies in Asian History (SB & H), HST 387: Japan (L or SB) & (H),		_				
HST 388: Japan (SB & G & H), REL 355: Japanese Cities and Cultures	3	\boxtimes				
to 1800 (HU & H) or REL 444: Religion in Japan (HU,H,G)						
Elective	3					
TERM SEVEN: 91-105 CREDIT HOURS					E W. (mong. 1 in	
JPN 401: Reading Modern Japanese Texts I (L or HU) & (G)	3	\boxtimes		Grade of C	Enroll in "IPO" Study Abroad Program credits or listed courses	
JPN 414: Introduction to Classical Japanese	3	\boxtimes		Grade of C	Minimum grade of "C" in all JPN, SLC and East-Asian Related Fields courses.	
East-Asian Related Field (list in DARS)	3			Grade of C		
Upper Division Elective	3					
Humanities/Fine Arts/Design (HU)	3					
TERM EIGHT: 106-120 CREDIT HOURS					D. H. (IDC) C. L. II	
JPN 4**	3	\boxtimes		Grade of C	Enroll in "IPO" Study Abroad Program credits or listed courses	
SLC 400-level course	3	\boxtimes		Grade of C	Minimum grade of "C" in all JPN, SLC and	
East-Asian Related Field	3			Grade of C	East-Asian Related Fields courses.	
Upper Division Humanities, Fine Arts & Design (HU) or if completed, Upper division Elective	3	\boxtimes				
Upper Division Elective	3	⊠				



Major Map: Asian Languages – Japanese – Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative applications (CS)
- Humanities, Fine Arts, and Design (HU)
- Social and Behavioral Sciences (SB)
- Natural Science-Quantitative (SQ)

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Minimum grade of "C" in all JPN, SLC, CHI/KOR and East-Asian Related Fields courses. For information regarding related field courses go to: http://silc.asu.edu/undergraduate/majors-minors-certs

Japanese is a flexible liberal arts major. Students must bear in mind that credits toward the major and minor can only be accumulated after completion of intermediate Japanese. JPN 101, 102, 201 or 202 are not major requirements, but demonstrated proficiency at or above the 202 level is required for enrollment in upper-division major requirement courses. Students are strongly encouraged to contact an academic advisor regarding clarifications on course applicability.



Major Map: Asian Pacific American Studies – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Tran	nsfer Pathway: TAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title		Upper	Transfer	Minimum Grade if		
(courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes	
APA 200: Introduction to Asian Pacific American Studies (HU or SB) & (C)	3			Grade of C	SAT or ACT (or TOEFL) score determines placement in first year composition course.	
Academic Success Class or First Year Seminar (recommend APA 191)	1				ASU Math Placement Exam score determines placement in Mathematics course	
ENG 101 or 102: First-Year Composition or ENG 105:Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3			Grade of C	All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First Year	
MAT 142: College Mathematics (MA)	3			Grade of C	Seminar	
Second Language	4			Grade of C	Complete First-Year Composition requirement by the end of semester 3 Complete MAT requirement, MAT 142 or higher, by end of semester 3	
TERM TWO: 16-30 CREDIT HOURS				1		
ENG 101 or 102: First-Year Composition or ENG 105:Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3			Grade of C	Complete composition requirement by the end of semester 3. Complete MAT requirement, MAT 142 or	
Second Language	4			Grade of C	higher, by end of semester 3.	
Computer/Statistics/Quantitative applications (CS)	3				Selection of SB or HU courses will be	
Social Behavioral Sciences (SB) or Humanities, Fine Arts, and Design (HU) or Awareness Area - Global (G) or Historical (H)	3				determined by general studies designation selected for APA 200 and APA 360.	
General Elective	3					
TERM THREE: 31-45 CREDIT HOURS				1		
APA elective	3			Grade of C	Complete composition requirement by the end of semester 3.	
Second Language	4			Grade of C	Complete MAT requirement, MAT 142 or	
Natural Science – Quantitative or General (SQ/SG)	3				higher, by end of semester 3.	
Literacy and Critical Inquiry (L) Social Behavioral Sciences (SB) or Humanities, Fine Arts, and					Selection of SB or HU courses will be determined by general studies designation	
Design (HU) or Awareness Area - Global (G) or Historical (H)	3				selected for APA 200 and APA 360.	
TERM FOUR: 46-60 CREDIT HOURS APA 360: Asian Pacific American Experience (HU or SB) & (C)	3	\boxtimes		Grade of C	Selection of SB or HU courses will be	
Upper Division APA elective	3	⊠		Grade of C	determined by general studies designation	
Second Language	4			Grade of C	selected for APA 200 and APA 360.	
Natural Science – Quantitative (SQ)	4					
Social Behavioral Sciences (SB) or Humanities, Fine Arts, and Design (HU)	3					
TERM FIVE: 61-75 CREDIT HOURS						
APA 450: Asian Pacific American Contemporary Issues (SB, C) OR APA 484: Internship	3			Grade of C	APA 450 must be completed before enrollment in APA 499 in term 8.	
Upper Division APA elective	3			Grade of C		
Related Area Elective	3			Grade of C		
Upper Division Literacy and Critical Inquiry (L)	3				-	
General Elective	3					
TERM SIX: 76-90 CREDIT HOURS Complete remaining course: APA 450: Asian Pacific American Contemporary Issues (SB, C) OR APA 484: Internship	3	\boxtimes		Grade of C	APA 450 must be completed before enrollment in APA 499 in term 8.	
Upper Division APA elective	3	\boxtimes		Grade of C	1	
Related Area Elective	3			Grade of C		
General Elective	3					
General Elective	3					
TERM SEVEN: 91-105 CREDIT HOURS						
Upper Division APA elective	3			Grade of C	_	
Upper Division Related Area Elective	3			Grade of C		
Upper Division Related Area Elective	3			Grade of C	-	
Upper Division General Elective General Elective	2				1	
TERM EIGHT: 106-120 CREDIT HOURS						
APA 499: Individualized Instruction	3	\boxtimes		Grade of C	APA 499: Individualized Instruction is a capstone	
Upper Division Related Area Elective	3			Grade of C	research project determined in consultation with	
Upper Division General Elective	3	⊠			faculty advisor and required by end of semester 8.	
Upper Division General Elective	3	⊠			1	



Major Map: Asian Pacific American Studies – Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition (56 minimum)	Major GPA (2.000 Min.)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

There is room in this major map to add a concurrent degree, minor, or certificate.



Major Map: Biochemistry – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences, Tempe Campus Catalog Year: 2010-2011

			Competed Tran	nsfer Pathway: TAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None		
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes		
TERM ONE: 0-15 CREDIT HOURS					·		
CHM 113: General Chemistry I (SQ)	4			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score		
ENG 101 or 102: First-Year Composition OR		_			determines placement into first-year		
ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3			Grade of C	composition courses ASU Math Placement Exam score determines		
MAT 251: Calculus for Life Science (MA)	3			Grade of C	ASU Math Placement Exam score determines placement in Mathematics course Consult an academic advisor for Learning Community, Academic Success Clusters and		
Social & Behavioral Science (SB) AND Cultural Awareness in the US				Grade of C			
(C), Global Awareness (G) OR Historical Awareness (H)	3				First Year Seminar options		
Academic Success Class or First Year Seminar	1				All freshmen must pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar		
TERM TWO: 16-30 CREDIT HOURS							
Complete one course from:				G 1 6G			
BIO 181 General Biology I (formerly BIO 188) (SQ) BIO 182 General Biology II (formerly BIO 187) (SG)	4			Grade of C			
CHM 116: General Chemistry II (SQ)	4			Grade of C	1		
ENG 101 or 102: First-Year Composition OR					-		
ENG 105: Advanced First-Year Composition OR	3			Grade of C			
ENG 107 or 108: English for Foreign Students	-	+		G 1 6G: 202	4		
Second language	4			Grade of C in 202			
TERM THREE: 31-45 CREDIT HOURS					F (V C Z le ll d l C		
Complete remaining course from: BIO 181: General Biology I (formerly BIO 188) (SQ)	4			Grade of C	First-Year Composition completed by the end of semester 3		
BIO 182: General Biology II (formerly BIO 187) (SG)	-			Grade of C	The following courses completed by end of		
CHM 233: General Organic Chemistry I	3			Grade of C	term 3: CHM 113, CHM 116, MAT 251,		
CHM 237: General Organic Chemistry Laboratory I	1			Grade of C	PHY 101 or PHY 111.		
PHY 101: Introduction to Physics (or PHY 111 & 113, if two	4			Grade of C	7		
semester sequence is preferred)					4		
Second Language if needed or elective	4			Grade of C in 202			
TERM FOUR: 46-60 CREDIT HOURS	2			0 1 60	. Demoising a second of the end of the end		
CHM 234: General Organic Chemistry II	3			Grade of C	 Remaining courses completed by end of term CHM 233, CHM 237, BIO 181 or BIO 182. 		
CHM 238: Organic Chemistry Laboratory for Majors II	1			Grade of C	_		
Literacy and Critical Inquiry (L)	3			G 1 6G: 202	4		
Second Language if needed or elective	4 4 or			Grade of C in 202 Grade of C in PHY	4		
Elective (or PHY 112 & 114, if two semester sequence is preferred)	3/1			112 & 114			
TERM FIVE: 61-75 CREDIT HOURS	0,1						
BCH 461: General Biochemistry	3	\boxtimes		Grade of C	CHM 234 and CHM 341 are co- or pre-		
CHM 302: Environmental Chemistry OR	3			Grade of C	requisites for most advanced CHM and BCH		
CHM 325 Analytical Chemistry					courses.		
CHM 341: Elementary Physical Chemistry	3			Grade of C	4		
Humanities, Fine Arts & Design (HU) AND Cultural Awareness in the US (C), Global Awareness (G) OR Historical Awareness (H)	3						
Second Language if needed or elective	4		1	Grade of C in 202	-		
TERM SIX: 76-90 CREDIT HOURS							
BCH 462: General Biochemistry	3	\boxtimes		Grade of C			
BCH 467: Analytical Biochemistry Laboratory (L)	3			Grade of C	-		
Biology Elective	3-4			Grade of C	-		
Social & Behavioral Science (SB) AND Cultural Awareness in the US				2.000 01 0	1		
(C), Global Awareness (G) OR Historical Awareness (H)	3						
Elective	2-3						
TERM SEVEN: 91-105 CREDIT HOURS							
Upper division BCH or CHM Elective	3	\boxtimes		Grade of C]		
Upper division Computer/Statistics/Quantitative Science (CS)	3	\boxtimes]		
Upper division Humanities, Fine Arts & Design (HU) or	3	\boxtimes					
Social & Behavioral Science (SB)					-		
Upper division elective	3				_		
Upper division elective	3	\boxtimes]]			



Major Map: Biochemistry – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences, Tempe Campus

Catalog Year:	2010-2011
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Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM EIGHT: 106-120 CREDIT HOURS					
Upper division BCH or CHM Elective	3	\boxtimes		Grade of C	Elective vs. Upper division Elective is dependent
Humanities, Fine Arts & Design (HU)	3				upon level of Organic Chemistry and Biology Electives.
Upper division elective	3	\boxtimes			Forty-five total units of upper division is required
Upper division elective	3	\boxtimes			for degree completion
Upper division elective	3	\boxtimes			

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition (56 minimum)	Major GPA (2.000 Min.)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - 0 Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Biochemistry - Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

				nsfer Pathway: □TAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM ONE: 0-15 CREDIT HOURS					
CHM 117 & 111: General Chemistry for Majors I & Lab (SQ) or	3/1	-			An SAT, ACT, Accuplacer, or TOEFL score
CHM 113: General Chemistry I (SQ) ENG 101 or 102: First-Year Composition OR	or 4			Grade of C	determines placement into first-year composition courses
ENG 105: Advanced First-Year Composition OR					ASU Math Placement Exam score determines
ENG 107 or 108: English for Foreign Students	3			Grade of C	placement in Mathematics course
MAT 270: Calculus & Analytic Geometry I (MA)	4			Grade of C	 Consult an academic advisor for Learning Community, Campus Match and First Year
Social & Behavioral Science (SB) AND Cultural Awareness in the US	2				Seminar options
(C), Global Awareness (G) OR Historical Awareness (H)	3				All freshmen must pass an academic success class and therefore must enroll in an Academic
Academic Success Class or First Year Seminar	1				Success Cluster and/or a First Year Seminar.
TERM TWO: 16-30 CREDIT HOURS					
Complete one course from:					
BIO 181: General Biology I (SQ) BIO 182: General Biology II (SG)	4			Grade of C	
CHM 118 & 112: General Chemistry for Majors II & Lab (SQ) or	3/1]		Grade of C	
CHM 116: General Chemistry II (SQ)	or 4			Grade of C	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR					
ENG 107 or 108: English for Foreign Students	3			Grade of C	
MAT 271: Calculus with Analytic Geometry II (MA)	4			Grade of C	
TERM THREE: 31-45 CREDIT HOURS					
Complete remaining course from: BIO 181: General Biology I (SQ)	4				 First-Year Composition completed by the end of semester 3
BIO 181: General Biology I (SQ) BIO 182: General Biology II (SG)				Grade of C	The following courses completed by end of
CHM 333: Organic Chemistry for Majors I or					term 3: CHM 113 (or 117 & 111), CHM 116
CHM 233: General Organic Chemistry I	3			Grade of C	(or 118 & 112), MAT 270, PHY 111.
CHM 337: Organic Chemistry for Majors I Laboratory or CHM 237: General Organic Chemistry Laboratory I	1			Grade of C	
PHY 111: General Physics & PHY 113: Laboratory (SQ)	3/1			Grade of C	
Elective	3				
TERM FOUR: 46-60 CREDIT HOURS					
CHM 334: Organic Chemistry for Majors II or	2			C 1 C	Remaining courses completed by end of term CHM 222, CHM 227, PIO 181 PIO 182
CHM 234: General Organic Chemistry II CHM 338: Organic Chemistry Laboratory for Majors II or	3			Grade of C	4: CHM 233, CHM 237, BIO 181 or BIO 182, PHY 112.
CHM 238: Organic Chemistry Laboratory for Majors II	1			Grade of C	
PHY 112: General Physics & PHY 114: Laboratory	3/1			Grade of C	
Literacy and Critical Inquiry (L)	3				
Elective	3				
TERM FIVE: 61-75 CREDIT HOURS					• CIDA 224 I CIDA 241
BCH 461: General Biochemistry	3			Grade of C	CHM 234 and CHM 341 are co- or pre- requisites for most advanced CHM and BCH
Biology Elective	3-4			Grade of C	courses.
CHM 341: Elementary Physical Chemistry	3			Grade of C	
Humanities, Fine Arts & Design (HU) Social & Behavioral Science (SB) AND Cultural Awareness in the US	3				
(C), Global Awareness (G) OR Historical Awareness (H)	3				
TERM SIX: 76-90 CREDIT HOURS					
BCH 462: General Biochemistry	3	\boxtimes		Grade of C	
BCH 463: Biophysical Chemistry	3	\boxtimes		Grade of C	
BCH 467: Analytical Biochemistry Laboratory (L)	3	\boxtimes		Grade of C	
Biology Elective	3-4			Grade of C	
Upper division CLAS Science and Society	3	\boxtimes		Grade of C	
TERM SEVEN: 91-105 CREDIT HOURS	-				
Upper division CHM or BCH Elective Humanities, Fine Arts & Design (HU) AND Cultural Awareness in the	3			Grade of C	
US (C), Global Awareness (G) OR Historical Awareness (H)	3				
Upper division CLAS Science and Society	3			Grade of C	
Upper division Humanities, Fine Arts & Design (HU) or	2				
Social & Behavioral Science (SB)	3-4	\boxtimes			
Upper division Elective	J-4		l		



Major Map: Biochemistry - Bachelor of Science (B.S.)

College of Liberal Arts and Sciences	Catalog Year: 2010-2011	

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM EIGHT: 106-120 CREDIT HOURS					
Computer/Statistics/Quantitative Science (CS)	3				Elective vs. Upper division Elective is dependent
Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3				upon level of Organic Chemistry and Biology Electives.
Elective	3				Forty-five total units of upper division is required for degree completion
Upper division elective	3	\boxtimes			
Upper division elective	0-4	\boxtimes			

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition (56 minimum)	Major GPA (2.000 Min.)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Biochemistry (Medicinal Chemistry) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Trans ☐ MAPP ☐ T	sfer Pathway: 'AG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title		Upper	Transfer	Minimum Grade if		
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes	
TERM ONE: 0-15 CREDIT HOURS CHM 117 & 111: General Chemistry for Majors I & Lab (SQ) or	3/1				An SAT, ACT, Accuplacer, or TOEFL score	
CHM 113: General Chemistry I (SQ)	or 4			Grade of C	determines placement into first-year composition	
ENG 101 or 102: First-Year Composition OR		1			courses	
ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3			Grade of C	ASU Math Placement Exam score determines placement in Mathematics course	
MAT 270: Calculus & Analytic Geometry I (MA	4			Grade of C	Consult an academic advisor for Learning	
Social & Behavioral Science (SB) AND Cultural Awareness in the US				Grade of C	Community, Academic Success Clusters and First Year Seminar options	
(C), Global Awareness (G) OR Historical Awareness (H)	3				Year Seminar options All freshmen must pass an academic success	
Academic Success Class or First Year Seminar	1				course and therefore must enroll in an Academic	
Academic Success Class of First Teal Seminar	1				Success Cluster and/or a First Year Seminar	
TERM TWO: 16-30 CREDIT HOURS				1		
Complete one course from: BIO 181 General Biology I (formerly BIO 188) (SQ) OR	4			Grade of C		
BIO 182 General Biology II (formerly BIO 187) (SG)	7			Grade of C		
CHM 118 & 112: General Chemistry for Majors II & Lab (SQ) or	3/1			Grade of C	1	
CHM 116: General Chemistry II (SQ) ENG 101 or 102: First-Year Composition OR	or 4]		Grade of C	-	
ENG 101 of 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR	3			Grade of C		
ENG 107 or 108: English for Foreign Students	,]		Grade of C		
MAT 271: Calculus with Analytic Geometry II	4			Grade of C		
TERM THREE: 31-45 CREDIT HOURS	,					
Complete remaining course from:	4			0 1 60	First Year Composition completed by the end of	
BIO 181 General Biology I (formerly BIO 188) (SQ) OR BIO 182 General Biology II (formerly BIO 187) (SG)	4			Grade of C	 The following courses completed by end of 	
CHM 333: Organic Chemistry for Majors or	3			Grade of C	term 3: CHM 113 (or 117 & 111), CHM 116	
CHM 233: General Organic Chemistry I	3	Ш		Grade of C	(or 118 & 112), MAT 270, PHY 111.	
CHM 337: Organic Chemistry for Majors I Laboratory or	1			Grade of C		
CHM 237: General Organic Chemistry Laboratory I	3/1			Grade of C	-	
PHY 111: General Physics & PHY 113: Laboratory Elective	4			Grade of C	-	
	4					
TERM FOUR: 46-60 CREDIT HOURS CHM 334: Organic Chemistry for Majors II or					Remaining courses completed by end of term	
CHM 234: General Organic Chemistry II	3			Grade of C	4: CHM 233 (or 333), CHM 237 (or 337), BIO	
CHM 338: Organic Chemistry for Majors II Laboratory or	1			Grade of C	181 or BIO 182, PHY 112.	
CHM 238: Organic Chemistry Laboratory for Majors II Literacy and Critical Inquiry (L)	3				-	
	3/1			ClfC	-	
PHY 112: General Physics & PHY 114: Laboratory Upper division elective	3			Grade of C	-	
4.4	3					
TERM FIVE: 61-75 CREDIT HOURS BCH 461: General Biochemistry	3	\boxtimes		Grade of C	CHM 234 and CHM 341 are co- or pre-requisites	
BIO 353: Cell Biology	3			Grade of C	for most advanced CHM and BCH courses.	
CHM 341: Elementary Physical Chemistry	3			Grade of C	1	
CHM 343: Elementary Physical Chemistry Laboratory	1			Grade of C	-	
Social & Behavioral Science (SB) AND Cultural Awareness in the US				Grade of C	-	
(C), Global Awareness (G) OR Historical Awareness (H)	3				_	
Elective	3					
TERM SIX: 76-90 CREDIT HOURS						
BCH 462: General Biochemistry	3	\boxtimes		Grade of C		
BCH 463: Biophysical Chemistry	3	\boxtimes		Grade of C		
BCH 467: Analytical Biochemistry Laboratory (L)	3	\boxtimes		Grade of C		
Humanities, Fine Arts & Design (HU) AND Cultural Awareness in the	3					
US (C), Global Awareness (G) OR Historical Awareness (H) Upper division CLAS Science and Society	3			Grade of C	1	
TERM SEVEN: 91-105 CREDIT HOURS	3			Grade of C		
CHM 433: Advanced Organic Chemistry I	3			Grade of C		
Computer/Statistics/Quantitative Science (CS)	3			Sidde of C	-	
Humanities, Fine Arts & Design (HU)	3				-	
Upper division CLAS Science and Society	3			Grade of C	1	
Elective	2			51440 01 0	-	
				I		



Major Map: Biochemistry (Medicinal Chemistry) -

Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM EIGHT: 106-120 CREDIT HOURS					
CHM 435: Medicinal Chemistry	3	\boxtimes		Grade of C	Elective vs. Upper division Elective is dependent
Upper division CHM or BCH elective	3	\boxtimes		Grade of C	upon level of Organic Chemistry. • Forty-five total units of upper division is required
Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3				for degree completion
Upper division elective	3	\boxtimes			
Upper division elective	3	\boxtimes			

Graduation Requirements Summary:

	Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition (56 minimum)	Major GPA (2.000 Min.)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)
ĺ						

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Biological Sciences – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Tran ☐ MAPP ☐	sfer Pathway: ΓAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title	11	Upper	Transfer	Minimum Grade if	
(courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes
CHM 113: General Chemistry I (SQ)	4			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score
ENG 101 and 102: First-Year Composition OR					determines placement into first-year composition courses
ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students	3			Grade of C	ASU Math Placement Exam score
MAT 251: Calculus for Life Sciences (MA) or		_		Grade of C	determines placement in Mathematics course
MAT 170 Precalculus (MA)if pre-requisite needed	3			Grade of C	All freshmen must pass an academic success class and therefore must enroll in an
Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) or OR					Academic Success Cluster and/or a First
Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US		_			Year Seminar.
(C), Global Awareness (G) or Historical Awareness (H)	3				
BIO 189: Life Sciences Career Path TERM TWO: 16-30 CREDIT HOURS	1				
BIO 181: General Biology I (SQ) OR					CHM 113 must be complete by end of term 2
BIO 182: General Biology II (SG)	4			Grade of C	
CHM 116: General Chemistry II (SQ)	4			Grade of C	
ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR					
ENG 107 and 108: English for Foreign Students	3			Grade of C	
MAT 251: Calculus for Life Sciences (MA) OR if completed take Humanities, Fine Arts & Design (HU) and Cultural					
Diversity in the US (C), Global Awareness (G) or Historical		_		Grade of C in MAT	
Awareness (H) Social & Behavioral Science (SB) and Cultural Diversity in the US (C),	3			251	
Global Awareness (G) or Historical Awareness (H)	3				
TERM THREE: 31-45 CREDIT HOURS					
Complete remaining course:					First-year composition must be completed CHM 116 must be complete by the end of
BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG)	4			Grade of C	term 3
CHM 231 Elem Organic Chemistry & CHM 235 Laboratory (SQ) OR	2.4				
CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory Complete either:	3/1			Grade of C	
MIC 220: Biology of Microorganisms AND MIC 206: Microbiology					
Laboratory (if BIO 181 & 182 completed); otherwise take: STP 226: Elements of Statistics (CS) OR	3/1				
STP 231: Statistics for Life Science (CS)	or 3			Grade of C	
CLAS Science and Society	3			Grade of C	
TERM FOUR: 46-60 CREDIT HOURS					
BIO 320: Fundamentals of Ecology OR BIO 345: Organic Evolution	3			Grade of C	
Complete remaining course(s) from:				Grade of C	
MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory OR					
STP 226: Elements of Statistics (CS) OR	3/1				
STP 231: Statistics for Life Science (CS)	or 3			Grade of C	
CHM 231 Elem Organic Chemistry & CHM 235 Laboratory (SQ) OR CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory OR					
CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory	3/1			Grade of C	
Humanities, Fine Arts & Design (HU)	3				
Literacy and Critical Inquiry (L)	3				
TERM FIVE: 61-75 CREDIT HOURS BIO 320: Fundamentals of Ecology OR					
BIO 345: Organic Evolution	3	\boxtimes		Grade of C	
BIO 340: General Genetics (4 hrs) OR	2				
BIO 353: Cell Biology (3 hrs) OR BIO 360: Animal Physiology (3 hrs)	3 or 4			Grade of C	
PHY 101: Introduction to Physics (SQ) OR	4 or				
PHY 111: General Physics & PHY 113: Laboratory (SQ)	3/1			Grade of C	
Upper division CLAS Science and Society Elective or CHM 234 Gen Organic Chemistry II & CHM 238	3	\boxtimes		Grade of C in CHM	
Laboratory if CHM 233 and 237 is completed in term 4	3			234 & 238	
TERM SIX: 76-90 CREDIT HOURS					
BIO 340: General Genetics (4 hrs) OR BIO 353: Cell Biology (3 hrs) OR					
BIO 360: Animal Physiology (3 hrs) OR	3 or	_			
PLB 308: Plant Physiology (4 hrs) PHY 112: General Physics/Laboratory & PHY 114: Laboratory (SQ)	4 4 or			Grade of C Grade of C in PHY	
OR, if PHY 101 completed, take Elective:	3			112 & 114	
Upper division Major Elective (Lab)	4	⊠		Grade of C	
Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3				
Delia (101a) Delenee (DD)	,		1	l .	



Major Map: Biological Sciences – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM SEVEN: 91-105 CREDIT HOURS					
Organismal Diversity Course	4	\boxtimes		Grade of C	
Upper division Major Elective (Lab)	4	\boxtimes		Grade of C	
Upper division elective	3	\boxtimes			
Upper division Literacy and Critical Inquiry (L)	3	\boxtimes			
TERM EIGHT: 106-120 CREDIT HOURS					
Upper division Major Elective	3	\boxtimes		Grade of C	
Upper division Major Elective	3	\boxtimes		Grade of C	
Upper division elective	3	\boxtimes			
Upper division elective	3	\boxtimes			
Elective	3				

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Cumulative GPA (minimum 2.0)	Major GPA (2.000 Min.)	Hrs Resident Credit for Academic Recognition (56 minimum)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

· Humanities, Literacy and Critical Inquiry, Social Behavioral Sciences, and Science and Society courses are interchangeable in sequencing



Major Map: Biological Sciences (Animal Physiology & Behavior) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Tran		Completed General Education:	
Course Subject and Title		Upper	☐ MAPP ☐' Transfer	ΓAG □ATP □None Minimum Grade if	□AGEC □IGETC/CSUGE □None	
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes	
TERM ONE: 0-15 CREDIT HOURS						
CHM 113: General Chemistry I	4			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score	
ENG 101 and 102: First-Year Composition OR					determines placement into first-year composition courses	
ENG 105: Advanced First-Year Composition OR	3			Grade of C	ASU Math Placement Exam score determines	
ENG 107 and 108: English for Foreign Students MAT 251: Calculus for Life Sciences (MA) or MAT 170 Precalculus if					placement in Mathematics course	
pre-requisite is needed	3			Grade of C	All freshmen must pass an academic success	
Social & Behavioral Science (SB) and Cultural Diversity in the US (C),					class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar.	
Global Awareness (G) or Historical Awareness (H) OR Humanities,	3			Grade of C	Success Cluster and/or a First Tear Seminar.	
Fine Arts & Design (HU) and Cultural Diversity in the US (C), Global]		Grade or C		
Awareness (G) or Historical Awareness (H) Academic Success Class or First Year Seminar	1					
	1					
TERM TWO: 16-30 CREDIT HOURS BIO 181: General Biology I (SQ) OR					CHM 113 must be complete by end of term 2	
BIO 182: General Biology II (SG)	4			Grade of C	CTIW 113 must be complete by end of term 2	
CHM 116: General Chemistry II	4			Grade of C		
ENG 101 and 102: First-Year Composition OR						
ENG 105: Advanced First-Year Composition OR	3			Grade of C		
ENG 107 and 108: English for Foreign Students						
MAT 251 Calculus for Life Sciences (MA) OR if completed	2			Grade of C in MAT		
Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3			251		
Social & Behavioral Science (SB) and Cultural Diversity in the US (C),						
Global Awareness (G) or Historical Awareness (H)	3					
TERM THREE: 31-45 CREDIT HOURS						
BIO 181: General Biology I (SQ) OR	4			Grade of C in BIO 187	CHM 116 must be complete by end of term 3	
BIO 182: General Biology II (SG)	7			or 188		
CHM 231 Elem Organic Chemistry & CHM 235 Laboratory (SQ) OR CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory	3/1			Grade of C		
CLAS Science and Society	3			Grade of C		
Elective	3					
TERM FOUR: 46-60 CREDIT HOURS						
Complete one course from:						
BIO 331: Animal Behavioral (3 hrs) OR	3 or	_				
BIO 340: General Genetics (4 hrs) OR	4	\boxtimes		Grade of C		
BIO 345: Organic Evolution (3 hrs) OR BIO 360: Animal Physiology (3 hrs)						
STP 226: Elements of Statistics (CS) OR	2			0 1 60		
STP 231: Statistics for Life Science (CS)	3			Grade of C		
CHM 231 Elem Organic Chemistry & CHM 235 Laboratory (SQ) OR	3/1					
CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory OR CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory	or 3			Grade of C		
Elective OR Humanities, Fine Arts & Design (HU) and Cultural						
Diversity in the US (C), Global Awareness (G) or Historical Awareness	3					
(H) if not completed in term 2						
Literacy and Critical Inquiry (L)	3					
TERM FIVE: 61-75 CREDIT HOU						
Complete one additional course from:						
BIO 331: Animal Behavioral (3 hrs) OR BIO 340: General Genetics (4 hrs) OR	3 or	\boxtimes		Grade of C		
BIO 345: Organic Evolution (3 hrs) OR	4	KZI		State of C		
BIO 360: Animal Physiology (3 hrs)	<u> </u>					
PHY 101: Introduction to Physics (SQ) OR	4 or			Grade of C		
PHY 111: General Physics & PHY 113: Laboratory	3/1					
Upper division CLAS Science and Society	3	\boxtimes		Grade of C		
Elective or CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory if CHM 233 and 237 is completed in term 4	3 or 3/1			Grade of C in CHM 233/237 or 234/238		



Major Map: Biological Sciences (Animal Physiology & Behavior) – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM SIX: 76-90 CREDIT HOURS					
Complete remaining course from: BIO 331: Animal Behavioral (3 hrs) OR BIO 340: General Genetics (4 hrs) OR BIO 345: Organic Evolution (3 hrs) OR BIO 360: Animal Physiology (3 hrs)	3 or 4	⊠		Grade of C	
PHY 112: General Physics & PHY 114: General Physics Laboratory (SQ) OR, if PHY 101 completed, take Elective	3/1 or 4			Grade of C in PHY 112 & 114	
Complete remaining course from: BIO 331: Animal Behavior (3 hrs) OR BIO 340: General Genetics (4 hrs) OR BIO 345: Organic Evolution (3 hrs) OR BIO 360: Animal Physiology (3 hrs)	3 or 4			Grade of C	
Complete one course from: BIO 436: Sociobiology & Behavioral Ecology BIO 461: Comparative Animal Physiology BIO 462: Endocrine Physiology BIO 467: Neurobiology	3			Grade of C	
Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3	⊠			
TERM SEVEN: 91-105 CREDIT HOURS					
BCH 361: Principles of Biochemistry OR BCH 461: General Biochemistry	3			Grade of C	Choose between BCH 361 OR BCH 461 & 462
Complete one course from: BIO 436: Sociobiology & Behavioral Ecology BIO 461: Comparative Animal Physiology BIO 462: Endocrine Physiology BIO 467: Neurobiology	3	⊠		Grade of C	
Upper division Major Elective	3 or 4	⊠		Grade of C	
Upper division Major Elective (Lab)	4	\boxtimes		Grade of C	
Upper division elective	3	\boxtimes			
TERM EIGHT: 106-120 CREDIT HOURS					
BCH 462: General Biochemistry OR if BCH 361 completed, take Upper division elective	3			Grade of C	Choose between BCH 361 OR BCH 461 & 462
Upper division Major Elective	3 or 4			Grade of C	
Upper division elective	3	\boxtimes			
Upper division Literacy and Critical Inquiry (L)	3				

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Cumulative GPA (minimum 2.0)	Major GPA (2.000 Min.)	Hrs Resident Credit for Academic Recognition (56 minimum)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

· Humanities, Literacy and Critical Inquiry, Social Behavioral Sciences, and Science and Society courses are interchangeable in sequencing



Major Map: Biological Sciences (Biology and Society) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Tran	nsfer Pathway: TAG	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title		Upper	Transfer	Minimum Grade if	
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes
TERM ONE: 0-15 CREDIT HOURS	1				A CAT ACT A CONTROL OF TOPPI
BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) OR					An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year
Social & Behavioral Science (SB) and Cultural Diversity in the US (C),					composition courses
Global Awareness (G) or Historical Awareness (H) if not co-enrolled	4 or	_		Grade of C in BIO 187	 ASU Math Placement Exam score determines
in a minimum of MAT 170	3			or 188	placement in Mathematics course
ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR					BIO 181 and 182 to be completed within first three semesters
ENG 103. Advanced This Fear Composition OR ENG 107 and 108: English for Foreign Students	3			Grade of C	MAT 251 or equivalent to be completed by end
MAT 251: Calculus for Life Sciences (MA)	3			Grade of C	of term 2
Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US					All freshmen must pass an academic success
(C), Global Awareness (G) or Historical Awareness (H)	3				class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar.
Academic Success Class or First Year Seminar	1				Success Cluster and or a 1 list 1 car Schillar.
TERM TWO: 16-30 CREDIT HOURS					
BIO 181: General Biology I (SQ) OR	_	_			BIO 181 and 182 to be completed within first
BIO 182: General Biology II (SG)	4			Grade of C	three semesters MAT 251 or equivalent to be completed by end
Physical Science (Chemistry preferred)	3 or 4			Grade of C	of term 2
ENG 101 and 102: First-Year Composition OR	·			Grade of C	01 (0111) 2
ENG 105: Advanced First-Year Composition OR		_			
ENG 107 and 108: English for Foreign Students	3			Grade of C	
Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3				
Social & Behavioral Science (SB) and Cultural Diversity in the US (C),	3				
Global Awareness (G) or Historical Awareness (H)	3				
TERM THREE: 31-45 CREDIT HOURS					
BIO 181: General Biology I (SQ) OR					BIO 181 and 182 must be completed
BIO 182: General Biology II (SG)					First-year composition must be completed
If BIO 181 & 182 completed take Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or	4 or			Grade of C in BIO 187	•
Historical Awareness (H)	3			or 188	
, , , , , , , , , , , , , , , , , , ,	3 or				
Physical Science (Chemistry preferred)	4			Grade of C	
CLAS Science and Society	3			Grade of C	
Elective	4				
TERM FOUR: 46-60 CREDIT HOURS					
DI LICL (CI L)	3 or			Condo of C	•
Physical Science (Chemistry preferred) STP 226: Elements of Statistics (CS) OR	4			Grade of C	
STP 231: Statistics for Life Science (CS)	3			Grade of C	
	4 or				
Upper division Life Sciences elective	3	\boxtimes		Grade of C	
Upper division Major Interface	3			Grade of C	
Literacy and Critical Inquiry (L)	3				
TERM FIVE: 61-75 CREDIT HOURS					
BIO 311: Biology and Society (this is also a CLAS Science and	2	□		0 1 60	
Society) Complete one course from:	3	\boxtimes		Grade of C	
BIO 340: General Genetics (4 hrs) OR	3 or				
BIO 345: Organic Evolution (3 hrs)	4	\boxtimes		Grade of C	
	4 or	-			
Upper division Major Interface	3/1			Grade of C	
Upper division elective	3	\boxtimes		Grade of C	
Upper division elective	3	\boxtimes			
TERM SIX: 76-90 CREDIT HOURS				•	DIG ALL LINE ILL
BIO 314: Research Colloquium in Biology and Society I (L)	2	\boxtimes		Grade of C	BIO 314 and BIO 414 must be completed for Literacy & Critical Inquiry (L) credit
Complete one additional course from: BIO 340: General Genetics (4 hrs) OR	2				Energey & Critical inquity (E) Cicuit
BIO 340: General Genetics (4 hrs) OR BIO 345: Organic Evolution (3 hrs)	3 or 4	\boxtimes		Grade of C	
Upper division Life Sciences elective	3			Grade of C	
Upper division Elective	3				
Upper division Humanities, Fine Arts & Design (HU) or Social &	,	K N			
Rehavioral Science (SR)	3	M			



Major Map: Biological Sciences (Biology and Society) -

Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM SEVEN: 91-105 CREDIT HOURS					
Research	3			Grade of C	
Upper division Life Science s Elective	3 or 4			Grade of C	
Upper division Major Interface	3	\boxtimes		Grade of C	
Upper division elective	3	\boxtimes			
Upper division elective	3	\boxtimes			
TERM EIGHT: 106-120 CREDIT HOURS					
BIO 414: Research Colloquium in Biology and Society II (L)	1			Grade of C	BIO 314 and BIO 414 must be completed for
Upper division Life Sciences Elective	3 or 4			Grade of C	Literacy & Critical Inquiry (L) credit
Upper division Major Interface	3			Grade of C	
Upper division elective	3				
Upper division elective	4				
Elective	3				

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Cumulative GPA (minimum 2.0)	Major GPA (2.000 Min.)	Hrs Resident Credit for Academic Recognition (56 minimum)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative applications (CS)
- Humanities, Fine Arts, and Design (HU)
- Social and Behavioral Sciences (SB)
- Natural Science-Quantitative (SQ)

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Humanities, Literacy and Critical Inquiry, Social Behavioral Sciences, and Science and Society courses are interchangeable in sequencing



Major Map: Biological Sciences (Conservation Biology and Ecological Sustainability) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

	Competed Transfer Pathway:			Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title		Upper	☐ MAPP ☐☐ Transfer	ΓAG □ATP □None Minimum Grade if	□AGEC □IGETC/CSUGE □None
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes
TERM ONE: 0-15 CREDIT HOURS CHM 113: General Chemistry I	4			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score
ENG 101 and 102: First-Year Composition OR	4			Grade of C	determines placement into first-year
ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	composition courses • ASU Math Placement Exam score determines
MAT 251: Calculus for Life Sciences (MA) or MAT 170: Pre-calculus if needed as a pre-requisite	3			Grade of C	placement in Mathematics course Maintain 2.0 GPA in all critical courses, major
Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US					courses, and related fields BIO 181 and 182 to be completed within first
(C), Global Awareness (G) or Historical Awareness (H) OR Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3				MAT 251 or equivalent to be completed by end of term 2
Academic Success Class or First Year Seminar	1				All freshmen must pass an academic success course and therefore must enroll in an Academic Success Cluster and/or First Year Seminar
TERM TWO: 16-30 CREDIT HOURS					Maintain 2.0 CDA in all aritical accounts union
BIO 181: General Biology I OR BIO 182: General Biology II	4			Grade of C	 Maintain 2.0 GPA in all critical courses, major courses, and related fields
CHM 116: General Chemistry II OR	4			Grade of C	BIO 181 and 182 to be completed within first
CHM 113: General Chemistry I (if not complete in term 1)	4			Grade of C	three semesters • MAT 251 or equivalent to be completed by end
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR	3			Grade of C	of term 2
ENG 105: Advanced First-Year Composition					CHM 113 must be complete by end of term 2
MAT 251 OR if complete, Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3			Grade of C in MAT 251	
Social & Behavioral Science (SB) and Cultural Diversity in the US (C),	3				
Global Awareness (G) or Historical Awareness (H) TERM THREE: 31-45 CREDIT HOURS		_			
BIO 181: General Biology I OR	4			0 1 60	BIO 181 and 182 must be completed by end of
BIO 182: General Biology II	4			Grade of C	term 3
CHM 231 Elem Organic Chemistry & CHM 235 Laboratory OR CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory OR CHM 116: General Chemistry II if not complete in term 2	3/1 or 4			Grade of C	First-year composition must be completed Maintain 2.0 GPA in all critical courses, major courses, and related fields
CLAS Science and Society	3			Grade of C	CHM 116 must be complete by end of term 3
Elective	3				
TERM FOUR: 46-60 CREDIT HOURS					
BIO 320: Fundamentals of Ecology	3	⊠		Grade of C	Maintain 2.0 GPA in all critical courses, major
STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3			Grade of C	courses, and related fields
CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory OR CHM 231 Elem Organic Chemistry & CHM 235 Laboratory OR	4 or			Grade of C in CHM	
CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory	3			231 & 235, 233 & 237, or 234 & 238	
(if CHM 231/235 completed, take Elective)				01 234 & 238	
Humanities, Fine Arts & Design (HU)	3				
Literacy and Critical Inquiry (L)	3				
TERM FIVE: 61-75 CREDIT HOURS BIO 322: Conservation Biology and Ecological Sustainability I	3			Grade of C	
Complete one course from:	_			Grade of C	
BIO 340: General Genetics (4 hrs) OR BIO 345: Organic Evolution (3 hrs)	3 or 4	⊠		Grade of C	
Physical Science (PHY, GPH, GLG with Lab)	4 or 3/1			Grade of C	
Upper division CLAS Science and Society	3	\boxtimes		Grade of C	
Upper division elective	3 or			Grade of C in CHM	
(or CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory if CHM 233 and 237 is completed in term 4)	3/1			233/237 or 234/238	
TERM SIX: 76-90 CREDIT HOURS					
BIO 323: Conservation Biology and Ecological Sustainability II	3			Grade of C	
Complete one additional course from: BIO 340: General Genetics (4 hrs) OR BIO 345: Organic Evolution (3 hrs)	3 or 4			Grade of C	
Upper division Major Elective	3 or 4			Grade of C	
Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3	⊠			
Upper divisionelective	4 or 3				



Major Map: Biological Sciences (Conservation Biology and Ecological Sustainability) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title		I Immon	Transfer	Minimum Grade if	
(courses in bold/shading are critical)	Hrs.	Upper Division	Course/Grade	Required	Additional Critical Requirement Notes
TERM SEVEN: 91-105 CREDIT HOURS	1113.	Bivision	Course/Grade	Required	Additional Critical Requirement (votes
Upper division Major Elective	3 or 4			Grade of C	
Upper division Major Elective	3 or 4	⊠		Grade of C	
Upper division Literacy and Critical Inquiry (L)	3	⊠			7
Upper division elective	3	\boxtimes			
Elective	3				
TERM EIGHT: 106-120 CREDIT HOURS					
Upper division Major Elective	3 or 4	⊠		Grade of C	
Upper division Major Elective	3 or 4			Grade of C	
Upper division Major Elective	3			Grade of C	
Elective	3				
Elective	1				7

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Cumulative GPA (minimum 2.0)	Major GPA (2.000 Min.)	Hrs Resident Credit for Academic Recognition (56 minimum)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

· Humanities, Literacy and Critical Inquiry, Social Behavioral Sciences, and Science and Society courses are interchangeable in sequencing



Major Map: Biological Sciences (Ecology and Evolution) - Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

				nsfer Pathway: ☐TAG □ATP □None	Completed General Education: GAGEC GIGETC/CSUGE None
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM ONE: 0-15 CREDIT HOURS					
CHM 113: General Chemistry I	4			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • All freshmen must pass an academic success class and therefore must be enrolled in an Academic Success Cluster and/or a First Year Seminar.
MAT 251: Calculus for Life Sciences (MA) or MAT 170: Pre-calculus if needed as a pre-requisite	3			Grade of C	
Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) OR Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3				
Academic Success Class or First Year Seminar	1				
TERM TWO: 16-30 CREDIT HOURS		1			
BIO 181: General Biology I OR BIO 182: General Biology II	4			Grade of C	CHM 113 must be complete by end of term 2
CHM 116: General Chemistry II	4			Grade of C	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	
MAT 251 OR if complete Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3			Grade of C in MAT 251	
Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3				
TERM THREE: 31-45 CREDIT HOURS					
BIO 181: General Biology I OR BIO 182: General Biology II OR	4			Grade of C	CHM 116 must be complete by end of term 3
CHM 231 Elem Organic Chemistry & CHM 235 Laboratory OR CHM 233 Gen Organic Chemistry 1 & CHM 237 Laboratory	3/1 or 4			Grade of C	
CLAS Science and Society	3			Grade of C	
Elective	3				
TERM FOUR: 46-60 CREDIT HOURS					
BIO 320: Fundamentals of Ecology	3	☒		Grade of C	
STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3			Grade of C	
CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory OR CHM 231 Elem Organic Chemistry & CHM 235 Laboratory OR CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory if CHM 231/235 completed, take Elective	4 or 3			Grade of C in CHM 231 & 235, 233 & 237, or 234 & 238	
Elective or Humanities, Fine Arts & Design (HU) if not completed in term 2	3				
Literacy and Critical Inquiry (L)	3				
TERM FIVE: 61-75 CREDIT HOURS					
BIO 321: Introductory Ecology Laboratory OR Upper Division Major Concentration	2 or 4			Grade of C	
Complete one course from: BIO 340: General Genetics (4 hrs) OR BIO 345: Organic Evolution (3 hrs)	3 or 4	⊠		Grade of C	
PHY 101: Introduction to Physics OR PHY 111: General Physics & PHY 113: Laboratory	4 or 3/1			Grade of C	
Upper division CLAS Science and Society	3			Grade of C	
Upper division elective or CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory if CHM 233 and 237 is completed in term 4	3 or 3/1	⊠or □		Grade of C in CHM 233/237 or 234/238	
TERM SIX: 76-90 CREDIT HOURS					
BIO 321: Introductory Ecology Laboratory OR Upper Division Major Concentration	2 or 4	⊠		Grade of C	
Complete one additional course from: BIO 340: General Genetics (4 hrs) OR BIO 345: Organic Evolution (3 hrs)	3 or 4	⊠		Grade of C	
PHY 112: General Physics/Laboratory & PHY 114: Laboratory OR, if PHY 101 completed, take Elective	4 or 3			Grade of C in PHY 112 & 114	
Upper division Major Elective	3 or 4	⊠		Grade of C	
Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3	\boxtimes			



Major Map: Biological Sciences (Ecology and Evolution)

- Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title		Upper	Transfer	Minimum Grade if	
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes
TERM SEVEN: 91-105 CREDIT HOURS					
Approved course with BIO, MBB, MIC, or PLB prefix (see advisor)	4	\boxtimes		Grade of C	
Upper division Major Concentration	3 or 4			Grade of C	
Upper division Major Concentration	3 or 4			Grade of C	
Upper division Literacy and Critical Inquiry (L)	3	\boxtimes			1
Upper division elective	3	\boxtimes			
TERM EIGHT: 106-120 CREDIT HOURS					
Approved course with ASM, BCH, MAT or STP prefix (see advisor)	4			Grade of C	
Upper division Major Concentration	3 or 4			Grade of C	
Upper division Major Elective	3 or 4			Grade of C	
Upper division Major Elective (if needed)	3	⊠		Grade of C	
Upper division elective	1				

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Cumulative GPA (minimum 2.0)	Major GPA (2.000 Min.)	Hrs Resident Credit for Academic Recognition (56 minimum)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

· Humanities, Literacy and Critical Inquiry, Social Behavioral Sciences, and Science and Society courses are interchangeable in sequencing



Major Map: Biological Sciences (Genetics, Cell & Developmental Biology) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Tran	sfer Pathway: ΓAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title	11	Upper	Transfer	Minimum Grade if	
(courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes
CHM 113: General Chemistry I (SQ)	4			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score
ENG 101 and 102: First-Year Composition OR	_			Grade of C	determines placement into first-year
ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students	3			Grade of C	composition courses • ASU Math Placement Exam score determines
MAT 251: Calculus for Life Sciences (MA) or MAT 170: Pre-calculus (MA) if needed as a pre-requisite	3			Grade of C	placement in Mathematics course • All freshmen must pass an academic success
Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US					class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar
(C), Global Awareness (G) or Historical Awareness (H) OR Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3				Success Cluster and/of a First Teal Seminar
Academic Success Class or First Year Seminar	1				
TERM TWO: 16-30 CREDIT HOURS					
BIO 181: General Biology I (SQ) OR	4			Grade of C	CHM 113 must be complete by end of term 2
BIO 182: General Biology II (SG)					
CHM 116: General Chemistry II (SQ) ENG 101 and 102: First-Year Composition OR	4			Grade of C	
ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students	3			Grade of C	
MAT 251 Calculus for Life Sciences (MA) OR if complete take Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3			Grade of C in MAT 251	
Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3				
TERM THREE: 31-45 CREDIT HOURS					
BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG)	4			Grade of C	CHM 116 must be complete by end of term 3
CHM 231 Elem Organic Chemistry & CHM 235 Laboratory (SQ) OR CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory	3/1			Grade of C	
CLAS Science and Society	3			Grade of C	
Elective	3				
TERM FOUR: 46-60 CREDIT HOURS					
BIO 353: Cell Biology	3	\boxtimes		Grade of C	
STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3			Grade of C	
CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory OR CHM 231 Elem Organic Chemistry & CHM 235 Laboratory (SQ) OR	3/1			Grade of C in CHM	
CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory if CHM	or 3			231 & 235, 233 & 237, or 234 & 238	
231/235 completed, take Elective				01 234 & 238	
Humanities, Fine Arts & Design (HU) or elective if complete	3				
Literacy and Critical Inquiry (L)	3				
TERM FIVE: 61-75 CREDIT HOURS					
BIO 351: Developmental Anatomy	3			Grade of C	
BIO 340: General Genetics (4 hrs) PHY 101: Introduction to Physics (SQ) OR	4 4 or			Grade of C	
PHY 111: General Physics & PHY 113: Laboratory (SQ) Upper division CLAS Science and Society	3/1			Grade of C Grade of C	
elective or CHM 234 Gen Organic Chemistry II & CHM 238				Grade of C in CHM	
Laboratory if CHM 233 and 237 is completed in term 4	3			233/237 or 234/238	
TERM SIX: 76-90 CREDIT HOURS	2	⋈		Contact C	
BIO 345: Organic Evolution (3 hrs) Complete one course from:	3			Grade of C	
BIO 446: Principles of Human Genetics (3) (L) MBB/PLB 350: Applied Genetics (4) MBB 343: Genetic Engineering & Society (L) (4)	3 or 4			Grade of C	
PHY 112: General Physics/Laboratory & PHY 114: Laboratory (SQ) OR, if PHY 101 completed, take Elective	4 or 3			Grade of C in PHY 112 & 114	
Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3				
Upper division Elective	3	\boxtimes			



Major Map: Biological Sciences (Genetics, Cell & Developmental Biology) – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
TERM SEVEN: 91-105 CREDIT HOURS						
BIO 455: Intro to Comparative Genomics	3	\boxtimes		Grade of C		
Upper division Major elective	3	\boxtimes		Grade of C		
Upper division elective	3	\boxtimes				
Upper division Literacy and Critical Inquiry (L)	3	\boxtimes				
Elective	3					
TERM EIGHT: 106-120 CREDIT HOURS						
BIO 499: Individualized Instruction	1-3	\boxtimes		Grade of C	BIO 499 requires the completion of an	
Upper division Major Elective	3	\boxtimes		Grade of C	individualized instruction form and meeting	
Upper division Major Elective	2	\boxtimes		Grade of C	with a faculty member before the semester begins. This research experience is secured b	
Upper division elective	3	\boxtimes			the student.	
Upper division elective	2	\boxtimes			7	

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Cumulative GPA (minimum 2.0)	Major GPA (2.000 Min.)	Hrs Resident Credit for Academic Recognition (56 minimum)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

· Humanities, Literacy and Critical Inquiry, Social Behavioral Sciences, and Science and Society courses are interchangeable in sequencing



Major Map: Biological Sciences (Genomics and Bioinformatics) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Tran	sfer Pathway: ΓAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title	11	Upper	Transfer	Minimum Grade if	
(courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes
CHM 113: General Chemistry I (SQ)	4			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score
ENG 101 and 102: First-Year Composition OR					determines placement into first-year
ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students	3			Grade of C	composition courses ASU Math Placement Exam score determines
MAT 251: Calculus for Life Sciences (MA) or	_			0.1.60	placement in Mathematics course
MAT 170: Precalculus (MA) if needed as pre-requisite	3			Grade of C	All freshmen must pass an academic success class and therefore must enroll in an Academic
Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) OR Humanities,					Success Cluster and/or a First Year Seminar
Fine Arts & Design (HU) and Cultural Diversity in the US (C), Global	3				
Awareness (G) or Historical Awareness (H)					
Academic Success Class or First Year Seminar	1				
TERM TWO: 16-30 CREDIT HOURS BIO 181: General Biology I (SQ) OR					CHM 113 must be complete by the end of term
BIO 182: General Biology II (SG)	4			Grade of C	2
CHM 116: General Chemistry II (SQ)	4			Grade of C	
ENG 101 and 102: First-Year Composition OR	2			0 1 60	
ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students	3			Grade of C	
Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US					
(C), Global Awareness (G) or Historical Awareness (H) OR	3				
MAT 251 Calculus for Life Sciences (MA) if not complete in term 1. Social & Behavioral Science (SB) and Cultural Diversity in the US (C),	_				
Global Awareness (G) or Historical Awareness (H)	3				
TERM THREE: 31-45 CREDIT HOURS			i e		
BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG)	4			Grade of C	First-year composition must be completed CHM 116 must be complete by the end of term
CHM 231 Elem Organic Chemistry & CHM 235 Laboratory (SQ) OR	3/1			Grade of C	3
CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory					
CLAS Science and Society	3			Grade of C	
Elective	3				
TERM FOUR: 46-60 CREDIT HOURS Complete one course from:					
BIO 340: General Genetics (4 hrs) OR					
BIO 345: Organic Evolution (3 hrs) STP 226: Elements of Statistics (CS) OR	3 or 4			Grade of C	
STP 231: Statistics for Life Science (CS)	3			Grade of C	
CHM 231 Elem Organic Chemistry & CHM 235 Laboratory (SQ) OR					
CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory OR CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory if not				Grade of C in CHM	
completed in term 3	3/1			234 & 238	
Elective OR Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US					
(C), Global Awareness (G) or Historical Awareness (H) if not complete					
in term 2	3				
Literacy and Critical Inquiry (L)	3				
TERM FIVE: 61-75 CREDIT HOURS Complete one additional course from:					
BIO 340: General Genetics (4 hrs) OR					
BIO 345: Organic Evolution (3 hrs)	3 or 4	\boxtimes		Grade of C	
PHY 101: Introduction to Physics OR PHY 111: General Physics & PHY 113: Laboratory	4 or 3/1			Grade of C	
Upper division major concentration	3 or 4	\boxtimes		Grade of C	
Upper division CLAS Science and Society	3]
Elective OR				C-1-+C: CIBA	
CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory if CHM 233 & CHM 237 completed in term 4	3 or 3/1			Grade of C in CHM 233/237 or 234/238	
TERM SIX: 76-90 CREDIT HOURS	-/-				<u></u>
Upper division major concentration	3 or 4	\boxtimes		Grade of C	
Upper division major concentration	3 or 4	\boxtimes		Grade of C	
Upper division major elective	3 or 4	\boxtimes		Grade of C	
PHY 112: General Physics & PHY 114: Laboratory OR if PHY 101 completed, take Elective	4 or 3			Grade of C in PHY 112 & 114	



Major Map: Biological Sciences (Genomics and Bioinformatics) - Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM SEVEN: 91-105 CREDIT HOURS					
MBB 440: Functional Genomics	3	\boxtimes		Grade of C	
Upper division Major Elective	3 or 4			Grade of C	
Upper division Major Elective	3 or 4			Grade of C	
Upper division Literacy and Critical Inquiry (L)	3	\boxtimes			
Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3				
TERM EIGHT: 106-120 CREDIT HOURS					
Upper division Major Concentration	3	\boxtimes		Grade of C	
Upper division Major Elective	3	\boxtimes		Grade of C	
Upper division Major Elective	3	\boxtimes		Grade of C	
Upper division elective	3	\boxtimes			
Upper division elective	3	\boxtimes			

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Cumulative GPA (minimum 2.0)	Major GPA (2.000 Min.)	Hrs Resident Credit for Academic Recognition (56 minimum)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0

 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ)
 - 0 Natural Science-General (SG)
- General Studies Awareness Requirements Cultural Diversity in the US (C)
 - Global Awareness (G)
 - Historical Awareness (H) 0
- First-Year Composition

Humanities, Literacy and Critical Inquiry, Social Behavioral Sciences, and Science and Society courses are interchangeable in sequencing



Major Map: Biological Sciences (Plant Biology) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None		Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title		Upper	Transfer	Minimum Grade if	
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes
TERM ONE: 0-15 CREDIT HOURS	4			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score
CHM 113: General Chemistry I (SQ) ENG 101 and 102: First-Year Composition OR	4	Ш		Grade of C	determines placement into first-year
ENG 101 and 102. First-Year Composition OR ENG 105: Advanced First-Year Composition OR	3				composition courses
ENG 107 and 108: English for Foreign Students					ASU Math Placement Exam score determines placement in Mathematics course
MAT 251: Calculus for Life Sciences (MA) or MAT 170: Pre-calculus	3			Grade of C	All freshmen must pass an academic success
(MA) (if needed as a pre-requisite) Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US					course and therefore must enroll in an Academic
(C), Global Awareness (G) or Historical Awareness (H) OR Social &	3			Grade of C	Success Cluster and/or a First Year Seminar.
Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)					
Academic Success Class or First Year Seminar	1				
TERM TWO: 16-30 CREDIT HOURS					
Complete one additional course from:					CHM 113 must be complete by the end of term
BIO 181: General Biology I (OR PLB 200: Biology of Plants & PLB 201: Laboratory) (SQ)	4 or 3/1			Grade of C	2
BIO 182: General Biology II (SG)	3/1				
CHM 116: General Chemistry II (SQ)	4			Grade of C	
ENG 101 and 102: First-Year Composition OR					
ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students	3			Grade of C	
MAT 251 Calculus for Life Sciences (MA) or if complete					•
Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US	3			Grade of C in MAT 251	
(C), Global Awareness (G) or Historical Awareness (H)				231	
Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3				
TERM THREE: 31-45 CREDIT HOURS					
Complete remaining course from:					CHM 116 must be complete by end of term 3
BIO 181: General Biology I (OR PLB 200: Biology of Plants & BLD 201: L. L. L. (CO) COO.	4 or			Grade of C	
PLB 201: Laboratory) (SQ) • BIO 182: General Biology II (SG)	3/1				
CHM 231 Elem Organic Chemistry & CHM 235 Laboratory (SQ) OR	3/1			Grade of C	
CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory					
CLAS Science and Society	3			Grade of C	
Elective	4				
TERM FOUR: 46-60 CREDIT HOURS	2	1 21		Condo of C	•
Upper division Major Concentration STP 226: Elements of Statistics (CS) OR	3			Grade of C	
STP 231: Statistics for Life Science (CS)	3			Grade of C	
CHM 231 Elem Organic Chemistry & CHM 235 Laboratory (SQ)	3/1	⊠		Grade of C	
CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory Elective or Humanities, Fine Arts & Design (HU) and Cultural					•
Diversity in the US (C), Global Awareness (G) or Historical Awareness	3				
(H) if not complete in term 2	_				
Literacy and Critical Inquiry (L)	3				
TERM FIVE: 61-75 CREDIT HOURS					
Complete one course from: BIO 340: General Genetics (4 hrs) OR	3 or	\boxtimes		Grade of C	
BIO 345: Organic Evolution (3 hrs)	4				
Complete one course from:					
 PLB 300: Comparative Plant Diversity (4) (L or SG) PLB 306: Plant Anatomy (4) or PLB 308 Plant Physiology (4) 	3 or	_			
BIO 320: Fundamentals of Ecology (3)	4	\boxtimes		Grade of C	
BIO 353: Cell Biology (3) or MBB 247: Applied Biosciences:					
Biotechnology (4) PHY 101: Introduction to Physics (SQ) OR	4 ~=				
PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics & PHY 113: Laboratory (SQ)	4 or 3/1			Grade of C	
Upper division elective or CHM 234 Gen Organic Chemistry II &	3 or	⊠or		Grade of C	
CHM 238 Laboratory if CHM 233 and 237 is completed in term 4 Upper division CLAS Science and Society	3/1			Grade of C	1
oppor arrision our to belence and boolety	,		1	Grade or C	i



Major Map: Biological Sciences (Plant Biology) – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title		**	TE C	L MC : C 1 : C	1
(courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
	1113.	Division	Course/Grade	Required	Additional Critical requirement (votes
TERM SIX: 76-90 CREDIT HOURS Complete one additional course from: BIO 340: General Genetics (4 hrs) OR BIO 345: Organic Evolution (3 hrs)	3 or 4			Grade of C	
PHY 112: General Physics/Laboratory & PHY 114: Laboratory (SQ) OR, if PHY 101 completed, take Elective	4 or 3			Grade of C in PHY 112 & 114	
Upper division Major Elective	3 or 4			Grade of C	
Complete one additional course from: PLB 300: Comparative Plant Diversity (4) (L or SG) PLB 306: Plant Anatomy (4) or PLB 308 Plant Physiology (4) BIO 320: Fundamentals of Ecology (3) BIO 353: Cell Biology (3) or MBB 247: Applied Biosciences: Biotechnology (4)	3 or 4	⊠		Grade of C	
TERM SEVEN: 91-105 CREDIT HOURS					
Complete two additional courses from: PLB 300: Comparative Plant Diversity (4) (L or SG) PLB 306: Plant Anatomy (4) or PLB 308 Plant Physiology (4) BIO 320: Fundamentals of Ecology (3)	3 or 4	⊠		Grade of C	
BIO 320: Fundamentals of Ecology (3) BIO 353: Cell Biology (3) or MBB 247: Applied Biosciences: Biotechnology (4)	3 or 4			Grade of C	
Upper division Major Elective	3 or 4			Grade of C	
Upper division Literacy and Critical Inquiry (L)	3				
Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3	\boxtimes			
TERM EIGHT: 106-120 CREDIT HOURS					
Upper division Major Elective	3 or 4	\boxtimes		Grade of C	
Upper division Major Elective	3 or 4			Grade of C	
Upper division elective	3				
Elective	3				1

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition (56 minimum)	Major GPA (2.000 Min.)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
 - General Studies Awareness Requirements

 O Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Humanities, Literacy and Critical Inquiry, Social Behavioral Sciences, and Science and Society courses are interchangeable in sequencing



Major Map: Chemistry – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences, Tempe Campus Catalog Year: 2010-2011

			Competed Tran	nsfer Pathway: TAG	Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
TERM ONE: 0-15 CREDIT HOURS	ms.	Division	Course/Grade	Required	Additional Critical Requirement Notes	
CHM 113: General Chemistry I (SQ)	4			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score	
ENG 101 or 102: First-Year Composition OR					determines placement into first-year	
ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3			Grade of C	composition courses ASU Math Placement Exam score determines	
MAT 270: Calculus & Analytic Geometry I (MA	4			Grade of C	placement in Mathematics course	
Social & Behavioral Science (SB) AND Cultural Awareness in the	3			Grade of C	Consult an academic advisor for Learning Community, Academic Success Clusters and	
US (C), Global Awareness (G) OR Historical Awareness (H)	3				First Year Seminar options	
Academic Success Class or First Year Seminar	1				All freshmen must pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar	
TERM TWO: 16-30 CREDIT HOURS			1			
CHM 116: General Chemistry II (SQ)	4			Grade of C		
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR	3			Grade of C		
ENG 107 or 108: English for Foreign Students						
MAT 271: Calculus with Analytic Geometry II	4			Grade of C		
Second Language	4			Grade of C in 202		
TERM THREE: 31-45 CREDIT HOURS					First Von Commonition community dhy the and of	
CHM 233: General Organic Chemistry I or CHM 333: Organic Chemistry for Majors I	3			Grade of C	First-Year Composition completed by the end of semester 3	
CHM 237: General Organic Chemistry I Laboratory or	1			Grade of C	 The following courses completed by end of 	
CHM 337: Organic Chemistry for Majors I Laboratory PHY 111: General Physics & PHY 113 General Physics	-			Grade of C	term 3: CHM 113, CHM 116, MAT 270, PHY 111.	
Laboratory	3/1			Grade of C		
Second Language or if completed, take Elective	4			Grade of C in 202		
Elective	2					
TERM FOUR: 46-60 CREDIT HOURS						
CHM 234: General Organic Chemistry II or CHM 334: Organic Chemistry for Majors II	3			Grade of C	 Remaining courses completed by end of term 4: CHM 233 (or 333), CHM 237 (or 337), 	
CHM 238: General Organic Chemistry II Laboratory	1			Grade of C	PHY 112/114.	
CHM 338: Organic Chemistry for Majors II Laboratory PHY 112: General Physics & PHY 114: General Physics	-			Grade of C		
Laboratory	3/1			Grade of C		
Second Language or if completed, take Elective	4			Grade of C in 202		
Social & Behavioral Science (SB) AND Cultural Awareness in the US (C), Global Awareness (G) OR Historical Awareness (H)	3					
TERM FIVE: 61-75 CREDIT HOURS						
CHM 325: Analytical Chemistry & CHM 326 Analytical Chem. Lab	3/1	\boxtimes		Grade of C		
CHM 341: Elemental Physical Chemistry	3			Grade of C		
CHM 343: Physical Chemistry Laboratory	1	⊠		Grade of C		
Humanities, Fine Arts & Design (HU) AND Cultural Awareness in	3					
the US (C), Global Awareness (G) OR Historical Awareness (H) Second Language or if completed, take Elective	4			Grade of C in 202		
	4			Grade of C III 202		
TERM SIX: 76-90 CREDIT HOURS Upper division BCH/CHM Elective	3	\boxtimes		Grade of C		
Computer/Statistics/Quantitative applications (CS)	3			Grade of C		
Humanities, Fine Arts & Design (HU)	3					
Literacy and Critical Inquiry (L)	3					
Upper division elective	4	⊠				
TERM SEVEN: 91-105 CREDIT HOURS						
CHM 453: Inorganic Chemistry	3	⊠		Grade of C	Elective vs. Upper division Elective is	
Upper division Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB)	3				dependent upon level of Organic Chemistry and Biology Electives. • Forty-five total units of upper division is required for degree completion	
Upper division elective	3	\boxtimes				
Upper division elective	3	⊠				
Upper division elective	3	⊠				
TERM EIGHT: 106-120 CREDIT HOURS						
Upper division Literacy and Critical Inquiry (L)	3	⊠				
Upper division elective	3	\boxtimes				
Upper division elective	3	⊠				
Upper division elective	3					
Upper division elective	3	\boxtimes				



Major Map: Chemistry – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences, Tempe Campus

Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition (56 minimum)	Major GPA (2.000 Min.)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0
 - 0

 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition



Major Map: Chemistry – Bachelor of Science (B.S.)
College of Liberal Arts and Sciences, Tempe Campus
Catalog Year: 2010-2011

			Competed Trai	nsfer Pathway: TAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title		Upper	Transfer	Minimum Grade if	HAGEC HIGHTC/CSOGE HAGIC	
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes	
TERM ONE: 0-15 CREDIT HOURS	2/1				An SAT, ACT, Accuplacer, or TOEFL score	
CHM 117 & 111: General Chemistry for Majors I & Lab (SQ) or CHM 113: General Chemistry I (SQ)	3/1 or 4			Grade of C	determines placement into first-year composition courses	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3			Grade of C	ASU Math Placement Exam score determines placement in Mathematics course	
MAT 270: Calculus & Analytical Geometry I (MA)	4			Grade of C	Consult an academic advisor for Learning Community, Academic Success Clusters and	
Social & Behavioral Science (SB) AND Cultural Awareness in the US (C), Global Awareness (G) OR Historical Awareness (H)	3				First Year Seminar options • All freshmen must pass an academic success	
Academic Success Class or First Year Seminar	1				class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar	
TERM TWO: 16-30 CREDIT HOURS						
CHM 118 & 112: General Chemistry for Majors II & Lab (SQ) or	3/1			Grade of C		
CHM 116: General Chemistry II (SQ) ENG 101 or 102: First-Year Composition OR	or 4			Grade or c	-	
ENG 107 in 102. First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3			Grade of C		
MAT 271: Calculus with Analytic Geometry II	4			Grade of C	1	
PHY 121: University Physics I & PHY 122: University Physics I Lab	3/1			Grade of C	1	
TERM THREE: 31-45 CREDIT HOURS						
CHM 333: Organic Chemistry for Majors I or CHM 233: General Organic Chemistry I	3			Grade of C	First-Year Composition completed by the end of semester 3	
CHM 337: Organic Chemistry for Majors I Laboratory or CHM 237: General Organic Chemistry I Laboratory	1			Grade of C	 The following courses completed by end of term 3: CHM 117 & 111 (or 113), CHM 118 	
Humanities, Fine Arts & Design (HU) AND Cultural Awareness in the US (C), Global Awareness (G) OR Historical Awareness (H)	3				& 112 (or 116), MAT 270, MAT 271	
MAT 272: Calculus with Analytic Geometry III	4			Grade of C	1	
PHY 131: University Physics II & PHY 132: University Physics II Lab	3/1			Grade of C		
TERM FOUR: 46-60 CREDIT HOURS						
CHM 334: Organic Chemistry for Majors II or CHM 234: General Organic Chemistry II	3			Grade of C	 Remaining courses completed by end of term 4: CHM 233 (or 333), CHM 237 (or 337), 	
CHM 338: Organic Chemistry for Majors II Laboratory or CHM 238: General Organic Chemistry II Laboratory	1			Grade of C	• AZ Community College students should consult	
CHM 240: Intro to Physical Chemistry (CS)	3			Grade of C	with their advisor for appropriate math course to meet CHM 345 prerequisite requirement.	
Social & Behavioral Science (SB) AND Cultural Awareness in the US (C), Global Awareness (G) OR Historical Awareness (H)	3				nect cran s to prerequisite requirement.	
Elective	3				1	
Elective	3]	
TERM FIVE: 61-75 CREDIT HOURS						
CHM 325: Analytical Chemistry & CHM 326 Analytical Chem Lab	3/1	\boxtimes		Grade of C	CHM 325, 326, and 345 are only offered in the	
CHM 345: Physical Chemistry I	3	\boxtimes		Grade of C	Fall semester.	
Humanities, Fine Arts & Design (HU)	3					
Literacy and Critical Inquiry (L)	3					
TERM SIX: 76-90 CREDIT HOURS	1				GVD 4 225 220 246 240 1240	
CHM 327 Instrumental Analysis	3			Grade of C	CHM 327, 328, 346, 348, and 349 are only offered in the Spring semester.	
CHM 328: Instrumental Analysis Laboratory	2			Grade of C	offered in the Spring semester.	
CHM 346: Physical Chemistry II CHM 348: Physical Chemistry I Lab & CHM 349: Physical Chemistry	3	\boxtimes		Grade of C		
II Lab (must also complete CHM 452 to secure L) Upper division Humanities, Fine Arts & Design (HU) or	1/1			Grade of C		
Social Behavioral Science (SB)	3					
Upper division elective	3	\boxtimes				
TERM SEVEN: 91-105 CREDIT HOURS	2	F7		Condo of C	CHM 453 and 460 are only offered in the Fall	
CHM 453: Inorganic Chemistry	3			Grade of C	CHM 453 and 460 are only offered in the Fall semester.	
CHM 460: Biological Chemistry	3	⊠ ⊠		Grade of C		
Upper division CLAS Science & Society	3			Grade of C		
Upper division elective	3					
Elective	3			I		



Major Map: Chemistry - Bachelor of Science (B.S.)

College of Liberal Arts and Sciences, Tempe Campus Catalog Year: 2010-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Mınımum Grade if Required	Additional Critical Requirement Notes
TERM EIGHT: 106-120 CREDIT HOURS					
CHM 452: Inorganic Chemistry Laboratory (must also complete CHM 348 & CHM 349 to secure L)	1	⊠		Grade of C	CHM 452 is only offered in the Spring semester.
CHM elective	3	\boxtimes		Grade of C	
CLAS Science & Society	3			Grade of C	
Upper division elective	3	\boxtimes			
Upper division elective	3	\boxtimes			
Elective	2				

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition (56 minimum)	Major GPA (2.000 Min.)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Chemistry (Environmental Chemistry) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences, Tempe Campus Catalog Year: 2010-2011

			Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None		Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
TERM ONE: 0-15 CREDIT HOURS	1113.	Division	Course Grade	Required	Additional Critical requirement rootes	
CHM 117 & 111: General Chemistry for Majors I & Lab (SQ) or	3/1			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score	
CHM 113: General Chemistry I (SQ)	or 4				determines placement into first-year	
MAT 270: Calculus with Analytic Geometry I (MA)	4			Grade of C	composition courses ASU Math Placement Exam score determines	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR	3			Grade of C	placement in Mathematics course	
ENG 107 or 108: English for Foreign Students					Maintain 2.0 GPA in all critical courses and	
Social & Behavioral Science (SB) AND Cultural Awareness in the US	3				upper division BCH and CHM courses All freshmen must pass an academic success	
(C), Global Awareness (G) OR Historical Awareness (H)					class and therefore must enroll in an Academic	
Academic Success Course or first Year Seminar	1				Success Cluster and /or a First Year Seminar	
TERM TWO: 16-30 CREDIT HOURS CHM 118 & 112: General Chemistry for Majors II & Lab (SQ) or	3/1				Maintain 2.0 GPA in all critical courses	
CHM 116: General Chemistry II (SQ)	or 4			Grade of C	Waintain 2.0 GPA in an critical courses	
MAT 271: Calculus with Analytic Geometry II (MA)	4			Grade of C		
PHY 121: University Physics I: Mechanics & PHY 122: University	3/1			Grade of C		
Physics I Lab (SQ)	3/1			Grade of C	_	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR	3			Grade of C		
ENG 107 or 108: English for Foreign Students				Grade of C		
TERM THREE: 31-45 CREDIT HOURS						
CHM 333: Organic Chemistry for Majors I or	3			Grade of C	• First-Year Composition completed by the end of	
CHM 233: General Organic Chemistry I CHM 337: Organic Chemistry for Majors I Laboratory or					semester 3 • Maintain 2.0 GPA in all critical courses	
CHM 237: General Organic Chemistry I Laboratory	1			Grade of C	The following pre-requisite courses completed	
MAT 272: Calculus with Analytic Geometry III* (MA)	4			Grade of C	by end of term 3: CHM 117 & 111 (or 113),	
					CHM 118 & 112 (or 116)	
PHY 131: University Physics II & PHY 132: University Physics II Lab	3/1			Grade of C	*AZ Community College students should consult	
		_			with their advisor for appropriate math course to	
TERM FOUR. 47 (A CREDIT HOURS					meet CHM 345 prerequisite requirement.	
TERM FOUR: 46-60 CREDIT HOURS CHM 334: Organic Chemistry for Majors II or					Maintain 2.0 GPA in all critical courses	
CHM 234: General Organic Chemistry II	3			Grade of C	Remaining pre-requisite courses completed by	
CHM 338: Organic Chemistry for Majors II Laboratory or	1			Grade of C	end of term 4: CHM 233, CHM 237, CHM 240.	
CHM 238: General Organic Chemistry II Laboratory CHM 240: Introduction to Physical Chemistry (CS)	3			Grade of C	_	
Social & Behavioral Science (SB) AND Cultural Awareness in the US				Grade of C	_	
(C), Global Awareness (G) OR Historical Awareness (H)	3					
Elective	3					
TERM FIVE: 61-75 CREDIT HOURS						
CHM 302: Environmental Chemistry	3	\boxtimes		Grade of C	CHM 302, 325, 326, and 345 are only offered in the Fall semester.	
CHM 325 Analytical Chemistry and CHM 326 Analytical Chem. Lab	3/1	\boxtimes		Grade of C	the ran semester.	
CHM 345: Physical Chemistry I	3	\boxtimes		Grade of C		
Humanities, Fine Arts & Design (HU)	3					
Literacy and Critical Inquiry (L)	3					
TERM SIX: 76-90 CREDIT HOURS					CVD (240 LC) C 221 L C L L	
BCH 361 Principles of Biochemistry and BCH 367Elementary Biochemistry Laboratory	3/1	\boxtimes		Grade of C	CHM 348 and GLG 321 are only offered in the Spring semester.	
CHM 303: Environmental Chemistry Laboratory (must also complete	2.2	\square		Grade of C in CHM	CHM 303 is only offered every other Spring	
CHM 348 to secure L) or upper division elective	2-3			303	semester.	
CHM 348: Physical Chemistry Laboratory I (must also complete CHM 303 to secure L)	1	\boxtimes		Grade of C		
Upper division CLAS Science and Society	3	\boxtimes		Grade of C		
GLG 321: Mineralogy	3			Grade of C	1	
TERM SEVEN: 91-105 CREDIT HOURS					<u></u>	
CLAS Science and Society	3			Grade of C		
Upper division Humanities, Fine Arts & Design (HU) or					1	
Social & Behavioral Science (SB)	3				_	
Elective	3				_	
Upper division elective	3				_	
Upper division elective	4					



Major Map: Chemistry (Environmental Chemistry) – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences, Tempe Campus

Catalog Year: 2010-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM EIGHT: 106-120 CREDIT HOURS					
CHM 303: Environmental Chemistry Laboratory (must also complete CHM 348 to secure L) or upper division elective	2-3	⊠		Grade of C in CHM 303	
CHM 481: Geochemistry	3	\boxtimes		Grade of C	
Elective	2				
Elective	3				
Upper division elective	3				
Upper division elective	3]

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Cumulative GPA (minimum 2.0)	Major GPA (2.000 Min.)	Hrs Resident Credit for Academic Recognition (56 minimum)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Communication – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Tran		Completed General Education:
T =		1		ΓAG □ATP □None	□AGEC □IGETC/CSUGE □None
Course Subject and Title (courses in bold/shading are critical)	Hrs	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM ONE: 0-15 CREDIT HOURS					
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses
ENG 107 of 108. English for Poreign Students	3			Grade of C	ASU Math Placement Exam score determines placement in mathematics course
Humanities, Fine Arts, and Design (HU) and Cultural Diversity in the U.S. (C), Global Awareness (G) or Historical Awareness (H)	3				Complete all critical courses by end of semester 4 All freshmen are required to pass an academic success class and therefore must enroll in an
Second language	4			Grade of C in 202	Academic Success Cluster and/or a First-Year Seminar
Academic Success Class or First-Year Seminar	1				Select COM and Related Area courses in conjunction with academic advisor
Social and Behavioral Sciences (SB) and Cultural Diversity in the U.S. (C), Global Awareness (G) or Historical Awareness (H)	3				Complete First-Year Composition by end of semester 3 Minimum ASU cumulative GPA of 2.50
MAT 142: College Mathematics (MA)	3			Grade of C	recommended
TERM TWO: 16-30 CREDIT HOURS					
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3			Grade of C	Complete all critical courses by end of semester 4 Select COM and Related Area courses in conjunction with academic advisor
COM 100: Introduction to Human Communication (SB)	3			Grade of C	Complete First-Year Composition by end of
Natural Science-Quantitative (SQ)	4			Grade of C	semester 3 • Minimum ASU cumulative GPA of 2.50
Second language	4			Grade of C	recommended
TERM THREE: 31-45 CREDIT HOURS		_			
COM 225: Public Speaking (L)	3			Grade of C	Complete all critical courses by end of semester 4
Second language	4			Grade of C in 202	Select COM and Related Area courses in conjunction with academic advisor
Computer Science/Statistics/Quantitative Science (CS)	3				Minimum ASU cumulative GPA of 2.50 required
General elective	3				1
General elective	3				
TERM FOUR: 46-60 CREDIT HOURS					
COM 207: Introduction to Communication Inquiry	3			Grade of C	Complete all critical courses by end of semester 4
Second language	4			Grade of C in 202	Select COM and Related Area courses in conjunction with academic advisor
COM elective	3			Grade of C	Minimum ASU cumulative GPA of 2.50 required
Upper-division Humanities, Fine Arts, and Design (HU) and Cultural Diversity in the U.S. (C), Global Awareness (G) or Historical					
Awareness (H)	3				
Upper-division general elective	3	\boxtimes			
TERM FIVE: 61-75 CREDIT HOURS					
COM 308: Advanced Research Methods in Communication (L)	3	\boxtimes		Grade of C	Select COM and Related Area courses in
Upper-division COM elective (SB)	3			Grade of C	conjunction with academic advisor
Upper-division related area elective	3	\boxtimes		Grade of C	
Upper-division general elective	3	\boxtimes			
General elective	3				
TERM SIX: 76-90 CREDIT HOURS					
COM 4**	3	\boxtimes		Grade of C	
Upper-division COM elective	3	⊠		Grade of C	
Upper-division related area elective	3	\boxtimes		Grade of C	
Natural Science-Quantitative (SQ) or Natural Science-General (SG)	4				
Upper-division general elective	3	\boxtimes			
TERM SEVEN: 91-105 CREDIT HOURS					
COM 407: Advanced Critical Methods in Communication	3	⊠		Grade of C	
COM 4**	3	⊠		Grade of C	
Upper-division related area elective	3			Grade of C	-
Upper-division general elective	3				-
General elective	2		ĺ		



Major Map: Communication – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM EIGHT: 106-120 CREDIT HOURS					
COM 4**	3	\boxtimes			
Upper-division general elective	3	\boxtimes			
General elective	3				
General elective	3	П			

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Community College Hrs
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB)
 - Natural Sciences-Quantitative (SQ) 0
 - Natural Sciences-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the U.S. (C) 0
 - Global Awareness (G) 0
 - 0 Historical Awareness (H)
- First-Year Composition



Major Map: Communication – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Competed Transfer Pathway:		Completed General Education:				
	1	**		ΓAG □ATP □None	□AGEC □IGETC/CSUGE □None	
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
TERM ONE: 0-15 CREDIT HOURS						
ENG 101 or 102: First-Year Composition or					An SAT, ACT, Accuplacer, or TOEFL score	
ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3			Grade of C	determines placement into first-year composition courses	
Mathematics course (MA)	3			Grade of C	ASU Math Placement Exam score determines	
Humanities, Fine Arts, and Design (HU) and Cultural Diversity in the	3			Grade of C	placement in mathematics course	
U.S. (C), Global Awareness (G) or Historical Awareness (H)	3				All freshmen are required to pass an academic success class and therefore must enroll in an	
Social and Behavioral Sciences (SB) and Cultural Diversity in the	2				Academic Success Cluster and/or a First-Year	
U.S. (C), Global Awareness (G) or Historical Awareness (H) Academic Success Class or First-Year Seminar	3				Seminar	
Academic Success Class of First-1 ear Seminar	1	Ш			Select COM and Related Area courses in conjunction with academic advisor	
					Minimum ASU cumulative GPA of 2.50	
General elective	3				recommended	
TERM TWO: 16-30 CREDIT HOURS		ı		1		
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or					Select COM and Related Area courses in conjunction with academic advisor	
ENG 103. Advanced Phys-Teal Composition of ENG 107 or 108: English for Foreign Students	3			Grade of C	Complete First-Year Composition by end of	
COM 100: Introduction to Human Communication (SB)	3			Grade of C	semester 3	
Natural Sciences-Quantitative (SQ)	4				Minimum ASU cumulative GPA of 2.50 recommended	
General elective	3				- Commented	
General elective	3					
TERM THREE: 31-45 CREDIT HOURS						
COM 225: Public Speaking (L)	3			Grade of C	Select COM and Related Area courses in	
Computer Science/Statistics/Quantitative Science (CS)	3				conjunction with academic advisor Minimum cumulative ASU GPA of 2.50	
Natural Sciences-Quantitative (SQ) or Natural Sciences-General (SG)	4				required	
General elective	3					
General elective	3					
TERM FOUR: 46-60 CREDIT HOURS			ı	Ì		
COM 207: Introduction to Communication Inquiry	3			Grade of C	Select COM and Related Area courses in conjunction with academic advisor	
COM elective	3			Grade of C	Minimum cumulative ASU GPA of 2.50	
CLAS Science and Society	3			Grade of C	required	
Upper-division Humanities, Fine Arts, and Design (HU) and Cultural Diversity in the U.S. (C), Global Awareness (G) or Historical						
Awareness (H)	3	\boxtimes				
General elective	3					
TERM FIVE: 61-75 CREDIT HOURS						
COM 308: Advanced Research Methods in Communication (L)	3	\boxtimes		Grade of C	Select COM and Related Area courses in	
Upper-division COM elective (SB)	3	⊠		Grade of C	conjunction with academic advisor	
Upper-division related area elective	3	⊠		Grade of C		
Upper-division CLAS Science and Society	3	⊠		Grade of C		
General elective	3					
TERM SIX: 76-90 CREDIT HOURS						
COM 4**	3			Grade of C		
Upper-division COM elective	3			Grade of C	-	
Upper-division related area elective	3			Grade of C		
Upper-division general elective	3				-	
General elective	3					
TERM SEVEN: 91-105 CREDIT HOURS	_					
COM 408: Quantitative Research Methods in Communication	3			Grade of C	-	
COM 4**	3			Grade of C	-	
Upper-division related area elective	3			Grade of C	-	
Upper-division general elective	3					
General elective	3					
TERM EIGHT: 106-120 CREDIT HOURS						
COM 4**	3				-	
Upper-division general elective	3				-	
General Elective	3				-	
General Elective	3			<u> </u>		



Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Community College Hrs
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Sciences-Quantitative (SQ)
 - o Natural Sciences-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Computational Mathematical Sciences – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

	Competed Transfer Pathway: □ MAPP □TAG □ATP □None		Completed General Education: □AGEC □IGETC/CSUGE □None		
Course Subject and Title		Upper	Transfer	Minimum Grade if	
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes
TERM ONE: 0-15 CREDIT HOURS	4			0 1 60	An SAT, ACT, Accuplacer, or TOEFL score
MAT 270: Calculus with Analytic Geometry I (MA) ENG 101 or 102: First-Year Composition or	4			Grade of C	determines placement into first-year composition
ENG 105: Advanced First-Year Composition					courses
ENG 107 or 108: English for Foreign Students	3			Grade of C	ASU Math Placement Exam score determines placement in Mathematics course
Humanities, Fine Arts & Design (HU)	3				Minimum cumulative 2.80 GPA in all critical
Complete one from:					courses
Cultural Diversity in the US (C) OR Historical Awareness (H)	3				Minimum grade of C required in all MAT and STP classes; grade of B or better strongly
Academic Success Class or First Year Seminar (required for freshmen					correlated with timely graduation
only, transfers must still meet 120 total hours)	1				
TERM TWO: 16-30 CREDIT HOURS			ı		Minimum cumulative 2.80 GPA in all critical
CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming with Java (CS)	3			Grade of C	courses
MAT 271: Calculus with Analytic Geometry II	4			Grade of C	Minimum grade of C required in all MAT and
ENG 101 or 102: First-Year Composition or		_			STP classes; grade of B or better strongly correlated with timely graduation
ENG 105: Advanced First-Year Composition	2	_		C	correlated with timery graduation
ENG 107 or 108: English for Foreign Students	3			Grade of C	-
Social & Behavioral Science (SB) Complete remaining course from:	3				-
Cultural Diversity in the US (C) OR		_			
Historical Awareness (H)	3				
TERM THREE: 31-45 CREDIT HOURS			l		First-Year Composition completed by the end of
CSE 205: Object Oriented Programming and Data Structures	3			Grade of C	semester 3
MAT 272: Calculus with Analytic Geometry III	4			Grade of C	Minimum cumulative 2.80 GPA in all critical
Humanities, Fine Arts & Design (HU)	3				Courses Minimum grade of C required in all MAT and
Global Awareness (G)	3				STP classes; grade of B or better strongly
Literacy and Critical Inquiry (L)	3				correlated with timely graduation
TERM FOUR: 46-60 CREDIT HOURS CSE 240: Introduction to Programming Languages OR			ı		Minimum cumulative 2.80 GPA in all critical
CSE 310: Data Structures and Algorithms (CSE 310 requires the					courses
completion of pre-requisites CSE 205 and MAT 243 or MAT					Minimum grade of C required in all MAT and
300)	3			Grade of C	STP classes; grade of B or better strongly correlated with timely graduation
MAT 275: Modern Differential Equations	3			Grade of C	concluded with timery graduation
MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra	3			Grade of C	
Natural Science Quantitative (SQ) (recommend PHY 121/122)	4			Grade of C	+
Upper division CLAS Science and Society	3			Grade of C	-
TERM FIVE: 61-75 CREDIT HOURS	,			Grade of C	
MAT 420: Scientific Computing	3	\boxtimes		Grade of C	Minimum grade of C required in all MAT and
MAT 243: Discrete Math Structures OR					STP classes; grade of B or better strongly
MAT 300: Mathematical Structures (L)	3			Grade of C	correlated with timely graduation
Upper division CLAS Science and Society Upper division Literacy and Critical Inquiry (L) OR	3	⊠		Grade of C	_
if MAT 300 completed take Upper division general elective	3	\boxtimes			
Upper division general elective	3				
TERM SIX: 76-90 CREDIT HOURS					
MAT 421: Applied Computational Methods	3	\boxtimes		Grade of C	Minimum grade of C required in all MAT and STP alarms and a f P and attractional and
MAT 370: Intermediate Calculus OR					STP classes; grade of B or better strongly correlated with timely graduation
MAT 371: Advanced Calculus I OR MAT 460: Vector Calculus	3	\boxtimes		Grade of C	See the department advisor for a list of advanced
Science course	4				science courses.
Natural Science Quantitative (SQ) or General (SG)	4				7
Social & Behavioral Science (SB)	3	⊠			7
TERM SEVEN: 91-105 CREDIT HOURS					
Upper division MAT or STP (advanced) course	3	\boxtimes		Grade of C	Minimum grade of C required in all MAT and CTP. In the CTP.
Upper division (Advanced) Science course	3	\boxtimes			STP classes; grade of B or better strongly correlated with timely graduation
Science course	4				See the department advisor for a list of advanced
Upper division Humanities (HU) or Social Science (SB)	3	\boxtimes	1		science courses.



Major Map: Computational Mathematical Sciences – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title		Upper	Transfer	Minimum Grade if	
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes
TERM EIGHT: 106-120 CREDIT HOURS					
Internship/research/advanced course	3	\boxtimes			Minimum grade of C required in all MAT and
Upper division MAT or STP (advanced) course	3	\boxtimes		Grade of C	STP classes; grade of B or better strongly correlated with timely graduation
UD Science	3	\boxtimes			See the department advisor for a list of advanced
Upper division general elective	3	\boxtimes			science courses.
General Elective	1				

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Cumulative GPA (minimum 2.0)	Major GPA (2.000 Min.)	Hrs Resident Credit for Academic Recognition (56 minimum)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)Natural Science-Quantitative (SQ)
 - Natural Science-Quantitative (SQNatural Science-General (SG)
- o Natural Science-General (S
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition



Major Map: Earth and Space Exploration – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Tran ☐ MAPP ☐ ☐	ster Pathway:	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title		Upper	Transfer	Minimum Grade if	
(courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes
	3			Condo of C	An SAT, ACT, Accuplacer, or TOEFL score
SES 100: Introduction to Exploration SES 101: Earth, Solar System, and Universe I	3			Grade of C Grade of C	determines placement into first-year
SES 101: Earth, Solar System, and Universe I SES 103: Earth, Solar System, and Universe Laboratory I	1			Grade of C	composition courses • ASU Math Placement Exam score determines
ENG 101 or 102: First-Year Composition or	1	Ш		Grade of C	placement in Mathematics course
ENG 105: Advanced First-Year Composition or		_			All freshmen must pass an academic success
ENG 107 or 108: English for Foreign Students	3			Grade of C	course and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar
MAT 170 if needed or elective	3			Grade of C for MAT	
General Elective	3				
Academic Success Class or First Year Seminar	1				
TERM TWO: 16-30 CREDIT HOURS					
CHM 114: General Chemistry for Engineers	4			Grade of C	
MAT 265: Calculus for Engineers I (MA)	3			Grade of C	
SES 102: Earth, Solar System, and Universe II	3			Grade of C	
SES 104: Earth, Solar System, and Universe Laboratory II ENG 101 or 102: First-Year Composition or	1			Grade of C	
ENG 101 of 102. Prist-Year Composition of ENG 105: Advanced First-Year Composition or					
ENG 107 or 108: English for Foreign Students	3			Grade of C	
TERM THREE: 31-45 CREDIT HOURS					
PHY 121/122: University Physics I and Laboratory	3/1			Grade of C	First-Year Composition must be completed by the end of term 3
MAT 266: Calculus for Engineers II	3			Grade of C	the end of term 3
SES 210: Engineering Systems and Experimental Design	3			Grade of C	
Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C), Global Awareness (G), or Historical Awareness (H)	3				
General Elective	3				
TERM FOUR: 46-60 CREDIT HOURS	3				
Humanities, Fine Arts & Design (HU) and Cultural Diversity in the					
US (C), Global Awareness (G), or Historical Awareness (H)	3				
PHY 131: University Physics I: Mechanics	3			Grade of C	
PHY 123: University Physics Laboratory I	1			Grade of C	
MAT 267: Calculus for Engineers III	3			Grade of C	
CLAS Science and Society	3			Grade of C	
Literacy and Critical Inquiry (L)	3				
TERM FIVE: 61-75 CREDIT HOURS					
SES/GLG/AST Upper Division Elective (See DARS for list)	3			Grade of C	
SES Branch Course	3			Grade of C	
SES 310: Concepts of Electrical & Mechanical Engineering Design	3			Grade of C	
Upper Division CLAS Science and Society Social & Behavioral Science (SB) and Cultural Diversity (C), Global	3	\boxtimes		Grade of C	
Awareness (G), or Historical Awareness (H):	3				
TERM SIX: 76-90 CREDIT HOURS					
MAT 275: Modern Differential Equations	3			Grade of C	
SES/GLG/AST Upper Division Elective (See DARS for list)	3	\boxtimes		Grade of C	
SES Branch course	3	\boxtimes			
Social and Behavioral Science (SB)	3			Grade of C	
Upper division Literacy and Critical Inquiry (L)	3	\boxtimes			
TERM SEVEN: 91-105 CREDIT HOURS				ı	
SES 410: Senior Exploration Project I	3	\square		Grade of C	
Computer/Statistics/Quantitative applications (CS)	3				
Upper Division General Elective	3	\square			
GLG 400: Geology Colloquium	1	\boxtimes		Grade of C	
SES Branch Course	3	\boxtimes		Grade of C	
TERM EIGHT: 106-120 CREDIT HOURS					
SES 411: Senior Exploration Project II	3	\boxtimes		Grade of C	
Upper division Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB)	3	\boxtimes			
Upper division General Elective	3				
Upper division General Elective	3				
Upper division General Elective	2				
Opper arrision deneral Elective		لاعا		1	



Major Map: Earth and Space Exploration – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Cumulative GPA (minimum 2.0)	Major GPA (2.000 Min.)	Hrs Resident Credit for Academic Recognition	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)
Illillillium)	minimum)	2.0)		(56 minimum)	minimum)	Tits. (04 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

There is room in this map to add a concurrent degree, minor, or certificate

SES Branch courses – 9 credit hours must be completed:

AST 321: Intro to Planetary and Stellar Astronomy (3)

AST 322: Intro to Galactic and Extragalactic Astronomy (3)

SES 31: Essentials of Astrobiology (3)

GLG 321: Mineralogy (3)

GLG 424: Petrology (3)

SES 330: Practical Engineering and Inst. Assembly (3)

SES 405 Systems Engineering for Space Missions (3)

GLG 310: Structural Geology (3)

GLG 418: Geophysics (3)

GLG 470: Hydrogeology (3) or CEE 440: Engineering Hydrology (3)

GLG 481: Geochemistry (3)

GLG 490: Topics in Geology: Remote Sensing (3)



Major Map: Earth and Environmental Studies-Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Tran	nsfer Pathway: TAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title		Upper	Transfer	Minimum Grade if	
(courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes
GLG 101: Introduction to Physical Geology and	3/1			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score
GLG 103: Introduction to Physical Geology Lab (SQ &G)	3 or			Grade of C	determines placement into first-year composition courses
MAT 117, if necessary, or Second Language	4			Grade of C if MAT	ASU Math Placement Exam score determines
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or	3			Grade of C	placement in Mathematics course All freshmen must pass an academic success
ENG 107 or 108: English for Foreign Students	2				course and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar
Social and Behavioral Science (SB)	3				Must complete GLG 101 and 103 together to
Academic Success Class or First Year Seminar	1				earn SQ designation
TERM TWO: 16-30 CREDIT HOURS CHM/BIO/or PHY from list of approved courses (see note)	4			Grade of C	CHM/BIO/PHY approved courses:
GLG 106: Habitable World; GLG 108: Water Planet 108 or GLG	4				CHM 107: Chemistry & Society & CHM 108:
110/111: Dangerous World (choose one)	4			Grade of C	Lab (SQ & G) OR CHM 113: General Chemistry I (SQ) OR CHM 114: General
MAT 170 Pre-Calculus (3) or MAT 210 Brief Calculus (3) or MAT 251 Calc for Life Sciences(3) (all MA)	3			Grade of C	Chemistry for Engineers (SQ) BIO 100:The Living World (SQ) OR BIO 181:
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3			Grade of C	General Biology I PHY 101: Introduction to Physics (SQ) OR PHY 111:General Physics & PHY 113: Lab
Second language	4			Grade of C if proficiency level	(SQ) OR PHY 121: University Physics I: Mechanics and PHY 122: Lab (SQ)
TERM THREE: 31-45 CREDIT HOURS				pronouncy to ver	Mechanics and Ph 1 122. Lab (SQ)
CHM/BIO/or PHY from list of approved courses (see note)	4			Grade of C	CHM/BIO/PHY approved courses:
Complete one of the following: GLG 106: Habitable World OR					CHM 107: Chemistry & Society & CHM 108: Lab (SQ & G) OR CHM 113: General Chamistry L (SQ) OR CHM 114: County
GLG 108: Water Planet 108 OR GLG 110 and 111: Geologic Disasters and the Environment (SG	4			Grade of C	Chemistry I (SQ) OR CHM 114: General Chemistry for Engineers (SQ) BIO 100:The Living World (SQ) OR BIO 181:
& G)				ContactCif	BIO 100:The Living World (SQ) OR BIO 181: General Biology I
Second language if proficiency not complete, else elective	4			Grade of C if proficiency level	PHY 101: Introduction to Physics (SQ) OR PHY 111:General Physics & PHY 113: Lab
Social and Behavioral Science (SB) and Cultural Diversity Awareness (C) or Historical Awareness (H)	3				(SQ) OR PHY 121: University Physics I:
Humanities (HU)	3				Mechanics and PHY 122: Lab (SQ)
TERM FOUR: 46-60 CREDIT HOURS					
GLG 305: The Dynamic Earth	3			Grade of C	
GLG 327: The Critical Zone	3			Grade of C Grade of C if	
Second language if proficiency not complete, else elective Humanities (HU) and Cultural Diversity	4			proficiency level	
Awareness (C) or Historical Awareness (H)	3				
General Elective	3				
TERM FIVE: 61-75 CREDIT HOURS				1	
GLG 325: Oceanography	3			Grade of C	Must complete second language requirement by end of term 5. For most languages, this is 202 or
Computer/Statistics/Quantitative Applications (CS) Literacy and Critical Inquiry (L)	3				higher. There are some languages, however,
General Elective	3				with a different numbering system. See your advisor for clarification.
Upper Division General Elective	3				au i soi i oi ciai inoution.
TERM SIX: 76-90 CREDIT HOURS					
Earth/Environmental Studies Upper Division Elective (see SES advisor for list)	3	\boxtimes		Grade of C	
Earth/Environmental Studies Upper Division Elective (see SES advisor for list)	3			Grade of C	
Upper Division General Elective	3				
Upper Division Literacy and Critical Inquiry (L)	3	\boxtimes			
General Elective	3				
TERM SEVEN: 91-105 CREDIT HOURS				1	
Earth/Environmental Studies Upper Division Elective (see SES advisor for list)	3			Grade of C	
Earth/Environmental Studies 400-level Elective (see SES advisor for list)	3			Grade of C	
Upper Division General Elective	3	×	-		
Upper Division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3	\boxtimes			



Major Map: Earth and Environmental Studies-Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title		Upper	Transfer	Minimum Grade if	
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Required	Additional Critical Tracking Notes
TERM EIGHT: 106-120 CREDIT HOURS					
Earth/Environmental Studies 400-level Elective (see SES advisor for list)	3			Grade of C	
GLG 464: Solving Environmental Problems	3	\boxtimes		Grade of C	
Upper Division General Elective	3	\boxtimes			
General Elective	3				

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition (56 minimum)	Major GPA (2.000 Min.)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0

 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition



Major Map: Earth & Space Exploration (Astrophysics) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Tran	sfer Pathway: ΓAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM ONE: 0-15 CREDIT HOURS					
SES 100: Introduction to Exploration	3			Grade of C	 An SAT, ACT, Accuplacer, or TOEFL score
SES 101: Earth, Solar System, Universe	3			Grade of C	determines placement into first-year
SES 103: Earth, Solar System, Universe Lab	1			Grade of C	composition courses • ASU Math Placement Exam score determines
MAT 265: Calculus for Engineers I	3			Grade of C	placement in Mathematics course
PHY 121: University Physics I	3			Grade of C	 All freshmen must pass an academic success
PHY 122: University Physics I Lab	1			Grade of C	course and therefore must enroll in an Academic
ENG 101 or 102: First-Year Composition or	1	1		Grade of C	Success Cluster and/or a First Year Seminar
ENG 105: Advanced First-Year Composition or	3			Grade of C	
ENG 107 or 108: English for Foreign Students					
Academic Success Class or First Year Seminar	1				
TERM TWO: 16-30 CREDIT HOURS					
SES 102: Earth, Solar System, Universe II	3			Grade of C	
SES 104: Earth, Solar System, Universe II Lab	1			Grade of C	
MAT 266: Calculus for Engineers II	3			Grade of C	
PHY 131: University Physics II	3			Grade of C	
PHY 132: University Physics II Lab	1			Grade of C	
ENG 101 or 102: First-Year Composition or					
ENG 105: Advanced First-Year Composition or	3			Grade of C	
ENG 107 or 108: English for Foreign Students					
Social & Behavioral Science (SB) and Cultural Diversity (C), Global Awareness (G) or Historical	3				
Awareness (H)	3				
TERM THREE: 31-45 CREDIT HOURS					
MAT 267: Calculus for Engineers III	3			Grade of C	
PHY 241: University Physics III	3			Grade of C	
CSE 100: Principles of Programming C++	3			Grade of C	
Humanities, Fine Arts & Design (HU) and Cultural					
Diversity (C), Global Awareness (G) or Historical	3				
Awareness (H)					
General Elective	3				
TERM FOUR: 46-60 CREDIT HOURS				ı	
MAT 275: Differential Equations	3			Grade of C	
PHY 201: Mathematics Methods in Physics	3			Grade of C	
CLAS Science and Society	3			Grade of C	
Social & Behavioral Science (SB) and Cultural	2				
Diversity (C), Global Awareness (G) or Historical Awareness (H)	3				
Literacy and Critical Inquiry (L)	3				
TERM FIVE: 61-75 CREDIT HOURS					
PHY 314: Quantum Physics I	3	\boxtimes		Grade of C	
AST 321: Introduction to Planetary Stellar Astrophysics	3	\boxtimes		Grade of C	
GLG 400: Colloquium	1			Grade of C	
Humanities, Fine Arts & Design (HU)	3				
Upper Division General Elective	3			Grade of C	
**	3				
TERM SIX: 76-90 CREDIT HOURS	2			0 1 60	
SES Upper Division Elective	3			Grade of C	
AST 322: Introduction to Galactic/Extragalactic Astrophysics	3			Grade of C	
Upper Division CLAS Science and Society	3			Grade of C	
Upper Division Literacy and Critical Inquiry	3				
Upper Division General Elective	3	\boxtimes			
TERM SEVEN: 91-105 CREDIT HOURS					
AST 421: Astrophysics I	3			Grade of C	
SES 410 Senior Exploration Project I	3			Grade of C	
Upper Division Humanities, Fine Arts & Design (HU) or Social Behavioral Science (SB)	3	\boxtimes			
Upper Division General Elective	3	\boxtimes			
General Elective	2				



Major Map: Earth & Space Exploration (Astrophysics) -Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
TERM EIGHT: 106-120 CREDIT HOURS					
SES 411: Senior Exploration Project II	3			Grade of C	
AST 422: Astrophysics II	3			Grade of C	
AST 494: Astrophysics Seminar	1			Grade of C	
Upper Division General Elective	3				
Upper Division General Elective	3				

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition (56 minimum)	Major GPA (2.000 Min.)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0
 - 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - Historical Awareness (H) 0
- First-Year Composition



Major Map: Economics – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Competed Transfer Pathway: Completed General Education: □ MAPP □TAG □ATP □None □AGEC □IGETC/CSUGE □None Upper Division Course Subject and Title Transfer Minimum Grade if Additional Critical Requirement Notes **TERM ONE: 0-15 CREDIT HOURS** An SAT, ACT, Accuplacer, or TOEFL score Course with MAT prefix based on Math Placement Exam score 3 or 4 Grade of C determines placement into first-year ENG 101 or 102: First-Year Composition OR composition courses ENG 105: Advanced First-Year Composition OR ASU Math Placement Exam score determines Grade of C ENG 107 or 108: English for Foreign Students П placement in Mathematics course Humanities, Fine Arts & Design (HU) 3 Academic Success Class or First Year Seminar (required for freshmen only, transfers must still meet 120 total hours) Natural Science Quantitative (SQ) 4 **TERM TWO: 16-30 CREDIT HOURS** MAT 210: Brief Calculus (MA) - 3 OR MAT 270: Calculus with Analytic Geometry I - 4 (MA) 3 or 4 Grade of C ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition Grade of C Historical Awareness (H) 3 Natural Science Quantitative (SQ) or General (SG) 4 Cultural Diversity in the U.S. (C) **TERM THREE: 31-45 CREDIT HOURS** MAT 211: Mathematics for Business Analysis – 3 OR First-Year Composition completed by the end of Grade of C MAT 271: Calculus with Analytic Geometry II - 4 3 or 4 semester 3 Complete one course from: • ECN 211 Macroeconomic Principles (SB) • ECN 212 Microeconomic Principles П Grade of C Humanities, Fine Arts & Design (HU) 3 Literacy & Critical Inquiry (L) 3 General Elective **TERM FOUR: 46-60 CREDIT HOURS** ECN 221: Business Statistics - 3 (CS) OR Grade of C STP 226: Elements of Statistics - 3 (CS) П Complete remaining course from: • ECN 211 Macroeconomic Principles (SB) • ECN 212 Microeconomic Principles Grade of C Upper division Related Field Elective 3 \boxtimes CLAS Science & Society 3 Grade of C Global Awareness (G) 3 **TERM FIVE: 61-75 CREDIT HOURS** ECN 312: Intermediate Microeconomic Theory 3 \boxtimes Grade of C ECN 3** 3 \boxtimes Grade of C Upper division Related Field Elective 3 \boxtimes Grade of C Upper division CLAS Science & Society 3 \boxtimes General Elective 3 **TERM SIX: 76-90 CREDIT HOURS** ECN 313: Intermediate Macroeconomic Theory 3 \boxtimes Grade of C ECN 3** 3 \boxtimes Grade of C ECN 4** 3 \boxtimes General Elective 3 General Elective 3 TERM SEVEN: 91-105 CREDIT HOURS ECN 410: Applied Business Forecasting OR Grade of C ECN 425: Introduction to Econometrics \boxtimes \boxtimes ECN 4** 3 Grade of C \boxtimes Upper division general elective General Elective 1-3 General Elective **TERM EIGHT: 106-120 CREDIT HOURS** 3 \boxtimes Grade of C ECN 475: Capstone in Economics (L) Upper division General Elective 3 \boxtimes Upper division General Elective \boxtimes 3 Upper division General Elective 3 \boxtimes

Upper division General Elective

 \boxtimes



Major Map: Economics – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Cumulative GPA (minimum 2.00)	Major GPA (2.00 Min.)	Hrs Resident Credit for Academic Recognition (56 minimum)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0
 - 0
 - 0 Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition



Major Map : English (Creative Writing) – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Transfer Pathway:		Completed General Education:
Course Subject and Title		Unnar	☐ MAPP ☐	ΓAG □ATP □None Minimum Grade if	□AGEC □IGETC/CSUGE □None
(courses in bold/shading are critical, <u>concentration courses are underlined</u>)	Hrs.	Upper- Division	Course/Grade	Required	Additional Critical Requirement Notes
TERM ONE: 0-15 CREDIT HOURS					
WAC 101 Introduction to Academic Writing OR					An SAT, ACT, Accuplacer, or TOEFL score
ENG 101 or 102 First-Year Composition OR ENG 105 Advanced First-Year Composition OR					determines placement into first-year composition courses
ENG 103 Advanced First-Teal Composition OK ENG 107 or 108 English for Foreign Students	3			Grade of C	ASU Math Placement Exam score determines
MAT 142 College Mathematics (or higher) (MA)	3			Grade of C	placement in Mathematics course
Computer/Statistics/Quantitative Applications (CS)	3				All freshmen are required to pass an academic success class and therefore must enroll in an
Second Language	4				Academic Success Cluster and/or a First-Year
Academic Success Class OR		1			Seminar
First-Year Seminar	1				
TERM TWO: 16-30 CREDIT HOURS WAC 101 Introduction to Academic Writing OR					3.25 average in English courses beyond first-year
ENG 101 or 102 First-Year Composition OR					composition courses required.
ENG 105 Advanced First-Year Composition OR	_	-			
ENG 107 or 108 English for Foreign Students	3			Grade of C	
Social & Behavioral Science (SB)	3				
Natural Science Quantitative (SQ)	4				
Second Language	4				
TERM THREE: 31-45 CREDIT HOURS	1				225
ENG 200 Critical Reading and Writing About Literature (L)	3			Grade of C	3.25 average in English courses beyond first-year composition courses required.
ENG 287 Beginning Creative Writing Workshop in Poetry OR ENG 288 Beginning Creative Writing Workshop in Fiction	3			Grade of C	composition courses required.
Natural Science, Quantitative (SQ) or General (SG)	4] [Grade of C	
Second Language (G if modern language)	4				
TERM FOUR: 46-60 CREDIT HOURS	·				
Take the course you did NOT take in Term 3:					3.25 average in English courses beyond first-year
ENG 287 Beginning Creative Writing Workshop in Poetry OR		_			composition courses required.
ENG 288 Beginning Creative Writing Workshop in Fiction	3			Grade of C	MILECTONE.
ENG 387 Intermediate Creative Writing Workshop in Poetry OR ENG 388 Intermediate Creative Writing Workshop in Fiction	3	\boxtimes		Grade of C	MILESTONE: successful completion of portfolio review
ENG/ENH American Literature Elective (200-level) (HU)	3			Grade of C	1011011
Social & Behavioral Science (SB)	3			Grade of C	
Second Language (4 th -semester CLAS Proficiency)	4				
TERM FIVE: 61-75 CREDIT HOURS					
Take the course you did NOT take in Term 4:					3.25 average in English courses beyond first-year
ENG 387 Intermediate Creative Writing Workshop in Poetry OR	2			0 1 60	composition courses required.
ENG 388 Intermediate Creative Writing Workshop in Fiction	3			Grade of C	1
ENG/ENH American Literature Elective (200 level) (HU)	3			Grade of C	
ENG/ENH Elective	3			Grade of C	
Upper-Division Elective	3				
Elective	3				
TERM SIX: 76-90 CREDIT HOURS ENG 487 Advanced Creative Writing Workshop in Poetry OR					3.25 average in English courses beyond first-year
ENG 488 Advanced Creative Writing Workshop in Fiction	3	\boxtimes		Grade of B	composition courses required.
ENG/ENH Literature Elective (300 level) (L & C)	3	\boxtimes		Grade of C	
ENG/ENH Literature Elective (300 level) (HU)	3	\boxtimes		Grade of C	
Upper-division Elective (that is an Global Awareness [G] if G not	_	1			
already completed)	3				
Elective	3				
TERM SEVEN: 91-105 CREDIT HOURS ENG 490 Literary Forms: Theory and Practice in Poetry OR					3.25 average in English courses beyond first-year
ENG 490 Literary Forms: Theory and Practice in Fiction	3	\boxtimes		Grade of B	composition courses required.
ENG/ENH Literature Elective (400 level)	3	\boxtimes		Grade of C	- -
Upper-Division Elective (that is a Historical Awareness [H] if H not already completed)	3				
Upper-division Elective OR					
ENG 484 Internship OR ENG 492 Honors Directed Study	3	\boxtimes			
Elective	3				
Elective	2				1



Major Map: English (Creative Writing) – Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title (courses in bold/shading are critical, <u>concentration courses</u> are underlined)	Hrs.	Upper- Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM EIGHT: 106-120 CREDIT HOURS					
ENG 498 Pro-Seminar: Fiction OR ENG 498 Pro-Seminar: Poetry	3			Grade of B	3.25 average in English courses beyond first-year composition courses required.
ENG/ENH Literature Elective (400 level)	3	\boxtimes		Grade of C	
Upper-division Elective	3	\boxtimes			
Upper-division Elective OR ENG 493 Honors Thesis	3				
Elective	3				

Graduation Requirements Summary:

Total Hours (120 minimum)	Total UD Hours (minimum 45)	Cumulative GPA (2.00 minimum)	Total Hrs at ASU (minimum 30)	Resident Credit for Academic Recognition (minimum 56)	Total Comm. College Hrs. (maximum 64)	Major GPA (3.25 minimum)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

BA English with Concentration in Creative Writing (45 hours), 2010-11 Catalog

Required Courses

ENG 200 Critical Reading and Writing about Literature

ENG 287 Beginning Creative Writing Workshop in Poetry

ENG 288 Beginning Creative Writing Workshop in Fiction

ENG 387 Intermediate Creative Writing Workshop in Poetry

ENG 388 Intermediate Creative Writing Workshop in Fiction

ENG 487 Advanced Creative Writing Workshop in Poetry or 488 Advanced Creative Writing Workshop in Fiction (with grade of "B" or above)

ENG 490 Literary Forms: Theory and Practice in Poetry or 491 Literary Forms: Theory and Practice in Fiction (with grade of "B" or above)

ENG 498 Pro-Seminar: Fiction or Poetry (each genre taught in alternative semesters) (prereq: ENG 487 or 488) (with grade of "B" or above)

Literature

Two courses in American literature at the 200 level and above.

Two courses in any area of literary study at the 300 level and above.

Two courses in any area of literary study at the 400 level and above.

Elective

One elective course, chosen from the department's offerings at the 200 level or above, is needed to complete the 45 hours. An Internship (ENG 484) or ENG 385 Career Development for English Majors is highly encouraged.

Among the total of 45 hours in the major:

- One 300- or 400-level course must carry the General Studies "L."
- At least 12 upper-division credit hours must be taken at the Tempe campus, including the ENG 487/488 writing workshop in the student's chosen genre.
- All courses in the major must earn a grade of C (2.00) or higher.
- A 3.25 GPA in the major is required for graduation.



Major Map : English (Linguistics) – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None		Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title		Upper	Transfer	Minimum Grade if	
(courses in bold/shading are critical, <u>concentration courses are underlined</u>)	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes
TERM ONE: 0-15 CREDIT HOURS WAC 101 Introduction to Academic Writing OR ENG 101 or 102 First-Year Composition OR ENG 105 Advanced First-Year Composition OR					An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses
ENG 107 or 108 English for Foreign Students	3			Grade of C	ASU Math Placement Exam score determines placement in Mathematics course
Modern Second Language	3				All freshmen are required to pass an academic
Social/Behavioral Science (SB) MAT 142 College Mathematics (or higher) (MA)	3			Grade of C	success class and therefore must enroll in an Academic Success Cluster and/or a First Year
Academic Success Class OR First-Year Seminar	1			Grade of C	Seminar
TERM TWO: 16-30 CREDIT HOURS	1				
WAC 101 Introduction to Academic Writing OR ENG 101 or 102 First-Year Composition OR ENG 105 Advanced First-Year Composition OR ENG 107 or 108 English for Foreign Students	3			Grade of C	2.0 in English courses beyond first-year composition courses required.
Modern Second Language	4				
Social & Behavioral Science (SB)	3				
Natural Science Quantitative (SQ)	4				
Computer/Statistics/Quantitative Applications (CS)	3				
TERM THREE: 31-45 CREDIT HOURS				ı	
ENG 200 Critical Reading and Writing About Literature (L) ENG 213 Introduction to the Study of Language OR one of the following:	3			Grade of C	2.0 in English courses beyond first-year composition courses required.
ENG 221 Survey of English Literature (HU) OR ENG 222 Survey of English Literature (HU,H) OR ENG 241 Literatures of the United States to 1860 (HU) OR					
ENG 242 Literatures of the United States, 1860 to Present (HU)	3			Grade of C	
Modern Second Language (G)	4				
Elective	3				
Natural Science Quantitative (SQ) or General (SG) TERM FOUR: 46-60 CREDIT HOURS	4				
Take whichever you did not take in term 3: ENG 213 Introduction to the Study of Language OR one of the following: ENG 221 Survey of English Literature (HU) OR ENG 222 Survey of English Literature (HU,H) OR ENG 241 Literatures of the United States to 1860 (HU) OR					2.0 in English courses beyond first-year composition courses required.
ENG 242 Literatures of the United States, 1860 to Present (HU)	3			Grade of C	
ENG 312 English in Its Social Setting (L) OR ENG 314 Modern Grammar	3	⊠		Grade of C	
Modern Second Language (4 th -semester CLAS Proficiency)	4			Grade of C	
Elective	3				
Elective	3				
TERM FIVE: 61-75 CREDIT HOURS Take the course you did not take in term 4.					2.0 in English courses beyond first-year composition
ENG 312 English in Its Social Setting (L) OR ENG 314 Modern Grammar	3	\boxtimes		Grade of C	courses required.
Upper-division ENG/ENH Elective (HU & C)	3	\boxtimes		Grade of C	
Modern Language 300 level	3	\boxtimes			
ENG 413 History of English Language (HU)	3	\boxtimes		Grade of C	
Elective	3				
TERM SIX: 76-90 CREDIT HOURS				ı	
ENG 313 Phonology and Morphology	3	\boxtimes		Grade of C	2.0 in English courses beyond first-year composition courses required.
ENG 414 Studies in Linguistics Upper-division ENG/ENH Elective	3			Grade of C	4
(recommended: ENG 385 Career Development for English Majors)	3	\boxtimes		Grade of C	
Modern Language 300 level	3	\boxtimes			
Elective (2 units—or two 1-unit Electives)	2				
TERM SEVEN: 91-105 CREDIT HOURS					
ENG 414 Studies in Linguistics	3	\boxtimes		Grade of C	2.0 in English courses beyond first-year composition courses required.
Modern Language 400 Level	3	\boxtimes		Grade of C	courses required.
Upper-division Elective OR ENG 484 Internship OR ENG 492 Honors Directed Study	3				
Elective	3				
Elective	3				



Major Map: English (Linguistics) – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title		Upper	Transfer	Minimum Grade if	
(courses in bold/shading are critical, concentration courses are underlined)	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes
TERM EIGHT: 106-120 CREDIT HOURS					
ENG 414 Studies in Linguistics	3	\boxtimes			2.0 in English courses beyond first-year composition
Upper-division ENG/ENH Elective OR					courses required.
ENG 493 Honors Thesis	3	\boxtimes			
Upper-division Elective (that is an Historical Awareness [H] if H not					
already completed)	3	\boxtimes			
Elective	3				

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

BA in English with Concentration in Linguistics (42 hours), 2010-11 Catalog

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Twelve additional hours are electives chosen in consultation with the student's advisor. These courses must be at the 200 level and above, and up to 2 non-ENG courses closely related to English may be used with prior advisor approval. At least one must be a 3-credit course in a modern language other than English at the 400 level or above. Internships (ENG 484) and/or ENG 385 Career Development for English Majors are highly encouraged.

ENG/ENH	
ENG/ENH	
ENG/ENH	
(4	00-level modern language course)

Among the total of 42 hours in the major:

- At least 18 hours must be upper division (300 or 400 level), with at least 12 of these hours taken at ASU (any campus).
- One 300- or 400-level course must carry the General Studies "L."
- All courses in the major must earn a grade of C (2.00) or higher.



Major Map : English (Literature) – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None		Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title		Upper	Transfer	Minimum Grade if		
(courses in bold/shading are critical, <u>concentration courses are underlined</u>)	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes	
TERM ONE: 0-15 CREDIT HOURS WAC 101 Introduction to Academic Writing OR					An SAT, ACT, Accuplacer, or TOEFL score	
ENG 101 or 102 First-Year Composition OR					determines placement into first-year	
ENG 105 Advanced First-Year Composition OR					composition courses	
ENG 107 or 108 English for Foreign Students	3			Grade of C	ASÚ Math Placement Exam score determines placement in Mathematics course All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First-Year	
MAT 142 College Mathematics (or higher) (MA)	3			Grade of C		
Second Language Social & Behavioral Science (SB)	4					
Academic Success Class OR	3				Academic Success Cluster and/or a First-Year Seminar	
First-Year Seminar	1				Stimu	
TERM TWO: 16-30 CREDIT HOURS						
WAC 101 Introduction to Academic Writing OR					2.0 in English courses beyond first-year	
ENG 101 or 102 First-Year Composition OR ENG 105 Advanced First-Year Composition OR					composition courses required.	
ENG 107 or 108 English for Foreign Students	3			Grade of C		
Second Language	4					
Natural Science Quantitative (SQ)	4					
Computer/Statistics/Quantitative Applications (CS)	3					
TERM THREE: 31-45 CREDIT HOURS			1			
ENG 200 Critical Reading and Writing About Literature (L)	3			Grade of C	2.0 in English courses beyond first-year composition courses required.	
ENG/ENH 200-level Literature Course (HU)	3			Grade of C	composition courses required.	
Social & Behavioral Science (SB)	3					
Second Language (G if modern language)	4					
Natural Science Quantitative (SQ) or General (SG)	4					
TERM FOUR: 46-60 CREDIT HOURS					2.0 in English courses beyond first-year	
ENG/ENH Course (HU)	3			Grade of C	composition courses required.	
ENG/ENH Course	3			Grade of C	***************************************	
ENG/ENH Course Second Language (4 th -semester CLAS Proficiency)	3			Grade of C		
Elective (that is an Historical Awareness [H] if H not already	4			Grade of C		
completed)	3					
TERM FIVE: 61-75 CREDIT HOURS				_		
Upper-division ENG/ENH Course (L & C)	3	\boxtimes		Grade of C	2.0 in English courses beyond first-year composition courses required.	
Upper-division ENG/ENH Course (HU)	3			Grade of C	composition courses required.	
Upper-division ENG/ENH Course	3			Grade of C		
Elective	3					
Elective	3					
TERM SIX: 76-90 CREDIT HOURS	1				20 in Facility and a fact and	
Upper-division ENG/ENH Course	3			Grade of C	2.0 in English courses beyond first-year composition courses required.	
Upper-division ENG/ENH Course Upper-division ENG/ENH Course (recommended: ENG 385 Career	3			Grade of C	***************************************	
Development for English Majors)	3			Grade of C		
Elective	3					
Elective	3					
TERM SEVEN: 91-105 CREDIT HOURS						
Upper-division ENG/ENH Course	3	\boxtimes		Grade of C	2.0 in English courses beyond first-year	
Upper-division ENG/ENH Course OR					composition courses required.	
ENG 484 Internship OR ENG 492 Honors Directed Study	3	\boxtimes		Grade of C		
Upper-division Elective	3	\boxtimes		Grade of C		
Upper-division Elective	3	⊠				
Elective (2 units—or two 1-unit Electives)	2					
TERM EIGHT: 106-120 CREDIT HOURS						
Upper-division ENG/ENH Course	3	\boxtimes		Grade of C	2.0 in English courses beyond first-year	
Upper-division ENG/ENH Course OR					composition courses required.	
ENG 493 Honors Thesis	3	\boxtimes		Grade of C		
Upper-division Elective (that is a Global Awareness [G] if G not already completed)	3	\boxtimes				
Upper-division Elective	3	⊠				
Upper-division Elective	3				1	



Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

BA English with Concentration in Literature (45 hours), 2010-11 Catalog

REQUIRED

ENG 200 Critical Reading and Writing About Literature (*L/HU*)

AREAS AND PERIODS

At least two courses must be at the 400 level. Students may, once only, use a course to satisfy two requirements. See advisor (or English major Blackboard) for each semester's list of Areas/Periods courses.

ENG/ENH	Literature and Culture before 1800
ENG/ENH _	Literature and Culture after 1800
ENG/ENH	Literary Theory and Interdisciplinary Studies
ENG/ENH	Transnational, Postcolonial, and Global Literatures

ELECTIVES

The 10 to 11 additional courses needed to complete the 45 hours are electives chosen from English offerings at the 200 level or above. Up to 2 non-ENG courses closely related to English may be used with prior advisor approval. Internships (ENG 484) and/or ENG 385 Career Development for English Majors are highly encouraged.

NOTES

- At least 18 hours must be upper division (300 or 400 level), with at least 12 of these hours taken at ASU (any campus).
- One 300- or 400-level course must carry the General Studies "L."
- Up to 4 Writing Certificate courses can be used in both the major and the certificate.
- PREPARING FOR GRADUATE SCHOOL: Take as many 400-level ENG courses as possible.
- All courses in the major must earn a grade of C (2.00) or higher.



Major Map : Family & Human Development - Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Tran	sfer Pathway: ΓAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
TERM ONE: 0-15 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			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses
MAT 142: College Mathematics or higher (MA)	3			Grade of C	ASU Math Placement Exam score determines
Humanities/Fine Arts (HU)	3				placement in Mathematics course
Natural Science-Quantitative or General (SQ/SG)	4				Complete all critical courses by the end of semester 4
Academic Success Class or First Year Seminar	1				All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First-Year
					Seminar
TERM TWO: 16-30 CREDIT HOURS					3 ***********
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	
CDE 232: Human Development (SB)	3			Grade of C	
FAS 101 Growth in Personal Relationships (formerly FAS 330)	3			Grade of C	
Natural Science-Quantitative (SQ)	4				
Elective or Learning Community	3				
TERM THREE: 31-45 CREDIT HOURS					
FAS 331: Marriage and Family Relationships (SB)	3	\boxtimes		Grade of C	Complete First-Year Composition requirement:
Computer/Statistics/Quantitative (CS):	3	\boxtimes			ENG 101 & 102 OR ENG 107 & 108 or 105
Elective	3				
Elective	3	\boxtimes			
Elective	3				
TERM FOUR: 46-60 CREDIT HOURS	,				
FAS 370: Family Ethnic & Cultural Diversity (SB, C) OR FAS 294 Gender and Society	3	\boxtimes		Grade of C	Complete Mathematical Studies (MA)
FAS/CDE Upper Division Elective	3	⊠		Grade of C	
Humanities/Fine Arts (HU) with G awareness				Grade of C	
(recommend REL 100: Religions of the World)	3				
Historical Awareness Area (H)	3				
Elective	3				
TERM FIVE: 61-75 CREDIT HOURS					
FAS 361 Research Methods (L or SB)	3			Grade of C	
Upper Division PGS or SOC Course	3				
Science and Society	3			Grade of C	
Elective	3				
Elective	3				
TERM SIX: 76-90 CREDIT HOURS	2			Grade of C	
FAS/CDE Restricted Upper Division Elective	3			Grade of C	
Upper Division Elective				Grade of C	
Elective (LIA 394: Career Management - CLAS Majors)	3				
Science and Society	3			Grade of C	
Elective	3				
TERM SEVEN: 91-105 CREDIT HOURS	2	5 7		Grade of C	
FAS/CDE Upper Division Elective	3			Grade of C	
Upper Division Elective	3			Grade of C	
Elective	3				
Elective	3				
Elective	3				
TERM EIGHT: 106-120 CREDIT HOURS					
FAS/CDE Upper Division Elective	3	⊠		Grade of C	
Upper Division Elective	3	\boxtimes			
Elective	3				
Elective	3				
Elective	3				



Major Map: Family & Human Development

- Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours (120 minimum)	Total UD Hours (minimum 45)	Cumulative GPA (2.00 minimum)	Total Hrs at ASU (minimum 30)	Resident Credit for Academic Recognition (minimum 56)	Total Comm. College Hrs. (maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0
 - 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
- - Cultural Diversity in the US (C)
 - Global Awareness (G)
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:

There is room in this roadmap to add a concurrent degree, a minor or a certificate.



Major Map: Film (Film & Media Studies) – Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

			Competed Transfer Pathway: □ MAPP □TAG □ATP □None		Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title		Upper	Transfer	Minimum Grade if		
(courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS	Hrs.	Division	Course/Grade	Required	Additional Critical Tracking Notes	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses	
MAT 142: College Mathematics (MA)	3			Grade of C	ASU Math Placement Exam score determines	
FMS 100: Introduction to Film (HU)				Grade of C	placement in Mathematics course Complete Mathematical Studies (MA) by semester 4	
Second Language	4				 Complete Mathematical Studies (MA) by semester 4. Complete all critical courses by the end of semester 4 	
Academic Success Class or First Year Seminar					2.50 cumulative GPA recommended in critical courses All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar	
TERM TWO: 16-30 CREDIT HOURS			1	1		
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	2.50 cumulative GPA recommended in critical courses	
FMS 200: Film History (HU or L, H)	3			Grade of C		
Second Language (G if modern)	4]	
Natural Science-Quantitative (SQ)	4					
TERM THREE: 31-45 CREDIT HOURS						
Complete one of the following courses: FMS 110: Introduction to New Media (L or HU) OR FMS 270: Race and Gender in American Film (HU,C) OR THP 261: Introduction to Screenwriting	3			Grade of C	2.50 cumulative GPA recommended in critical courses Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107 & 108 or 105 Complete Mathematical Studies (MA)	
FMP 201: Film: The Creative Process I (HU)	3			Grade of C		
Continue 2 nd Language if necessary, or Elective	4			Grade of C		
Social & Behavioral Science (SB)	3					
Social & Behavioral Science (SB)	3					
TERM FOUR: 46-60 CREDIT HOURS			'	_		
Complete remaining two courses not already taken: FMS 110: Introduction to New Media (L, HU) OR FMS 270: Race and Gender in American Film (HU,C) OR				Grade of C	2.50 cumulative GPA recommended in critical courses	
THP 261: Introduction to Screenwriting	3			Grade of C		
FMS 300: Television and Cultural Studies (L or HU)	3			Grade of C		
Continue 2 nd Language if necessary, or Elective	4			Grade of C		
Computer/Statistics/Quantitative applications (CS)	3					
TERM FIVE: 61-75 CREDIT HOURS						
Upper Division FMS Area of Emphasis	3	\boxtimes		Grade of C	Complete second language requirement	
Upper Division Elective	3	⊠				
Natural Science-Quantitative or General (SQ/SG)	4					
Upper Division FMS Area of Emphasis	3	⊠		Grade of C		
Elective	2					
TERM SIX: 76-90 CREDIT HOURS						
Upper Division FMS Area of Emphasis (HU)	3			Grade of C	-	
Upper Division FMS Area of Emphasis	3			Grade of C	-	
Upper Division FMS Area of Emphasis	3			Grade of C	-	
Upper Division Elective	3				-	
Upper Division Elective	3	\boxtimes				
TERM SEVEN: 91-105 CREDIT HOURS	2	M		Condo of C		
FMS 490: Capstone Seminar (HU)	3			Grade of C	-	
Upper Division FMS Area of Emphasis Upper Division Elective	3			Grade of C	1	
**					1	
Upper Division Elective Elective (G, if not already completed)	3				1	
TERM EIGHT: 106-120 CREDIT HOURS	ر					
Elective	3					
Upper Division FMS Area of Emphasis	3	\boxtimes		Grade of C	1	
Upper Division Elective	3			51440 01 0	1	
Elective	3				1	
Elective	3				1	



Major Map: Film (Film & Media Studies) -

Bachelor of Arts (B.A.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Online and On Campus students may substitute THP 261 (Introduction to Screenwriting) with the online course FMS 209 (Screenwriting Fundamentals).

Film & Media Studies ONLINE upper division classes*

Media & Society Courses Offered Via Distance Learning:

FMS 313 Anti-Semitism in the Media

FMS 394 American Jews in U.S. Media and Policy

FMS 345 Asian Pacific Americans in Film

FMS 370 Signs of Aliens: Semiotics of Film & Pop

FMS 376 Virgin Mary in History, Film and Culture

FMS 377 Baseball, Film, and American Studies

FMS 468 Crime and Violence in American Film

FMS 470 Race, Sex and Identity Online

FMS 471 Latina/os in Hollywood

Styles & Genres Courses Offered Via Distance Learning:

FMS 351 Emerging Digital Media (L)

FMS 370 Signs of Aliens: Semiotics of Film & Popular Culture

FMS 394 American Directors & Genres

FMS 377 Baseball Film

FMS/REL 486 Holocaust on Film

Screenwriting Courses Offered Via Distance Learning:

FMS 309 Intermediate Screenwriting

FMS 409 Advanced Screenwriting

FMS 494Screenwriting Workshop (may be repeated for credit if topics differ)

Media Industries Courses Offered Via Distance Learning:

FMS 300 Television and Cultural Studies (HU, L)

FMS 394 American Jews in U.S. Media and Policy

FMS 302 U.S. Media Now

FMS 351 Emerging Digital Media

FMS 440 Los Angeles Movies and Culture

There is room in this Major Map to add a concurrent degree, a minor or a certificate.

^{*} A comprehensive list of Film and Media Studies online courses and the semesters in which they will be offered can be found on our website (film.asu.edu/major).



Major Map: French – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Tran	nsfer Pathway: ΓAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None		
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes		
TERM ONE: 0-15 CREDIT HOURS	1113.	Division	Course, Grade	William Grade ii Required	Additional Critical requirement votes		
FRE 111: Fundamentals of French (or higher level FRE course	4			Grade of C	An SAT, ACT, Accuplacer, or TOEFL s		
depending on placement)					determines placement into first-year		
ENG 101 and 102: First-Year Composition OR	3			Grade of C	composition courses. • ASU Math Placement Exam score		
ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students					determines placement in Mathematics course		
MAT 142: College Mathematics or higher (MA)	3		+	Grade of C	FRE 111: Fundamentals of French is		
Social and Behavioral Sciences (SB)	3			Grade of C	equivalent to FRE 101: Elementary French		
Academic Success Class or First Year Seminar	1				and FRE 102: Elementary French.		
					Minimum 2.33 GPA required in all critical courses. All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/o		
TERM TWO: 16-30 CREDIT HOURS					a First Year Seminar.		
FRE 201: Intermediate French I (or higher) (G)	4			Grade of C	Minimum 2.33 GPA required in all critical		
ENG 101 and 102: First-Year Composition OR	3			Grade of C	courses.		
ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students							
Computer/Statistics/Quantitative applications (CS)	3						
Social and Behavioral Sciences (SB)	3				-		
Elective TEPM THEFE: 21.45 CREDIT HOURS	3						
TERM THREE: 31-45 CREDIT HOURS FRE 202: Intermediate French II (or higher)	4			Grade of C	Minimum 2.33 GPA required in all critical		
Complete one course from:	3			Grade of C	courses.		
SLC 201: Introduction to Linguistics (HU or SB) OR	,			Grade of C	Complete First-Year Composition		
SLC 202: Introduction to Literacy and Cultural Theory					requirement: ENG 101 & 102 OR ENG 107		
Natural Science-Quantitative (SQ)	4				& 108 or 105		
Awareness Area - Cultural (C)	3				Completed Mathematical Studies (MA).		
TERM FOUR: 46-60 CREDIT HOURS							
FRE 205: Readings in French Literature (G)	3			Grade of C	Minimum 2.33 GPA required in all critical		
FRE 311: French Conversation	3			Grade of C	courses.		
FRE 312: French Composition Complete remaining course from:	3		+	Grade of C Grade of C	-		
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literacy and Cultural Theory	3			Grade of C			
Natural Science-Quantitative or General (SQ/SG)	4						
TERM FIVE: 61-75 CREDIT HOURS							
FRE 321: French Literature (L or HU)	3			Grade of C	Minimum grade of "C" in all FRE, SLC and		
FRE 3** or 4**	3			Grade of C	French Related Fields courses.		
FRE Related Field Course	3			Grade of C	Enroll in "IPO" Study Abroad Program credits or listed courses.		
Elective	3				credits of fisted courses.		
Elective TERM SIX: 76-90 CREDIT HOURS	3	Ш					
FRE 322: French Literature (L or HU, H)	3			Grade of C	Minimum grade of "C" in all FRE, SLC and		
FRE 3** or 4**	3		+	Grade of C	French Related Fields courses.		
FRE Related Field	3		1	Grade of C	Enroll in "IPO" Study Abroad Program		
Elective	3				credits or listed courses.		
Elective	3						
TERM SEVEN: 91-105 CREDIT HOURS FRE 4**(Select a course that also fulfills the Humanities/Fine	3			Grade of C	Minimum grade of "C" in all FRE, SLC and		
Arts/Design (HU) requirement)		K-3		0 1 60	French Related Fields courses. Furnal in "IPO" Study Abroad Program		
FRE 4** Upper Division Elective	3			Grade of C	Enroll in "IPO" Study Abroad Program credits or listed courses.		
ODDEL DIVISION ENECTIVE	3		+				
	3		+				
Upper Division Elective							
Upper Division Elective Elective					Minimum grade of "C" in all FRE, SLC and French Related Fields courses.		
Upper Division Elective Elective TERM EIGHT: 106-120 CREDIT HOURS FRE 4** (Select a course that also fulfills the Humanities/Fine	3			Grade of C	Minimum grade of "C" in all FRE, SLC and French Related Fields courses.		
Upper Division Elective Elective TERM EIGHT: 106-120 CREDIT HOURS FRE 4** (Select a course that also fulfills the Humanities/Fine Arts/Design (HU) requirement)					French Related Fields courses. • Enroll in "IPO" Study Abroad Program		
Upper Division Elective Elective TERM EIGHT: 106-120 CREDIT HOURS FRE 4** (Select a course that also fulfills the Humanities/Fine Arts/Design (HU) requirement) FRE 4**	3			Grade of C	French Related Fields courses.		
Upper Division Elective Elective TERM EIGHT: 106-120 CREDIT HOURS FRE 4** (Select a course that also fulfills the Humanities/Fine Arts/Design (HU) requirement)					French Related Fields courses. • Enroll in "IPO" Study Abroad Program		



Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Minimum grade of "C" in all FRE, SLC and French Related Fields courses. For information regarding related field courses go to: http://silc.asu.edu/undergraduate/majors-minors-certs.

French is a flexible liberal arts major. Students must bear in mind that credits toward the major and minor can only be accumulated after completion of intermediate French. FRE 101, 102, 111, 201 or 202 are not major requirements, but demonstrated proficiency at or above the 202 level is required for enrollment in upper-division major requirement courses (note: FRE 205: Readings in French Literature is a degree requirement and will be used toward major requirements). Students are strongly encouraged to contact an academic advisor regarding clarifications on course applicability.



Major Map: Geography – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Tran	nsfer Pathway: TAG	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
TERM ONE: 0-15 CREDIT HOURS					
Humanities, Fine Arts, and Design (HU, H)	3				An SAT, ACT, Accuplacer, or TOEFL score
ENG 101 and 102: First-Year Composition OR					determines placement into first-year composition courses
ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students	3			Grade of C	ASÚ Math Placement Exam score determines
Second Language	4 or 5			Grade of C in 202	placement in Mathematics course. All freshmen are required to pass an academic
MAT 142 College Mathematics (MA)	3			Grade of C	success class and therefore must enroll in an
And downing Common Classes of First Very Commission	1]			Academic Success Cluster and/or a First Year
Academic Success Class or First Year Seminar TERM TWO: 16-30 CREDIT HOURS	1				Seminar
Complete one course from:					Complete MA by the end of term 3
GCU 102: Introduction to Human Geography – 3 (SB, G)					
GCU 121: World Geography – 4 (SB, G) GPH 111: Introduction to Physical Geography – 4 (SQ)	3 or 4			Grade of C	
ENG 101 and 102: First-Year Composition OR	3 01 4			Grade of C	
ENG 105: Advanced First-Year Composition OR	_				
ENG 107 and 108: English for Foreign Students General Elective-Humanities, Fine Arts, and Design (HU) and	3			Grade of C	
Cultural Diversity in the U.S. (C)	3				
Second Language	4 or 5			Grade of C in 202	
General Elective	3				
TERM THREE: 31-45 CREDIT HOURS					
Complete one additional course from:					Complete MAT 142 by the end of term 3 as a
GCU 102: Introduction to Human Geography – 3 (SB, G) GCU 121: World Geography – 4 (SB, G)					critical requirement. Complete First-Year Composition by the end of term 3
GPH 111: Introduction to Physical Geography – 4 (SQ)	3 or 4			Grade of C	composition by the characterists
Literacy and Critical Inquiry	3				
Second Language	4 or 5			Grade of C in 202	
General Elective- Humanities, Fine Arts, and Design (HU) or Social	2				
and Behavioral Sciences (SB) General Elective	3				
TERM FOUR: 46-60 CREDIT HOURS	1				
GCU Regional Course #1 (list in DARS)	3	\boxtimes		Grade of C	
Natural Science - General (SG) or Quantitative (SQ)	4] [Grade of C	
Complete one course from:]		Grade of C	
GCU 102: Introduction to Human Geography – 3 (SB, G)					
GCU 121: World Geography – 4 (SB, G) GPH 111: Introduction to Physical Geography – 4 (SQ)	3 or 4				
Second Language:	4 or 5			Grade of C in 202	
TERM FIVE: 61-75 CREDIT HOURS					
Upper Division GCU/GPH/PUP Elective	3	\boxtimes		Grade of C	
Topical Course #1 (See list in DARS)	3	\boxtimes		Grade of C	
General Elective	3				
Upper Division Elective	3	\boxtimes			
General Elective	3				
TERM SIX: 76-90 CREDIT HOURS			1	•	
Regional Course #2 (See list in DARS)	3	\boxtimes		Grade of C	
GPH 370 Geographic Information Technologies (CS)	3	\boxtimes		Grade of C	
Upper Division GCU/GPH/PUP Elective	3			Grade of C	
Upper Division Elective	3				
General Elective	0-3				
TERM SEVEN: 91-105 CREDIT HOURS	2			0 1 60	
Topical Course #2 (See list in DARS)	3			Grade of C	
Skill Course (See list in DARS) Lipper Division CCLI/CPH /PLIP Floative	3			Grade of C	
Upper Division GCU/GPH./PUP Elective Upper Division Elective	3			Grade of C	1
Computer, Statistics, Quantitative (CS)	3			Grade of C	
TERM EIGHT: 106-120 CREDIT HOURS	3			Grade or C	
GCU 496: Geographic Research Methods (L)	3	\boxtimes		Grade of C	
Upper Division GCU/GPH/PUP Elective:	3			Grade of C	
Upper Division Elective Upper Division Elective	3	⊠		Grade of C	
Upper Division Elective	3			1	1
Upper Division Elective	3				



Major Map: Geography – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours (120 minimum)	Total UD Hours (minimum 45)	Cumulative GPA (2.00 minimum)	Total Hrs at ASU (minimum 30)	Resident Credit for Academic Recognition (minimum 56)	Total Comm. College Hrs. (maximum 64)

General University Requirements: Legend

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative applications (CS)
- Humanities, Fine Arts, and Design (HU)
- Social and Behavioral Sciences (SB)
- Natural Science-Quantitative (SQ)

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
- Historical Awareness (H)
- First-Year Composition

Additional Notes:

There is room in this major map to add a concurrent degree, a minor or a certificate.



Major Map: Geography – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Trai	nsfer Pathway: TAG	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
TERM ONE: 0-15 CREDIT HOURS	1115.	Division	Course/Grade	Кецинец	Additional Critical Fracking Notes
General Elective	3				An SAT, ACT, Accuplacer, or TOEFL score
ENG 101 and 102: First-Year Composition OR					determines placement into first-year composition
ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students	3			Crado of C	courses ASU Math Placement Exam score determines
Humanities, Fine Arts, and Design (HU) with Historical Awareness	,			Grade of C	placement in Mathematics course
(H)	3				All freshmen are required to pass an academic success class and therefore must enroll in an
MAT 119 Finite Mathematics (MA)	3			Grade of C	Academic Success Cluster and/or a First Year
Academic Success Class or First Year Seminar	1				Seminar
TERM TWO: 16-30 CREDIT HOURS					
Complete one course from: GCU 102: Introduction to Human Geography – 3 (SB, G)					
GCU 121: World Geography – 4 (SB, G)	3 or				
GPH 111: Introduction to Physical Geography – 4 (SQ)	4			Grade of C	
ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR					
ENG 107 and 108: English for Foreign Students	3			Grade of C	
Humanities, Fine Arts, and Design (HU) with Cultural Diversity in	2				
U.S. Awareness (C) General Elective	3				
General Elective	3				
TERM THREE: 31-45 CREDIT HOURS	3				
Complete one course from:					MAT 119 must be completed by the end of term
GCU 102: Introduction to Human Geography – 3 (SB, G)					3
GCU 121: World Geography – 4 (SB, G) GPH 111: Introduction to Physical Geography – 4 (SQ)	3 or 4			Grade of C	
Science and Society	3			Grade of C	
Literacy and Critical Inquiry (L)	3			Grade of C	
General Elective	3				
General Elective	3				
TERM FOUR: 46-60 CREDIT HOURS					
GPH 370: Geographic Information Technologies (CS)	3	\boxtimes		Grade of C	
Complete remaining course from:					
GCU 102: Introduction to Human Geography – 3 (SB, G) GCU 121: World Geography – 4 (SB, G)	3 or				
GPH 111: Introduction to Physical Geography – 4 (SQ)	4			Grade of C	
Natural Science Quantitative (SQ) or Natural Science General (SG)	4				
Elective	3				
Elective	2				
TERM FIVE: 61-75 CREDIT HOURS					
Upper Division GCU/GPH./PUP Elective	3			Grade of C	
Technique Course #1 (See list in DARS)	3	\square		Grade of C	
Upper Division Science and Society	3	⊠		Grade of C	
General Elective	3				
General Elective	3				
TERM SIX: 76-90 CREDIT HOURS					
Topical Course #1 (See list in DARS)	3			Grade of C	
Upper Division GCU/GPH./PUP Elective	3	⊠ M		Grade of C	
Upper Division General Elective Upper Division General Elective	3				
11	3				
General Elective TERM SEVEN: 91-105 CREDIT HOURS	3				
GCU 495: Quantitative Methods in Geography (CS)	3	\boxtimes		Grade of C	
Technique Course #2 (See list in DARS)	3	⊠		Grade of C	
Upper Division GCU Course must be (SB)	3	⊠		Grade of C	
Upper Division General Elective	3	⊠			1
General Elective	3				
TERM EIGHT: 106-120 CREDIT HOURS					
GCU 496: Geographic Research Methods (L)	3	\boxtimes		Grade of C	
Upper Division GCU/GPH/PUP Elective	3			Grade of C	
Topical Course #2 (See list in DARS)	3			Grade of C	
General Elective	3				
General Elective	3	П			



Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

There is room in this major map to add a concurrent degree, a minor or a certificate.



Major Map: Geography (Meteorology-Climatology) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Tran	sfer Pathway: ΓAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title		Upper	Transfer	Minimum Grade if	
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Required	Additional Critical Tracking Notes
TERM ONE: 0-15 CREDIT HOURS ENG 101 and 102: First-Year Composition OR					An SAT, ACT, Accuplacer, or TOEFL score
ENG 105: Advanced First-Year Composition OR	3			Grade of C	determines placement into first-year composition
ENG 107 and 108: English for Foreign Students					courses
Humanities, Fine Arts, and Design (HU) with Historical Awareness (H)	3				ASU Math Placement Exam score determines placement in Mathematics course
MAT 170: Precalculus (MA) (if necessary) or elective	3			Grade of C in MAT 170	All freshmen are required to pass an academic success class and therefore must enroll in an
General Elective	3				Academic Success Cluster and/or a First Year
Academic Success Class or First Year Seminar	1				Seminar
TERM TWO: 16-30 CREDIT HOURS					
MAT 270: Calculus with Analytic Geometry I (MA)	4			Grade of C	
GPH 111: Introduction to Physical Geography (SQ)	4			Grade of C	
ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students	3			Grade of C	
Humanities, Fine Arts, and Design (HU) with Cultural Diversity in U.S. Awareness (C)	3				
General Elective	3				
TERM THREE: 31-45 CREDIT HOURS					
MAT 271: Calculus with Analytic Geometry II (MA)	4			Grade of C	Complete First-Year Composition requirement:
PHY 121/122: University Physics I/Laboratory (SQ)	3/1			Grade of C	ENG 101 & 102 OR ENG 107 & 108 or 105
Literacy and Critical Inquiry (L)	3				
General Elective	4				
TERM FOUR: 46-60 CREDIT HOURS					
MAT 272: Calculus with Analytic Geometry III (MA)	4			Grade of C	
PHY 131/132: University Physics II/Laboratory (SQ)	3/1			Grade of C	
CLAS Science and Society	3			Grade of C	
Natural Science Quantitative (SQ) or General (SG) Recommended: GPH 213/215: Introduct	4				
TERM FIVE: 61-75 CREDIT HOURS					
GCU 102: Introduction to Human Geography (SB, G)	3			Grade of C	
GPH 409: Synoptic Meteorology I	4	\boxtimes		Grade of C	
GPH 370 Geographic Information Technologies (CS)	3	\boxtimes		Grade of C	
General Elective	3				
Upper Division CLAS Science and Society	3	\boxtimes		Grade of C	
TERM SIX: 76-90 CREDIT HOURS					
GPH 410: Synoptic Meteorology II	4	\boxtimes		Grade of C	
GPH 412: Physical Climatology	3	\boxtimes		Grade of C	
GCU 121: World Geography (SB, G)	4			Grade of C	
Technique Course (See list in DARS)	3	\boxtimes		Grade of C	
TERM SEVEN: 91-105 CREDIT HOURS	,				
Upper Division SB or HU course)	3				
GCU 474: Public Land Policy (SB)	3	\boxtimes		Grade of C	
GCU 495: Quantitative Methods in Geography (CS)	3			Grade of C	
Upper Division General Elective	3				
Upper Division General Elective	3	\boxtimes			
TERM EIGHT: 106-120 CREDIT HOURS					
GPH 475: Dynamic Meteorology II	3	\square		Grade of C	
GCU 496 : Geographic Research Methods (L)	3	\boxtimes		Grade of C	
Upper Division General Elective	3				
Upper Division General Elective	3				
General Elective	3				



Major Map: Geography (Meteorology-Climatology) -

Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA (2.00 minimum) Total Hrs at ASU (minimum 30)		Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)			Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

There is room in this major map to add a concurrent degree, a minor or a certificate.

Recommended courses for general electives.

Students who plan to go on to graduate school or to work in the field are encouraged to take the following courses for their general electives: GPH 212 and 214: Introduction to Meteorology and Laboratory (SQ)

MAT 274: Elementary Differential Equations (MA)



Major Map: Geography (Urban Studies) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Tran	nsfer Pathway: TAG	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title		Upper	Transfer		
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
TERM ONE: 0-15 CREDIT HOURS MAT 119 Finite Math (MA)	3			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score
ENG 101 and 102: First-Year Composition OR	3			Glade of C	determines placement into first-year
ENG 105: Advanced First-Year Composition OR	3			Grade of C	composition courses
ENG 107 and 108: English for Foreign Students					ASU Math Placement Exam score determines placement in Mathematics course
Humanities, Fine Arts, and Design (HU) with Historical Awareness (H)	3				All freshmen are required to pass an academic
General Elective	3				success class and therefore must enroll in an
Academic Success Class or First Year Seminar	1				Academic Success Cluster and/or a First Year Seminar
TERM TWO: 16-30 CREDIT HOURS					
Complete one course from:					MAT 119 must be completed by the end of
GCU 102: Introduction to Human Geography – 3 (SB, G) GCU 121: World Geography – 4 (SB, G) GPH 111: Introduction to Physical Geography – 4 (SQ)	3 or 4			Grade of C	term 3 as critical
ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR	3			Grade of C	
ENG 107 and 108: English for Foreign Students	,]		Glade of C	
Humanities, Fine Arts, and Design (HU) with Cultural Diversity in U.S. Awareness (C)	3				
General Elective	3				
General Elective	3				
TERM THREE: 31-45 CREDIT HOURS					
Complete one course from:					Complete First-Year Composition
GCU 102: Introduction to Human Geography – 3 (SB, G) GCU 121: World Geography – 4 (SB, G)	3 or 4			Grade of C	requirement: ENG 101 & 102 OR ENG 107 & 108 or 105
GPH 111: Introduction to Physical Geography – 4 (SQ)	4				MAT 119 must be completed by the end of
Literacy and Critical Inquiry (L)	3				term 3 as critical
CLAS Science and Society	3			Grade of C	
General Elective	3				
General Elective	3				
TERM FOUR: 46-60 CREDIT HOURS					
GCU 361: Urban Geography (SB)	3	\boxtimes		Grade of C	
Natural Science Quantitative (SQ) or General (SG)	4				
Complete remaining course from: GCU 102: Introduction to Human Geography – 3 (SB, G) GCU 121: World Geography – 4 (SB, G)	3 or 4			Grade of C	
GPH 111: Introduction to Physical Geography – 4 (SQ)					
General Elective	3				
General Elective	3				
TERM FIVE: 61-75 CREDIT HOURS					
Upper Division CLAS Science and Society	3			Grade of C	
GPH 370: Geographic Information Technologies (CS)	3	\boxtimes		Grade of C	
Urban Topical Course #1 (See list in DARS)	3			Grade of C	
Upper Division General Elective	3				
General Elective	3				
TERM SIX: 76-90 CREDIT HOURS				0 1 60	
GPH 373: Geographic Information Science I (CS)	4			Grade of C	
Urban Topical Course #2 (See list in DARS)	3			Grade of C	
Upper Division GCU/GPH/PUP Elective Course	3			Grade of C	
Upper Division General Elective	3				
General Elective	3				
TERM SEVEN: 91-105 CREDIT HOURS Urban Topical Course #3 (See list in DARS)	3	\boxtimes		Grade of C	
GCU 495: Quantitative Methods in Geography (CS)	3			Grade of C	
Upper Division GCU/GPH/PUP Elective Course	3			Grade of C	
Upper Division General Elective	3			Stade of C	
Trr		1	l	1]



Major Map: Geography (Urban Studies) – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
TERM EIGHT: 106-120 CREDIT HOURS					
GCU 496: Geographic Research Methods (L)	3	\boxtimes		Grade of C	
Upper Division GCU/GPH/PUP Elective Course	3	\boxtimes		Grade of C	
Upper Division General Elective	3	\boxtimes			
General Elective	3				
General Elective	1				

Graduation Requirements Summary:

Total Hours (120 minimum)	Total UD Hours (minimum 45)	Cumulative GPA (2.00 minimum)	Total Hrs at ASU (minimum 30)	Resident Credit for Academic Recognition (minimum 56)	Total Comm. College Hrs. (maximum 64)
(120 minimum)	(minimum 43)	(minimum 45) (2.00 minimum) (minir		Recognition (minimum 50)	(maximum 04)

General University Requirements: Legend

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative applications (CS)
- Humanities, Fine Arts, and Design (HU)
- Social and Behavioral Sciences (SB)
- Natural Science-Quantitative (SQ)

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

There is room in this major map to add a concurrent degree, a minor or a certificate.



Major Map: German – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Tran ☐ MAPP ☐	nsfer Pathway: ΓAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM ONE: 0-15 CREDIT HOURS					
GER 111: Fundamentals of German (or higher level GER course depending on placement)	4			Grade of C	Minimum 2.33 GPA required in all critical courses.
ENG 101 and 102: First-Year Composition OR	3			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score
ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students					determines placement into first-year composition courses.
MAT 142: College Mathematics or higher (MA)	3			Grade of C	GER 111: Fundamentals of German is
Social and Behavioral Sciences (SB)	3				equivalent to GER 101: Elementary German and GER 102: Elementary German.
Academic Success Class or First Year Seminar	1				All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar. ASU Math Placement Exam score determines placement in Mathematics course.
TERM TWO: 16-30 CREDIT HOURS				0 1 60	Maria and Charles I I I I I I I I
GER 201: Intermediate German (or higher)	4			Grade of C	Minimum 2.33 GPA required in all critical courses.
ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students	3			Grade of C	courses.
Computer/Statistics/Quantitative applications (CS)	3				
Social and Behavioral Sciences (SB)	3				
Awareness Area – Historical (H)	3				
()	,				
TERM THREE: 31-45 CREDIT HOURS GER 202: Intermediate German (or higher) (G)	4			Grade of C	Minimum 2.33 GPA required in all critical
Complete one course from:	3			Grade of C	courses.
SLC 201: Introduction to Linguistics (HU or SB) OR					Complete First-Year Composition The Composition of the Compos
SLC 202: Introduction to Literacy and Cultural Theory					requirement: ENG 101 & 102 OR ENG 107 & 108 or 105.
Natural Science-Quantitative (SQ) or General (SG)	4				Complete Mathematical Studies (MA).
Awareness Area - Cultural (C)	3				
TERM FOUR: 46-60 CREDIT HOURS				<u> </u>	NG : 222 GD4 : 1: II : II : II
GER 311: German Conversation OR GER 312: German Conversation (G)	3	\boxtimes		Grade of C	 Minimum 2.33 GPA required in all critical courses.
GER 313: German Composition (G)	3	⊠		Grade of C	eouises.
Complete one course from: SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literacy and Cultural Theory	3			Grade of C	
Natural Science-Quantitative (SQ) or General (SG)	4			Grade or C	
Literacy and Critical Inquiry (L)	3				
TERM FIVE: 61-75 CREDIT HOURS					
GER 411: Advanced Grammar and Conversation (G)	3	\boxtimes		Grade of C	Minimum grade of "C" in all GER, SLC and
GER 422: German Literature (L or HU)	3	\boxtimes		Grade of C	German Related Fields courses. • Enroll in "IPO" Study Abroad Program credits
Elective	3				 Enroll in "IPO" Study Abroad Program credits or listed courses.
Elective	3				
Elective	3				
TERM SIX: 76-90 CREDIT HOURS					
GER 412: Advanced Grammar and Conversation (G)	3	\boxtimes		Grade of C	Minimum grade of "C" in all GER, SLC and
GER 421: German Literature (HU)	3	\boxtimes		Grade of C	German Related Fields courses. • Enroll in "IPO" Study Abroad Program credits
GER Related Field	3			Grade of C	or listed courses.
Humanities, Fine Arts, and Design (HU)	3				
Upper Division Elective	3	\boxtimes			
TERM SEVEN: 91-105 CREDIT HOURS					
GER 4**	3	\boxtimes		Grade of C	Minimum grade of "C" in all GER, SLC and
GER Related Field	3			Grade of C	German Related Fields courses. • Enroll in "IPO" Study Abroad Program credits
Upper Division Elective	3	\boxtimes			or listed courses.
Upper Division Elective	3	\boxtimes]
Humanities, Fine Arts, and Design (HU) or Social and Behavioral	,		_		
Sciences (SB) TERM EIGHT: 106-120 CREDIT HOURS	3				
GER 4**	3	\boxtimes		Grade of C	Minimum grade of "C" in all GER, SLC and
SLC 400-level course	3			Grade of C	German Related Fields courses.
Upper Division Elective	3			Grade or C	 Enroll in "IPO" Study Abroad Program credits or listed courses.
Upper Division Elective	3				or fisted courses.
Upper Division Elective Upper Division Elective	3				1



Major Map: German – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours (120 minimum)	Total UD Hours (minimum 45)	Cumulative GPA (2.00 minimum)	Total Hrs at ASU (minimum 30)	Resident Credit for Academic Recognition (minimum 56)	Total Comm. College Hrs. (maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Minimum grade of "C" in all GER, SLC and German Related Fields courses. For information regarding related field courses go to: http://silc.asu.edu/undergraduate/majors-minors-certs.

German is a flexible liberal arts major. Students must bear in mind that credits toward the major and minor can only be accumulated after completion of intermediate German. GER 101, 102 or 111 are not major requirements, but demonstrated proficiency at or above the 202 level is required for enrollment in upper-division major requirement courses. A maximum of 6 hours from the GER 200 level (GER 201: Intermediate German I and GER 202: Intermediate German II) may be used toward major requirements. Students are strongly encouraged to contact an academic advisor regarding clarifications on course applicability.



Major Map : Global Health – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Tran	nsfer Pathway: FAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title	***	Upper	Transfer	Minimum Grade if	
(courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS	Hrs.	Division	Course/Grade	Required	Additional Critical Tracking Notes
ASB 102: Intro to Cultural and Social Anthropology (SB, G)	3			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score
MAT 142: College Mathematics (MA)	3			Grade of C	determines placement into first-year
ENG 101/107: First-Year Composition/English for Foreign Students					composition courses ASU Math Placement Exam score determines
ENG 102/108: First-Year Composition/ English for Foreign Students					placement in Mathematics course
ENG 105: Advanced First-Year Composition WAC 101: Intro to Academic Writing	3			Grade of C	Consult academic advisor for Learning
Second Language	4			Grade of C	Community, Academic Success Clusters and First Year Seminar options.
Humanities, Fine Arts, and Design (HU)	3				All freshmen are required to pass an academic
					success class and therefore must enroll in an
					Academic Success Cluster and/or a First Year Seminar
Academic Success Class or First Year Seminar	1				50a.
TERM TWO: 16-30 CREDIT HOURS					
SSH 100: Introduction to Global Health (SB, G)	3			Grade of C	Math completed
ENG 101/107: First-Year Composition/English for Foreign Students					
ENG 102/108: First-Year Composition/ English for Foreign Students ENG 105: Advanced First-Year Composition	3			Grade of C	
Continue 2 nd Language	4			Grade of C	
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the					
US (C) or Historical Awareness (H)	3				
TERM THREE: 31-45 CREDIT HOURS			1		
Time Depth or Health and Human Biology Course	3			Grade of C	Completed First-Year Composition Requirement
Natural Sciences – Quantitative (SQ) or General (SG)	4				requirement
Computer/Statistics/Quantitative applications (CS)	3				4
Continue 2 nd Language if necessary, or Elective	4				
TERM FOUR: 46-60 CREDIT HOURS	1				
Culture Society and Health Course	3			Grade of C	Second language completed; a grade of C or higher is required for completion of the second
Natural Sciences – Quantitative (SQ)	4				- language
Continue 2 nd Language if necessary, or Elective	4				
Upper Division Elective	3				
Elective	3				
SUMMER TERM (Required Global Health Study Abroad Program)					
SSH 403 Cross-Cultural Studies in Global Health	3	\boxtimes		Grade of C	
Global Health Elective Course	3	\boxtimes		Grade of C	
TERM FIVE: 61-75 CREDIT HOURS					
Poverty, Social Justice and Global Health Course	3			Grade of C	
Global Health Elective Course	3			Grade of C	
Literacy & Critical Inquiry (L)	3				
Upper Division Humanities, Fine Arts & Design (H) or Social & Behavioral Science (SB) AND Cultural Diversity in the US (C) or					
Historical Awareness (H)	3				
Elective	3				
TERM SIX: 76-90 CREDIT HOURS					
Global Health Elective Course	3			Grade of C	
Global Health Elective Course	3	\square		Grade of C	
Upper division Literacy & Critical Inquiry (L)	3	\square			
Upper division Elective	3	\boxtimes			
TERM SEVEN: 91-105 CREDIT HOURS					
Global Health Practicum	3-9			Grade of C	Practicum to be completed by term 7
Global Health Elective Course	3			Grade of C	Study Abroad requirement must be completed by term 7
Elective	3				
Upper Division Elective	3				
Elective	2				
TERM EIGHT: 106-120 CREDIT HOURS					
SSH 405: Capstone Seminar for Global Health	3			Grade of C	Cannot enroll in SSH 405 until student has
Global Health Elective Course	3	\boxtimes		Grade of C	completed required Global Health study abroad and practicum.
Upper Division Elective	3				aorona ana praeneum.
Elective	3				



Graduation Requirements Summary:

Total	Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 n	ninimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - 0 Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0
 - 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - 0 Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - 0 Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Global Studies – Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

			Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None		Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title		Upper	Transfer Minimum Grade if		LAGEC LIGETC/CSUGE LINOTTE	
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes	
TERM ONE: 0-15 CREDIT HOURS					Recommended 2.5 cumulative ASU GPA	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR	3			Grade of C	All freshmen are required to pass an academic	
ENG 105: Advanced First-Year Composition					success class and therefore must enroll in an	
MAT 142: College Mathematics (MA)	3			Grade of C	Academic Success Cluster and/or a First Year Seminar	
Second Language	4				Schina	
Natural Science – Quantitative (SQ) or General (SG)	4					
Academic Success Class or First Year Seminar	1					
TERM TWO: 16-30 CREDIT HOURS	1				Recommended 2.5 cumulative GPA	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	Recommended 2.5 cumulative GPA	
SGS 101: Thinking Globally: The Individual & Authority (SB)	3			Grade of C		
Second Language	4					
Humanities, Fine Arts, and Design (HU)	3					
Awareness Area (C, G, or H)	3					
TERM THREE: 31-45 CREDIT HOURS						
SGS 304: Professional Global Career Development	3			Grade of C	Completed First-Year Composition Math completed	
SGS Track Elective	3			Grade of C	Recommended 2.5 cumulative GPA	
Second Language	4					
Natural Science-Quantitative (SQ)	4					
Social Behavioral Science (SB)	3					
TERM FOUR: 46-60 CREDIT HOURS	2	5 7		0 1 00	Recommended 2.5 cumulative GPA	
SGS 305: Research Methods (L)	3			Grade of C	Recommended 2.3 cumulative GPA	
SGS Track Elective	3			Grade of C		
Second Language	3					
Awareness area (remaining course C, G, or H) Humanities, Fine Arts, and Design (HU)	3					
TERM FIVE: 61-75 CREDIT HOURS	5					
Upper Division SGS Track Elective	3	\boxtimes		Grade of C	Recommended 2.5 cumulative GPA	
Upper Division SGS Track Elective	3	⊠		Grade of C	See advisor for related area course options	
Upper Division Related Area	3	<u> </u>		Grade of C		
Upper Division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3	\boxtimes				
Elective	3					
TERM SIX: 76-90 CREDIT HOURS						
Complete one course from:		_			Recommended 2.5 cumulative GPA	
SOC 390: Social Statistics I (CS) OR POS 401: Political Statistics (CS)	3			Grade of C		
Upper Division SGS track elective	3			Grade of C		
Upper Division Related Area	3			Grade of C		
Awareness Area – Cultural (C) (if needed) or Elective	3					
Upper Division Related Area	3	⊠		Grade of C		
TERM SEVEN: 91-105 CREDIT HOURS		_				
Upper Division Related Area	3			Grade of C	Recommended 2.5 cumulative GPA	
Literacy and Critical Inquiry (L)	3]	
Upper division elective	3]	
Elective	3					
Elective	2]	
TERM EIGHT: 106-120 CREDIT HOURS						
SGS 484: Internship	6			Grade of C	Recommended 2.5 cumulative GPA	
Upper Division Elective	3	⊠				
Elective	3					



Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.5 minimum recommended	(minimum 30)	Academic Recognition	(maximum 64)
		for major)		(minimum 56)	

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - 0
 - Mathematical Studies (MA)
 Computer/Statistics/Quantitative applications (CS) 0
 - 0 Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - 0 Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: History – Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

			Competed Tran	nsfer Pathway: ΓAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
TERM ONE: 0-15 CREDIT HOURS	IIIS.	Division	Course/Grade	Minimum Grade ii Required	Additional Critical Tracking Notes
HST ***	3			Grade of C	Maintain 2.25 GPA in Critical Courses
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	The History major requires students to take HST electives within one geographical concentration. Visit the History
MAT 142: College Mathematics (MA) or higher	3			Grade of C	Undergraduate Advising Office for geographical concentrations and for a list of
Second Language	4			Grade of C	Related Fields courses.
Humanities, Fine Arts, and Design (HU) or Elective	3				 All freshmen are required to pass an academic success class and therefore must
Academic Success Class or First Year Seminar	1				enroll in an Academic Success Cluster and/or
TERM TWO: 16-30 CREDIT HOURS					a First Year Seminar
HST ***	3			Grade of C	Maintain 2.25 GPA in Critical Courses
ENG 101/107: First-Year Composition/English for Foreign Students ENG 102/108: First-Year Composition/ English for Foreign Students ENG 105: Advanced First-Year Composition	3			Grade of C	
Second Language	4			Grade of C	
Natural Science – Quantitative or General (SQ/SG)	4				
TERM THREE: 31-45 CREDIT HOURS			_		
HST ***(SB)	3			Grade of C	 Maintain 2.25 GPA in Critical Courses Complete First-Year Composition
Computer/Statistics/Quantitative (CS)	3				requirement:
Second Language or Elective	4			Grade of C (if language)	ENG 101 & 102 OR ENG 107 & 108 or 105
Awareness Area - Global or Elective	3				
Elective	3				
Elective	1				
TERM FOUR: 46-60 CREDIT HOURS					
HST ***(SB, H)	3			Grade of C	 Maintain 2.25 GPA in Critical Courses Complete Mathematical Studies (MA)
Natural Science – Quantitative (SQ)	4				requirement
Second Language or Elective	4			Grade of C (if language)	
Awareness Area – Cultural Diversity (C) or Elective	3				
TERM FIVE: 61-75 CREDIT HOURS	2			Condo of C	Maintain 2.25 CDA in Critical Common
HST 300: Historical Inquiry (L) HST 3**/4**	3			Grade of C	Maintain 2.25 GPA in Critical Courses
	3			Grade of C	
Related Field	3			Grade of C	
Upper Division Related Field Upper Division Elective	3				
11	3				
TERM SIX: 76-90 CREDIT HOURS Complete one course from:	3			Grade of C	Students may choose any course between
HST 302: Studies in History HST 303: Studies in Asian History HST 304: Studies in European History HST 305: Studies in Latin American History HST 306: Studies in United States History HST 307: Studies in African History	,			Grade of C	HST 302-307
HST 3**/4**	3	\boxtimes		Grade of C	
Related Field	3			Grade of C	
Upper Division Elective	3				
Upper Division Elective	3				
TERM SEVEN: 91-105 CREDIT HOURS					
HST 498: Pro-Seminar (L)	3			Grade of C	Students in the Barrett Honors College may take HST 493: Honors Thesis in place of
HST 3**/4**	3	\boxtimes		Grade of C	HST 498:Pro-Seminar
Upper Division Related Field	3			Grade of C	
Upper Division General Elective	3			Grade of C	
Humanities, Fine Arts, and Design (HU) or Elective	3				
TERM EIGHT: 106-120 CREDIT HOURS					
Upper Division General Elective	3			Grade of C	
Upper Division Related Field	3			Grade of C	
Upper Division Elective	3				
Upper Division Elective	3				
Elective	3			1	



Major Map: History – Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Ho (120 min	urs imum)	Total UD Hours (minimum 45)	Cumulative GPA (2.00 minimum)	Total Hrs at ASU (minimum 30)	Resident Credit for Academic Recognition (minimum 56)	Total Comm. College Hrs. (maximum 64)

General University Requirements: Legend

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative applications (CS)
- Humanities, Fine Arts, and Design (HU)
- Social and Behavioral Sciences (SB)
- Natural Science-Quantitative (SQ)

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

The history major requires students to take HST electives within one geographical concentration. Visit the History Undergraduate Advising Office for geographical concentrations and for a list of Related Fields courses.

There is room in this degree to add a concurrent degree, a minor, or a certificate.



SB:

Total UD Res I. First Year Composition (3-6 hours) Hours Hours Hours Grade ENG 101:First Year Comp 1 (3) and ENG 102:First Year Comp 2 (3) or, if eligible ENG 105: Advance First Year Comp (3) II. University General Studies (35 hours) Humanities/Fine Arts & Social/Behavioral Sciences (15 hours) Required: 15 hours combined; 6 hours in one area, 9 hrs in the other AND one course must be upper division. HU: HU:

Mathematics & Statistics/Computer Applications (6 hours)							
SQ/SG:							
SQ:							
Natural Sciences (8 hours)							
HU or SB:							
SB:							

Literacy & Critical Inquiry (6 hours)		
CS:		
MA:		

L:					
Upper division L:					
Awareness Areas (2 courses minimum and must fulfill all 3 areas)					

Awareness Areas (2 courses minimum and must fulfill all 3 areas)

Double counting is permissible between Awareness Areas, other courses that fulfill graduation requirements, and within the Awareness Areas.

Global Awareness (G):		
Historical Awareness (H):		
Cultural Diversity (C):		

III. College of Liberal Arts and Sciences (6 hours)

Second Language Required: Students must complete a second language through the Intermediate II level. For most languages, this is the 202 level. For some, it is 314 or higher.

Total Hours Required (120 hrs. min)	Hours Required	Hours Required	Hours allowed (64	ASU Resident Hours for Academic Recognition (56 hrs min)

Integrated Studies courses are selected in consultation with an advisor. Students may not choose to major in Integrated Studies as freshmen. Instead, the major is approved on a case by case basis from students who have completed at least 30 graded hours at ASU and who have earned a minimum GPA of 3.25. In addition, students are required to submit three letters from faculty who are willing to mentor them through the program as well as to design a set of courses that create a holistic major that is unavailable at ASU in any other form. All information is to be submitted to Asst. Dean Barbara Colby, who will determine the viability and integrity of the proposed degrees

Major Map: Integrated Studies – Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

III. Integrated Studies Courses (min. 45 hours)¹				
Courses used for the major may not also be used to fill the university general studies or college requirements	Total Hours	UD Hours	Res Hours	Grade
IV. Electives	•	1	1	



and integrity of the proposed degrees

Major Map: Integrated Studies – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

I Final V	C	:4: (2 G	· harred	Total	UD	Res		III. Integrated Studies Courses		Ì		
	ear Compo	•	nours)	Hours	Hours	Hours	Grade	(min. 45 hours)¹				
	irst Year Com	,						Courses used for the major may not also be used to fill the universit	Total	UD	Res	
	irst Year Com							general studies or college requirements	Hours	Hours	Hours	Grade
ENG 105: A	Advance First	Year Comp (3	3)									
II Univo	reity Ganas	ral Studios	(25 hours)									
			(35 hours) vioral Science	oc /15 h	ure) E) og uirod	l. 15					
			in the other ANI									
division.							·					
HU:												
HU:												
SB:												
SB:												
HU or SB												
Natural S	ciences (8 ho	ours)										
SQ:												
SQ/SG:												
Mathema	tics & Statist	ics/Compute	r Applications	s (6 hou	rs)							
MA:		•										
CS:												
Literacy	& Critical Inq	uiry (6 hours	:)	1								
L:			•									
Upper div	ision L:											
Awaren	ess Areas (2	courses minimu	um and must fulf	ill all 3 are	as)							
			Awareness Area Awareness Area		courses	that fulf	fill					
Global Awa	areness (G):											
Historical A	Awareness (H):											
Cultural Di	versity (C):											
III. Colloc	o of Liboral	Arte and S	ciences (6 h	oure)	•		•					
			uired: 6 hours f		Scienc	e and	_					
Society wel	osite; at least o	one course m	ust be upper di)	IV. Electives				
minimum re	quired for eac	ch course.						777 27000700				
SS 1:												
CCO.												
<u>SS2:</u>												
		r	· ·									
Total Hours Required (120	Upper Division Hours Required	ASU Resident Hours Required	Max. 2-yr Transfer Hours allowed (64	Minimum GF required (2.0	0 Acade		lours for gnition (56					
hrs. min)	(45 hrs min)	(30 hrs min)	hrs max.)	min.)	hrs mi	in)						
Integrated	Studies courses	are selected in	consultation with	an adviso	r. Stude	nts mav	not					
choose to	major in Integrat	ed Studies as fre	eshmen. Instead,	the major	is appro	ved on a	a					
who have	earned a minimu	m GPA of 3.25.	e completed at lea In addition, stude	nts are rec	uired to	submit	three					
			or them through t that is unavailab									
			rtnat is unavallab n Barbara Colby,						<u> </u>			

Updated: 2/25/10



Major Map: International Letters & Cultures – Classics Concentration (Greek Emphasis) – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None		Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
TERM ONE: 0-15 CREDIT HOURS	1113.	Bivision	Course/Grade	Minimum Grade ii Required	Additional Critical Requirement Proces	
GRK 101: Elementary Ancient Greek (or higher)	4			Grade of C	ASU Math Placement Exam score	
SLC 194: Introduction to Classics	1			Grade of C	determines placement in Mathematics course An SAT, ACT, Accuplacer, or TOEFL score	
ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students	3			Grade of C	determines placement into first-year composition courses.	
MAT 142: College Mathematics or higher (MA)	3			Grade of C	Minimum 2.33 cumulative ASU GPA. Must have cumulative 3.0 GPA in Greek	
Social and Behavioral Sciences (SB)	3				courses All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar	
TERM TWO: 16-30 CREDIT HOURS				0 1 60	Minimum 2.33 cumulative ASIJ GPA	
GRK 201: Intermediate Ancient Greek (or higher) ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students	3			Grade of C Grade of C	Minimum 2.33. cumulative ASU GPA. An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses.	
Computer/Statistics/Quantitative applications (CS)	3				Must have cumulative 3.0 GPA in Greek	
Social and Behavioral Sciences (SB)	3		†	1	courses	
Awareness Area – Historical (H)	3				1	
TERM THREE: 31-45 CREDIT HOURS						
GRK 301: Ancient Greek Literature I (HU)	3	\boxtimes		Grade of C	Must have cumulative 3.0 GPA in Greek	
Complete one course from: SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory	3			Grade of C	 courses Minimum 2.33 cumulative ASU GPA GRK 301 may be repeated for a total of 6 	
Natural Science-Quantitative (SQ)	4				hours if course content differs. • Complete First-Year Composition	
Awareness Area - Cultural (C)	3				requirement: ENG 101 & 102 OR ENG 107	
Plactice	2				& 108 or 105 Complete Mathematical Studies (MA)	
Elective TERM FOUR: 46-60 CREDIT HOURS		_			Complete Mathematical Studies (MA)	
GRK 302: Ancient Greek Literature II (HU)	3			Grade of C	Minimum 2.33 cumulative ASU GPA	
Complete remaining course from: SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory	3			Grade of C	GRK 302 may be repeated for a total of 6 hours if course content differs.	
Classics History Course (see note on last page)	3			Grade of C	1	
Natural Science-Quantitative (SQ) or General (SG)	4					
Literacy and Critical Inquiry (L)	3					
TERM FIVE: 61-75 CREDIT HOURS						
PHI 301: History of Ancient Philosophy (HU & H)	3	\boxtimes		Grade of C	Minimum 2.33 cumulative ASU GPA	
Classics History Course (see note on last page)	3			Grade of C	Enroll in "IPO" Study Abroad Program credits or listed courses	
Awareness Area- Global (G)	3				ereans or noted equipes	
Elective	3					
Elective	2					
TERM SIX: 76-90 CREDIT HOURS	_			6 1 66	Minimum 2.33 cumulative ASU GPA	
Upper Division Elective	3			Grade of C Grade of C	Minimum 2.33 cumulative ASU GPA Enroll in "IPO" Study Abroad Program	
Classics Elective (see note on last page)	3			Grade of C	credits or listed courses	
Humanities, Fine Arts, and Design (HU) Upper Division Elective	3			Grade of C		
Upper Division Elective	3					
TERM SEVEN: 91-105 CREDIT HOURS	J					
Classics Elective (see note on last page)	3			Grade of C	Enroll in "IPO" Study Abroad Program	
Classics Elective (see note on last page) Classics Elective (see note on last page)	3			Grade of C	credits or listed courses	
Upper Division Elective	3					
Upper Division Elective	3				1	
Humanities, Fine Arts, and Design (HU) or Social and Behavioral Sciences (SB)	3					
TERM EIGHT: 106-120 CREDIT HOURS				0 1 60	• For II is "TDO" Ct. 1 41 1 D	
SLC 400-level course	3		-	Grade of C	Enroll in "IPO" Study Abroad Program credits or listed courses	
Classics History Course (see note on last page)	3			Grade of C	1	
Upper Division Elective	3					
Upper Division Elective	3		+		-	
Upper Division Elective	3		L		<u> </u>	



Major Map: International Letters & Cultures - Classics Concentration (Latin Emphasis) - Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Completed ATF		Completed AGEC: Yes No
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM ONE: 0-15 CREDIT HOURS	1115.	Division	Course, Grade	recuired	radicional Critical Requirement Protes
LAT 101: Elementary Latin (or higher)	4			Grade of C	ASU Math Placement Exam score determines
SLC 194: Introduction to Classics	1			Grade of C	placement in Mathematics course
ENG 101 and 102: First-Year Composition OR					An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year
ENG 105: Advanced First-Year Composition OR	3			Grade of C	composition courses.
ENG 107 and 108: English for Foreign Students MAT 142: College Mathematics or higher (MA)	-			0 1 10	Minimum 2.33 cumulative ASU GPA.
	3			Grade of C	Must have cumulative 3.0 GPA in Latin courses
Social and Behavioral Sciences (SB)					All freshmen are required to pass an academic success class and therefore must enroll in an
	3				Academic Success Cluster and/or a First Year
					Seminar
TERM TWO: 16-30 CREDIT HOURS			ı	ı	
LAT 102: Elementary Latin (or higher)	4			Grade of C	 Must have cumulative 3.0 GPA in Latin courses Minimum 2.33 cumulative ASU GPA.
ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR	3			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score
ENG 107 and 108: English for Foreign Students				Grade or C	determines placement into first-year
Computer/Statistics/Quantitative applications (CS)	3				composition courses.
Social and Behavioral Sciences (SB)	3				1
Awareness Area – Historical (H)	3				
TERM THREE: 31-45 CREDIT HOURS					
LAT 201: Intermediate Latin I (HU) (or higher)	4			Grade of C	Must have cumulative 3.0 GPA in Latin courses
Complete one course from:					Minimum 2.33 cumulative ASU GPA Complete First-Year Composition requirement:
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory	3			Grade of C	ENG 101 & 102 OR ENG 107 & 108 or 105
Natural Science-Quantitative (SQ)	4				Complete Mathematical Studies (MA)
Awareness Area - Cultural (C)	3				1
TERM FOUR: 46-60 CREDIT HOURS					
LAT 202: Intermediate Latin II (HU) (or higher)	4			Grade of C	Minimum 2.33 cumulative ASU GPA
Complete remaining course from:					1
SLC 201: Introduction to Linguistics (HU or SB) OR	3			Grade of C	
SLC 202: Introduction to Literary and Cultural Theory	3			Grade of C	-
Classics History Course (see note on last page)	4			Grade of C	-
Natural Science-Quantitative (SQ) or General (SG)	3				-
Literacy and Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS	3				
	3	\boxtimes		Grade of C	Minimum 2.33 cumulative ASU GPA
LAT 421: Roman Literature (HU)	3			Grade of C	LAT 421 may be repeated for a total of 6 hours
Classics History Course (see note on last page) Awareness Area- Global (G)	2			Grade or C	if course content differs.
	3				Enroll in "IPO" Study Abroad Program credits or listed courses
Upper Division Elective Upper Division Elective	3				- or risted courses
TERM SIX: 76-90 CREDIT HOURS	3				
LAT 422: Roman Literature OR Upper Division Elective	3	\boxtimes		Grade of C	Minimum 2.33 cumulative ASU GPA
Classics Elective (see note on last page)	3			Grade of C	LAT 422 may be repeated for a total of 6 hours
Humanities, Fine Arts, and Design (HU)	3			Grade of C	if course content differs. • Enroll in "IPO" Study Abroad Program credits
Upper Division Elective	3	⊠			or listed courses
Upper Division Elective	3	\boxtimes			1
TERM SEVEN: 91-105 CREDIT HOURS				<u>'</u>	
Classics Elective (see note on last page)	3			Grade of C	Enroll in "IPO" Study Abroad Program credits
Classics Elective (see note on last page)	3			Grade of C	or listed courses
Upper Division Elective	3				1
Upper Division Elective	3	⊠			1
Humanities, Fine Arts, and Design (HU) or Social and Behavioral	3				1
Sciences (SB)					
TERM EIGHT: 106-120 CREDIT HOURS	2	C		G 1 5G	Enroll in "IPO" Study Abroad Program credits
SLC 400-level course	3			Grade of C	Enroll in "IPO" Study Abroad Program credits or listed courses
Classics History Course (see note on last page)	3	⊠ ⊠		Grade of C	4
Upper Division Elective	3	⊠ ⊠			-
Upper Division Elective	3				-
Upper Division Elective	3	\boxtimes	l	1	Í



Major Map: International Letters & Cultures - Classics Concentration - Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences, Tempe Campus Catalog Year: 2009-2010

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative applications (CS)
- Humanities, Fine Arts, and Design (HU)
- Social and Behavioral Sciences (SB)
- Natural Science-Quantitative (SQ)

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

LANGUAGE REQUIRMENTS

Students will choose either a Latin Emphasis or a Greek Emphasis. Students should work with their advisor to determine which language courses to enroll in each semester. Students must maintain a 3.0 GPA in chosen target language courses.

CLASSICS HISTORY COURSES (choose two)

HST 347: Ancient Greece (SB & H)

HST 348: Rome (SB & H)

HST 394: Special Topics Courses (MUST be Greek or Roman History)

CLASSICS ELECTIVE COURSES

Special topics courses must be related to Classical Studies; students will be required to provide a syllabus for the requested course to the SILC academic advisor prior to taking the course. For information regarding elective courses click on the related fields' link at this page: http://silc.asu.edu/undergraduate/majors-minors-certs



Major Map: International Letters and Cultures – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			□ MAPP □	ster Pathway: ΓAG □ATP □None	□ AGEC □ IGETC/CSUGE □ None
Course Subject and Title	11	Upper	Transfer		
(courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS	Hrs.	Division	Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
SLC 194: Introduction to SILC Transdisciplinary Studies	1			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score
Complete one course from:					determines placement into first-year
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary & Cultural Theory	3			Grade of C	composition courses ASU Math Placement Exam score
ENG 101 or 102: First-Year Composition OR	3			Grade of C	determines placement in Mathematics course
ENG 105: Advanced First-Year Composition OR	_				 Minimum 2.33 cumulative ASU GPA. Foreign Language must be offered by SILC.
ENG 107 or 108: English for Foreign Students	3			Grade of C Grade of C	Contact a SILC academic advisor for
MAT 142: College Mathematics (MA)					 approved listings. Students taking Romanian and Portuguese
Foreign Language ≥ 201 (see note)	3-5			Grade of C	should be at least at the 313 level by the end
					of semester 1. • Students taking Greek should be at least at
					the 301 level by the end of semester 1. • Must have cumulative 3.0 GPA in primary
					target language courses.
					All freshmen are required to pass an
					academic success class and therefore must enroll in an Academic Success Cluster and/or
Social/Behavioral Science (SB)	3				a First Year Seminar
TERM TWO: 16-30 CREDIT HOURS					NG : AGY GRA
Complete remaining course from: SLC 201: Introduction to Linguistics (HU or SB) OR					 Minimum 2.33 cumulative ASU GPA. Foreign Language must be offered by SILC.
SLC 202: Introduction to Literary & Cultural Theory	3			Grade of C	Contact a SILC academic advisor for
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR					 approved listings. Students taking Romanian and Portuguese
ENG 103: Advanced First-Fear Composition OK ENG 107 or 108: English for Foreign Students	3			Grade of C	should be at least at the 314 level by the end
Computer/Statistics/Quantitative applications (CS)	3				of semester 1. Students taking Greek should be at least at
Humanities, Fine Arts & Design (HU)	3				the 302 level by the end of semester 1.
, , , , , , , , , , , , , , , , , , ,					 Must have cumulative 3.0 GPA in primary
					target language courses. Meet with SILC Academic Advisor to
Foreign Language ≥ 202 (see note)	3-5			Grade of C	discuss semester 3 milestones.
TERM THREE: 31-45 CREDIT HOURS		1			
Historical Awareness (H)	3			Grade of C	 MILESTONE: Write personal statement and submit by end of term.
Natural Science-Quantitative (SQ)	4				MILESTONE: Receive Program of Study
Social/Behavioral Science (SB)	3				 approval by end of term. Must have cumulative 3.0 GPA in primary
Humanities, Fine Arts & Design (HU)	3				target language courses.
					Minimum 2.33 cumulative ASU GPA. Complete First-Year Composition
					Complete First-Year Composition requirement: ENG 101 & 102 OR ENG 107
					& 108 OR ENG 105
Foreign Language ≥ 300 (see note)	3	\boxtimes		Grade of C	Complete Mathematical Studies Requirement (MA)
TERM FOUR: 46-60 CREDIT HOURS					(******)
Cultural Diversity in the US (C)	3			Grade of C	Minimum 2.33 cumulative ASU GPA.
Approved Program of Study Course (see note)	3			Grade of C	Approved Program of Study courses to be selected from approved and current Program
Approved Program of Study Course (see note)	3			Grade of C	of Study.
Natural Science - Quantitative(SQ) or General (SG)	4				
Elective	3				
TERM FIVE: 61-75 CREDIT HOURS	_				Maintain minimum 2.33 cumulative ASU
Approved Program of Study Course (see note)	3			Grade of C	GPA (required for graduation).
Approved Program of Study Course (see note)	3			Grade of C	Approved Program of Study courses to be
Approved Program of Study Course (see note) Literacy and Critical Inquiry (L)	3			Grade of C	selected from approved and current Program of Study.
Elective	3				
TERM SIX: 76-90 CREDIT HOURS	, ,				
Approved Program of Study upper division Course (see note)	3	\boxtimes		Grade of C	Maintain minimum 2.33 cumulative ASU
Approved Program of Study upper division Course (see note)	3	⊠		Grade of C	GPA (required for graduation). • Approved Program of Study courses to be
Approved Program of Study upper division Course (see note)	3	⊠		Grade of C	selected from approved and current Program
Upper-Division Elective	3				of Study.
Upper Division Literacy and Critical Inquiry (L)	3	\boxtimes			



Major Map: International Letters and Cultures – Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
TERM SEVEN: 91-105 CREDIT HOURS						
Approved Program of Study upper division Course (see note)				Grade of C	Maintain minimum 2.33 cumulative ASU GPA	
Approved Program of Study upper division Course (see note)	3	\boxtimes		Grade of C	 (required for graduation). Approved Program of Study courses to be 	
Approved Program of Study upper division Course (see note)	3	\boxtimes		Grade of C	selected from approved and current Program of	
Upper-Division Social/Behavioral Science (SB) or Humanities, Fine Arts & Design (HU)	3				Study. • Meet with SILC Academic Advisor to prepare for	
Upper-Division Elective	3	\boxtimes			final semester.	
TERM EIGHT: 106-120 CREDIT HOURS						
SLC 400-level course	3			Grade of C	MILESTONE: Must have earned 9 (nine) upper-	
Approved Program of Study upper division Course (see note)	3			Grade of C	division hours in primary target language courses by the end of term 8.	
Approved Program of Study upper division Course (see note)	3	\boxtimes		Grade of C	Maintain minimum 2.33 cumulative ASU GPA	
Approved Program of Study upper division Course (see note)	3			Grade of C	(required for graduation). Approved Program of Study courses to be selected from approved and current Program of Study.	

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Academic Recognition	(maximum 64)
				(minimum 56)	

General University Requirements: Legend

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative applications (CS)
- Humanities, Fine Arts, and Design (HU)
- Social and Behavioral Sciences (SB)
- Natural Science-Quantitative (SQ)

- Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Italian - Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Tran ☐ MAPP ☐	nsfer Pathway: ΓAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
TERM ONE: 0-15 CREDIT HOURS						
ITA 101: Elementary Italian I or ITA 111: Accelerated Elementary Italian (or higher level ITA course depending on placement)	4			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year	
ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR	3			Grade of C	composition courses ASU Math Placement Exam score determines placement in Mathematics course	
ENG 107 and 108: English for Foreign Students MAT 142: College Mathematics or higher (MA)	3			Grade of C	Minimum 2.33 GPA required in all critical	
Social and Behavioral Sciences (SB)	3				courses.	
Academic Success Class or First Year Seminar	1				ITA 111: Accelerated Elementary Italian is equivalent to ITA 101: Elementary Italian I	
	1				and ITA 102: Elementary Italian II All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar	
TERM TWO: 16-30 CREDIT HOURS	1			Crada of C	Minimum 2.22 CDA required in all suitical	
ITA 102: Elementary Italian II (or higher)	3			Grade of C	Minimum 2.33 GPA required in all critical courses.	
ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students	3			Grade of C	courses.	
Computer/Statistics/Quantitative applications (CS)	3					
Social and Behavioral Sciences (SB)	3]	
Historical Awareness (H)	3					
TERM THREE: 31-45 CREDIT HOURS						
ITA 201: Intermediate Italian I (or higher) (G)	4			Grade of C	Minimum 2.33 GPA required in all critical courses.	
Complete one course from:					Complete First-Year Composition	
SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literacy and Cultural Theory	3			Grade of C	requirement: ENG 101 & 102 OR ENG 107 &	
Natural Science-Quantitative (SQ)	4			Grade of C	108 or 105	
Cultural Diversity in the US (C)	3				Complete Mathematical Studies (MA)	
TERM FOUR: 46-60 CREDIT HOURS						
ITA 202: Intermediate Italian II (or higher) (G)	4			Grade of C	Minimum 2.33 GPA required in all critical	
Complete remaining course from: SLC 201: Introduction to Linguistics (HU or SB) OR					courses.	
SLC 201: Introduction to Linguistics (FIO of SB) OR SLC 202: Introduction to Literacy and Cultural Theory	3			Grade of C		
Natural Science-Quantitative (SQ) or General (SG)	4					
Humanities, Fine Arts, and Design (HU)	3					
Elective	3					
TERM FIVE: 61-75 CREDIT HOURS						
ITA 311: Italian Conversation (G)	3	\boxtimes		Grade of C	Minimum grade of "C" in all ITA, SLC and	
ITA 312: Italian Composition (G)	3	\boxtimes		Grade of C	Italian Related Fields courses. • Enroll in "IPO" Study Abroad Program credits	
ITA 3** or ITA 4**	3	\boxtimes		Grade of C	or listed courses	
ITA Related Field (list in DARS)	3	☒		Grade of C		
Elective	2					
TERM SIX: 76-90 CREDIT HOURS				Ī	A CONTRACTOR OF	
ITA 3** or 4**	3			Grade of C	Minimum grade of "C" in all ITA, SLC and Italian Related Fields courses.	
ITA 321: Introduction to Italian Literature I	3			Grade of C	Enroll in "IPO" Study Abroad Program credits	
ITA Related Field (list in DARS)	3			Grade of C	or listed courses	
Literacy and Critical Inquiry (L)	3				-	
Upper Division Elective	3	\boxtimes				
TERM SEVEN: 91-105 CREDIT HOURS	2			0 1 60	Minimum grade of "C" in all ITA, SLC and	
ITA 322: Introduction to Italian Literature II (HU)	3			Grade of C	Italian Related Fields courses.	
ITA 413: Advanced Italian	3			Grade of C	Enroll in "IPO" Study Abroad Program credits	
Upper Division Literacy and Critical Inquiry (L) Upper Division Humanities, Fine Arts, and Design (HU) or Social and Behavioral Sciences (SB)	3				or listed courses	
Elective	3]	
TERM EIGHT: 106-120 CREDIT HOURS						
ITA 4**	3	\boxtimes		Grade of C	Minimum grade of "C" in all ITA, SLC and	
SLC 400-level course	3	\boxtimes		Grade of C	Italian Related Fields courses. • Enroll in "IPO" Study Abroad Program credits	
Upper Division Elective	3	\boxtimes			or listed courses	
Upper Division Elective	3	⊠				
Elective	3					



Major Map: Italian – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Minimum grade of "C" in all ITA, SLC and Italian Related Fields courses. For information regarding related field courses go to: http://silc.asu.edu/undergraduate/majors-minors-certs.

Italian is a flexible liberal arts major. Students must bear in mind that credits toward the major and minor can only be accumulated after completion of intermediate Italian. ITA 101, 102 or 111 are not major requirements, but demonstrated proficiency at or above the 202 level is required for enrollment in upper-division major requirement courses. A maximum of 6 hours from the ITA 200 level (ITA 201: Intermediate Italian I and ITA 202: Intermediate Italian II) may be used toward major requirements. Students are strongly encouraged to contact an academic advisor regarding clarifications on course applicability.



Major Map: Justice Studies – Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

			Competed Transfer I ☐ MAPP ☐ TAG		Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title		Upper	Transfer	Minimum Grade if		
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Required	Additional Critical Requirements Notes	
TERM ONE: 0-15 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 or WAC 101: Intro to Academic Writing	3			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines	
Complete 1 course from: JUS 105: Introduction to Justice Studies (SB) OR JUS elective	3			Grade of C	placement in Mathematics course Complete First-Year Composition by end of semester 3	
Mathematical Studies (MA) or perquisite if needed	3			Grade of C	Complete Mathematical Studies (MA) by end of	
Second Language Requirement	4			Grade of C	semester 3 • Earn 2.0 GPA in JUS 105, 301, and 303 by end of	
Humanities, Fine Arts, and Design (HU)	3				term 4	
Academic Success Class or First Year Seminar	1				All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First-Year Seminar	
TERM TWO: 16-30 CREDIT HOURS	1					
ENG 101 or 102: First-Year Composition and ENG 107 or 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	Complete First-Year Composition by end of semester Complete Mathematical Studies (MA) by end of	
Complete remaining course from: JUS 105: Introduction to Justice Studies (SB) OR JUS elective	3			Grade of C	 semester 3 Earn 2.0 GPA in JUS 105, 301, and 303 by end of term 4 	
Second Language Requirement	4			Grade of C	Earn 2.50 ASU cumulative GPA recommended	
Humanities, Fine Arts, and Design (HU)	3					
MAT 142: College Mathematics (MA)	3			Grade of C		
TERM THREE: 31-45 CREDIT HOURS						
Complete one course from: ENG 215 Strategies of Academic Writing (L) OR ENG 216 Persuasive Writing on Public Issues (L) OR ENG 217 Writing Reflective Essays (L) OR ENG 218 Writing About Literature (L) OR ENG 301 Writing for the Professions (L)	3			Grade of C	Complete First-Year Composition by end of semester Complete Mathematical Studies (MA) by end of semester 3 Earn 2.50 ASU cumulative GPA recommended Earn 2.0 GPA in JUS 105, 301, and 303 by end of	
Computer Science or Statistics course (CS)	3				term 4	
Second Language Requirement or Elective	4			Grade of C	Completing one of the following courses is critical at end of Term 4:	
Natural Science – Quantitative or General (SQ or SG)	4				ENG 215 Strategies of Academic Writing (L) OR	
Elective	3				ENG 216 Persuasive Writing on Public Issues (L) OR ENG 217 Writing Reflective Essays (L) OR ENG 218 Writing About Literature (L) OR ENG 301 Writing for the Professions (L)	
TERM FOUR: 46-60 CREDIT HOURS						
JUS 301 Research in Justice Studies (SB)	3	\boxtimes		Grade of C	• Earn 2.0 GPA in JUS 105, 301, and 303 by end of	
JUS 303 Justice Theory	3	\boxtimes		Grade of C	term 4 • Minimum cumulative GPA of 2.50	
Second Language Requirement or Elective	3			Grade of C	Completing one of the following courses is critical at	
Elective	3				end of Term 4: ENG 215 Strategies of Academic Writing (L) OR ENG 216 Persuasive Writing on Public Issues (L) OR ENG 217 Writing Reflective Essays (L) OR ENG 218 Writing About Literature (L) OR ENG 301 Writing for the Professions (L)	
TERM FIVE: 61-75 CREDIT HOURS	2	⊠		Contact C		
JUS 300-level course (J-1 Core Status pre-requisite) Upper division related field or Discipline Specific Focus course	3	\boxtimes		Grade of C Grade of C		
Elective or Cultural Awareness (C)	3			Grade of C	-	
JUS 300-level course (J-1 Core Status pre-requisite)	3			Grade of C		
Natural Science – Quantitative or General (SQ or SG)	4			0.000		
TERM SIX: 76-90 CREDIT HOURS	ļ.					
JUS 400-level course (L) (Capstone Status Pre-requisite)	3	\boxtimes		Grade of C		
Upper division Elective	3	\boxtimes		Grade of C		
Upper division related field or Discipline Specific Focus course	3	\boxtimes		Grade of C		
Elective	3					
Elective	3					
TERM SEVEN: 91-105 CREDIT HOURS						
JUS 400-level course (Capstone Status Pre-requisite)	3			Grade of C		
JUS 400-level course (Capstone Status Pre-requisite)	3	\boxtimes		Grade of C		
Upper division related field or Discipline Specific Focus course	3			Grade of C		
Elective	3					
Elective	3				1 I	



Major Map: Justice Studies - Bachelor of Arts (B.A.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirements Notes
TERM EIGHT: 106-120 CREDIT HOURS					
Upper division designated capstone course (Capstone Status pre- requisite)	3	\boxtimes		Grade of C	
Upper division related field or Discipline Specific Focus course	3	\boxtimes		Grade of C	
JUS elective course (JUS 484 Internship recommended or if JUS 200 completed earlier, upper division elective or additional JUS 300 or 400 level course)	3			Grade of C	
Elective	3				

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)
		,	,	,	

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Justice Studies – Bachelor of Science (B.S.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

			Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None		Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title		Upper	Transfer	Minimum Grade if	
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Required	Additional Critical Requirements Notes
TERM ONE: 0-15 CREDIT HOURS ENG 101 and 102: First-Year Composition OR					An SAT, ACT, Accuplacer, or TOEFL score
ENG 107 and 108: English for Foreign Students OR					determines placement into first-year composition
ENG 105: Advanced First-Year Composition or	3			Grade of C	courses ASU Math Placement Exam score determines
WAC 101: Intro to Academic Writing Complete 1 course from:	3			Grade of C	placement in Mathematics course
JUS 105: Introduction to Justice Studies (SB)					Complete First-Year Composition by end of semester
JUS elective	3			Grade of C	Complete Mathematical Studies (MA) by end of
Elective (recommend MAT prerequisite if needed)	3]			Complete Mathematical Studies (MA) by end of semester 3
Elective	3				Earn 2.50 ASU cumulative GPA recommended
Elective Academic Success Class or First Year Seminar	1				All freshmen are required to pass an academic success class and therefore must enroll in an
Academic Success Class of First Teal Schillian	1				Academic Success Cluster and/or a First-Year Seminar
TERM TWO: 16-30 CREDIT HOURS					
ENG 101 or 102: First-Year Composition and					Complete First-Year Composition by end of semester
ENG 107 or 108: English for Foreign Students or ENG 105: Advanced First-Year Composition	3			Grade of C	Complete Mathematical Studies (MA) by end of
Complete remaining course from:				Grade or c	semester 3
JUS 105: Introduction to Justice Studies (SB)	2			G 1 6G	Earn 2.50 ASU cumulative GPA recommended
JUS elective	3			Grade of C	
Natural Science-Quantitative (SQ)	4				
Humanities, Fine Arts, and Design (HU) and Awareness Area (C) MAT 142: College Mathematics (MA)	3			Grade of C	
TERM THREE: 31-45 CREDIT HOURS				Grade of C	
Complete one course from:	3			Grade of C	Complete First-Year Composition by end of semester
ENG 215 Strategies of Academic Writing (L) OR					3
ENG 216 Persuasive Writing on Public Issues (L) OR ENG 217 Writing Reflective Essays (L) OR					Complete Mathematical Studies (MA) by end of semester 3
ENG 218 Writing About Literature (L) OR					Earn 2.50 ASU cumulative GPA recommended
ENG 301 Writing for the Professions (L)					Completing one of the following courses is critical at
Elective	3				end of Term 4: ENG 215 Strategies of Academic Writing (L) OR
Humanities, Fine Arts, and Design (HU) and Awareness Areas (G)	3				ENG 216 Persuasive Writing on Public Issues (L) OR
Natural Science – Quantitative or General (SQ or SG)	4			G 1 00:000	ENG 217 Writing Reflective Essays (L) OR
Social and Behavioral Sciences (recommend JUS 200 Topics in Concepts & Issues of Justice) (SB)	3			Grade of C if JUS 200 taken	ENG 218 Writing About Literature (L) OR ENG 301 Writing for the Professions (L)
TERM FOUR: 46-60 CREDIT HOURS				200 taken	21 to bot withing for the Projessions (2)
JUS 301 Research in Justice Studies (SB)	3	\boxtimes		Grade of C	Completing one of the following courses is critical at
JUS 302 Basic Statistical Analysis in Justice Studies (CS)	3	⊠		Grade of C	end of Term 4:
JUS 303 Justice Theory	3	⊠		Grade of C	ENG 215 Strategies of Academic Writing (L) OR ENG 216 Persuasive Writing on Public Issues (L) OR
Historical Awareness (H) course	3				ENG 217 Writing Reflective Essays (L) OR
Elective	3				ENG 218 Writing About Literature (L) OR
TERM FIVE. 61.75 CREDIT HOURS					ENG 301 Writing for the Professions (L)
TERM FIVE: 61-75 CREDIT HOURS JUS 300-level course	3	\boxtimes		Grade of C	
Upper division related field or Discipline Specific Focus course	3			Grade of C	
Science & Society course	3			Grade of C	
Upper Division Literacy and Critical Inquiry (L)	3	⊠		Grade or C	
Elective	3				
TERM SIX: 76-90 CREDIT HOURS					
JUS 300-level course	3	\boxtimes		Grade of C	
JUS 400-level course	3			Grade of C	
Upper division related field or Discipline Specific Focus course	3	⊠		Grade of C	
Upper division Science & Society course	3	⊠		Grade of C	
Elective	3				
TERM SEVEN: 91-105 CREDIT HOURS					
JUS 400-level course	3	\boxtimes		Grade of C	
JUS 400-level course	3	\boxtimes		Grade of C	
Upper division related field or Discipline Specific Focus course	3	\boxtimes		Grade of C	
Elective	3				
Elective	3				

Major Map: Justice Studies - Bachelor of Science (B.S.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Course Subject and Title		Upper	Transfer	Minimum Grade	AUX 10X ID : AV
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	if Required	Additional Critical Requirements Notes
TERM EIGHT: 106-120 CREDIT HOURS J-4 JUS course (JUS 484 Internship recommended or if JUS 200					
completed earlier, upper division elective)	3			Grade of C	
Upper division related field or Discipline Specific Focus course	3	\boxtimes		Grade of C	
Upper division elective	3	\boxtimes			
Elective	3				

Graduation Requirements Summary:

Total Hours (120 minimum)	Total UD Hours (minimum 45)	Cumulative GPA (2.00 minimum)	Total Hrs at ASU (minimum 30)	Resident Credit for Academic Recognition (minimum 56)	Total Comm. College Hrs. (maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) 0
 - 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Mathematics – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

				anster Pathway: □TAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM ONE: 0-15 CREDIT HOURS	1115.	Division	Course/Grade	willing or ade it required	Additional Critical Requirement Potes
MAT 270: Calculus with Analytic Geometry I (MA)	4			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score
ENG 101 and 102: First-Year Composition OR					determines placement into first-year
ENG 107 and 108: English for Foreign Students OR	3			Crada of C	composition courses ASU Math Placement Exam score determines
ENG 105: Advanced First-Year Composition Second Language	4-5			Grade of C Grade of C	placement in Mathematics course
General Elective	3			Grade of C	Minimum 2.80 cumulative GPA in all critical courses
Academic Success Class or First Year Seminar	1				Minimum grade of C required in all MAT and
					STP classes; grade of B or better strongly
					correlated with timely graduation All freshmen must pass an academic success
					course and therefore must enroll in an Academic
					Success Cluster and/or a First-Year Seminar
TERM TWO: 16-30 CREDIT HOURS CSE 100: Principles of Programming with C++ (CS) OR					Minimum 2.80 cumulative GPA in all critical
CSE 110: Principles of Programming with Java (CS)	3			Grade of C	courses
ENG 101 or 102: First-Year Composition OR					Minimum grade of C required in all MAT and CTD I
ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3			Grade of C	STP classes; grade of B or better strongly correlated with timely graduation
MAT 271: Calculus with Analytic Geometry II	4			Grade of C	graduiter with timery graduition
Second Language	4-5			Grade of C	
Social & Behavioral Science (SB)	3			Grade of C	
TERM THREE: 31-45 CREDIT HOURS				,	
MAT 272: Calculus with Analytic Geometry III	4			Grade of C	First-year composition completed
MAT Elective	3			Grade of C	Minimum 2.80 cumulative GPA in all critical requirement courses
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the		_			Minimum grade of C required in all MAT and
US (C), Global Awareness (G) or Historical Awareness (H)	3			0 1 10	STP classes; grade of B or better strongly
Second Language	4-5			Grade of C	correlated with timely graduation
General Elective	3				
TERM FOUR: 46-60 CREDIT HOURS MAT 243: Discrete Mathematical Structures OR					Minimum 2.80 cumulative GPA in all critical
MAT 300: Mathematical Structures (L)	3			Grade of C	requirement courses
MAT 342: Linear Algebra OR	3			Condo of C	Minimum grade of C required in all MAT and STP classes; grade of B or better strongly
MAT 343: Applied Linear Algebra Social & Behavioral Science AND Cultural Diversity in the US (C),	3			Grade of C	correlated with timely graduation
Global Awareness (G) or Historical Awareness (H)	3				PHY 121/122 (SQ) advised for Natural Sciences
Natural Science Quantitative (SQ)	4				I semester 4, also fulfills related field If MAT 243 is taken in semester 4, must take
Second Language if necessary or Elective	4-5			Grade of C in Second Language	upper division Literacy in semester 6
TERM FIVE: 61-75 CREDIT HOURS	1 3			Language	
MAT 370: Intermediate Calculus OR					Minimum grade of C required in all MAT and
MAT 371: Advanced Calculus I	3			Grade of C	STP classes; grade of B or better strongly
Upper division Humanities, Fine Arts & Design (HU)	3				correlated with timely graduation Second Language requirement completed
Natural Science Quantitative (SQ) or General (SG)	4				- Second Language requirement completed
Literacy and Critical Inquiry (L)	3				
General Elective	2				
TERM SIX: 76-90 CREDIT HOURS Upper division MAT/STP (additional)course	3			Crade of C	Minimum grade of C required in all MAT and
Upper division MAT/STP (additional)course	3			Grade of C Grade of C	STP classes; grade of B or better strongly
Related field course	3			Grade of C	correlated with timely graduation
Upper division Humanities, Fine Arts & Design (HU) OR				Grade of C	
Social & Behavioral Science AND Cultural Diversity in the US (C),					
Global Awareness (G) OR Historical Awareness (H) Upper division Literacy and Critical Inquiry (L) OR	3				-
if MAT 300 completed take Upper division MAT/STP course	3	\boxtimes			
TERM SEVEN: 91-105 CREDIT HOURS					
Upper division MAT/STP (additional) course	3	\boxtimes		Grade of C	Minimum grade of C required in all MAT and CTD I will be seen to be
Upper division Related Field course	3	\boxtimes		Grade of C	STP classes; grade of B or better strongly correlated with timely graduation
Upper division Related Field course	3	\boxtimes		Grade of C	continue with timery gradianton
Upper division general elective	3	\boxtimes			
TERM EIGHT: 106-120 CREDIT HOURS				1	
Upper division MAT/STP (additional) course	3			Grade of C	Minimum grade of C required in all MAT and STP classes; grade of B or better strongly
Upper division Related Field course	3			Grade of C	correlated with timely graduation
Additional upper division course	3				
Upper division general elective	3		Ì		İ



Major Map: Mathematics – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Cumulative GPA (minimum 2.0)	Major GPA (2.000 Min.)	Hrs Resident Credit for Academic Recognition (56 minimum)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - 0 Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Mathematics – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None		Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
TERM ONE: 0-15 CREDIT HOURS	1113.	Division	Course/ Grade	required		
		_			An SAT, ACT, Accuplacer, or TOEFL score	
MAT 270: Calculus with Analytic Geometry I (MA) ENG 101 and 102: First-Year Composition OR	4			Grade of C	determines placement into first-year composition courses	
ENG 107 and 108: English for Foreign Students OR					ASU Math Placement Exam score determines	
ENG 105: Advanced First-Year Composition	3			Grade of C	placement in Mathematics course Minimum cumulative 2.80 GPA in all critical	
General Elective	3				courses	
					Minimum grade of C required in all MAT and STP classes; grade of B or better strongly	
General Elective	3				correlated with timely graduation	
					All freshmen must pass an academic success course and therefore must enroll in an Academic	
Academic Success Class or First Year Seminar	1				Success Cluster and/or a First-Year Seminar	
TERM TWO: 16-30 CREDIT HOURS	1	1				
Complete 1 course from: CSE 100: Principles of Programming with C++ (CS) OR					Minimum cumulative 2.80 GPA in all critical courses	
CSE 110: Principles of Programming with Java (CS)	3			Grade of C	Minimum grade of C required in all MAT and	
MAT 271: Calculus with Analytic Geometry II	4			Grade of C	STP classes; grade of B or better strongly correlated with timely graduation	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR					Correlated with timery graduation	
ENG 103: Advanced Pilst-Fear Composition OK ENG 107 or 108: English for Foreign Students	3			Grade of C		
Social & Behavioral Science AND Cultural Diversity in the US (C),	2					
Global Awareness (G) OR Historical Awareness (H) General Elective	3				-	
TERM THREE: 31-45 CREDIT HOURS	3					
MAT 272: Calculus with Analytic Geometry III	4			Grade of C	First-year composition completed	
CSE 205: Object Oriented Programming and Data Structures	3			Grade of C	Minimum cumulative 2.80 GPA in all critical	
Literacy and Critical Inquiry (L)	3				courses Minimum grade of C required in all MAT and	
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the	_				STP classes; grade of B or better strongly	
US (C), Global Awareness (G) OR Historical Awareness (H) General Elective	3				correlated with timely graduation	
TERM FOUR: 46-60 CREDIT HOURS	3					
MAT 300: Mathematical Structures (L)	3	\boxtimes		Grade of C	Minimum cumulative 2.80 GPA in all critical	
MAT 342: Linear Algebra OR					courses • Minimum grade of C required in all MAT and	
MAT 343: Applied Linear Algebra	3			Grade of C	STP classes; grade of B or better strongly	
Social & Behavioral Science (SB)	3				correlated with timely graduation	
Natural Science Quantitative (SQ) Upper division CLAS Science and Society	3			Grade of C	PHY 121/122 (SQ) advised for Natural Sciences semester 4, also fulfills related field	
TERM FIVE: 61-75 CREDIT HOURS	3			Grade of C		
MAT 371: Advanced Calculus I	3	\boxtimes		Grade of C	Minimum grade of C required in all MAT and	
MAT or STP (additional) course	3			Grade of C	STP classes; grade of B or better strongly correlated with timely graduation	
Natural Science Quantitative (SQ) or General (SG)	4				correlated with timery graduation	
Upper division Humanities, Fine Arts & Design (HU)	3	⊠				
Upper division general elective	3	\boxtimes				
TERM SIX: 76-90 CREDIT HOURS	_		ĺ		Minimum grade of C required in all MAT and	
Upper division MAT or STP (depth) course	3			Grade of C	STP classes; grade of B or better strongly	
MAT or STP (additional) course Upper division Humanities, Fine Arts & Design (HU) OR	3			Grade of C	correlated with timely graduation	
Social & Behavioral Science AND						
Cultural Diversity in the US (C), Global Awareness (G) OR Historical Awareness (H)	3	\boxtimes				
Upper division Related Field course	3	⊠		Grade of C		
Upper division CLAS Science and Society	3	⊠		Grade of C		
TERM SEVEN: 91-105 CREDIT HOURS						
Upper division MAT/STP (depth) course	3	⊠		Grade of C	Minimum grade of C required in all MAT and STR aleasay grade of R or better strongly.	
Upper division MAT/STP (advanced) course	3	⊠		Grade of C	STP classes; grade of B or better strongly correlated with timely graduation	
Upper division Related Field	3	\boxtimes		Grade of C	1	
General Elective	3				-	
General Elective	3					
TERM EIGHT: 106-120 CREDIT HOURS	2	1 73		Condo of C	Minimum grade of C required in all MAT and	
Upper division MAT/STP (advanced course	3			Grade of C	STP classes; grade of B or better strongly	
Upper division MAT/STP (additional) course General Elective	3			Grade of C	correlated with timely graduation	
Conoral Floativa	2				1	



Major Map: Mathematics – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Cumulative GPA (minimum 2.0)	Major GPA (2.000 Min.)	Hrs Resident Credit for Academic Recognition	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64
				(56 minimum)		maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS) Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0
 - 0
 - 0
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G)
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:



Major Map: Mathematics (Statistics) – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			☐ MAPP ☐ TAG ☐ ATP ☐ None ☐		Completed General Education: □AGEC □IGETC/CSUGE □None		
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes		
TERM ONE: 0-15 CREDIT HOURS				ı			
MAT 270. Calculus with Assalutic Commentum L(MA)	4			Grade of C	ASU 101 is for ASU freshman students only Not required of transfer students		
MAT 270: Calculus with Analytic Geometry I (MA) ENG 101 and 102: First-Year Composition OR	7			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score		
ENG 107 and 108: English for Foreign Students OR		_			determines placement into first-year		
ENG 105: Advanced First-Year Composition	3			Grade of C	composition courses ASU Math Placement Exam score determines		
					placement in Mathematics course		
Global Awareness (G)	3				Minimum cumulative 2.80 GPA in all critical		
					courses Minimum grade of C required in all MAT and		
					STP classes; grade of B or better strongly		
General Elective	3				correlated with timely graduation		
					All freshmen must pass an academic success course and therefore must enroll in an Academic		
Academic Success Class or First Year Seminar	1				Success Cluster and/or a First-Year Seminar		
TERM TWO: 16-30 CREDIT HOURS		_		!			
CSE 100: Principles of Programming with C++ (CS) OR					Minimum cumulative 2.80 GPA in all critical		
CSE 110: Principles of Programming with Java (CS)	3			Grade of C	courses		
MAT 271: Calculus with Analytic Geometry II	4			Grade of C	Minimum grade of C required in all MAT and STP classes; grade of B or better strongly		
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR					correlated with timely graduation		
ENG 105: Advanced First-Year Composition	3			Grade of C			
Social & Behavioral Science AND Cultural Diversity in the US (C),		_					
Global Awareness (G) OR Historical Awareness (H)	3						
General Elective	3						
TERM THREE: 31-45 CREDIT HOURS				0 1 60	First-year composition completed		
MAT 272: Calculus with Analytic Geometry III	4			Grade of C	Minimum cumulative 2.80 GPA in all critical		
CSE 205: Object Oriented Programming and Data Structures	3			Grade of C	courses		
STP 420: Introductory Applied Statistics	3			Grade of C	Minimum grade of C required in all MAT and STP alasses, and a of P or bottom strongly.		
Literacy and Critical Inquiry (L) Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the	3				STP classes; grade of B or better strongly correlated with timely graduation		
US (C) OR Historical Awareness (H)	3						
TERM FOUR: 46-60 CREDIT HOURS							
MAT 300: Mathematical Structures (L)	3	\boxtimes		Grade of C	Minimum cumulative 2.80 GPA in all critical		
MAT 342: Linear Algebra OR					courses Minimum grade of C required in all MAT and		
MAT 343: Applied Linear Algebra	3			Grade of C	STP classes; grade of B or better strongly		
STP 429: Experimental Statistics	3			Grade of C	correlated with timely graduation		
Social & Behavioral Science (SB)	3				PHY 121/122 (SQ) advised for Natural Sciences I semester 4, also fulfills related field		
Natural Science Quantitative (SQ)	4				1 semester 4, also runnis related field		
TERM FIVE: 61-75 CREDIT HOURS				0 1 10	Minimum cumulative 2.80 GPA in all critical		
MAT 371: Advanced Calculus I	3			Grade of C	courses		
STP 421: Probability Upper division Humanities, Fine Arts & Design (HU) OR	3	\boxtimes		Grade of C	Minimum grade of C required in all MAT and		
Social & Behavioral Science	3	\boxtimes			STP classes; grade of B or better strongly correlated with timely graduation		
Upper division CLAS Science and Society	3	\boxtimes		Grade of C	concluded with timery graduation		
General Elective	3						
TERM SIX: 76-90 CREDIT HOURS							
STP 427: Mathematical Statistics	3	\boxtimes		Grade of C	Minimum grade of C required in all MAT and		
MAT or STP (advanced) course	3			Grade of C	STP classes; grade of B or better strongly		
Natural Science Quantitative (SQ) or General (SG)	4				correlated with timely graduation		
Upper division CLAS Science and Society	3	\boxtimes		Grade of C			
Upper division Humanities, Fine Arts & Design (HU) OR							
Social & Behavioral Science	3	\boxtimes					
TERM SEVEN: 91-105 CREDIT HOURS	2			6 1 66	Minimum grade of C required in all MAT and		
Upper division MAT/STP (advanced) course	3			Grade of C	STP classes; grade of B or better strongly		
Related Field course	3			Grade of C	correlated with timely graduation		
Related Field course	4			Grade of C			
Upper division general elective	3						
General Elective	2						



Major Map: Mathematics (Statistics) – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM EIGHT: 106-120 CREDIT HOURS					
Upper division MAT or STP (advanced) course	3			Grade of C	Minimum grade of C required in all MAT and STP
Upper division Related Field course	3			Grade of C	classes; grade of B or better strongly correlated with timely graduation
General Elective	3				with timery graduation
General Elective	3				

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Cumulative GPA (minimum 2.0)	Major GPA (2.000 Min.)	Hrs Resident Credit for Academic Recognition (56 minimum)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Microbiology – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Tran	nsfer Pathway: TAG	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM ONE: 0-15 CREDIT HOURS					
CHM 113: General Chemistry I	4			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	determines placement into first-year composition courses • ASU Math Placement Exam score determines
MAT 251 (MA): Calculus for Life Sciences or MAT 170: Pre-calculus (if needed as a pre-requisite)	3			Grade of C	placement in Mathematics course All freshmen must pass an academic success course and therefore must enroll in an Academic
Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H) OR Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3				Success Cluster and/or First Year Seminar
Academic Success Class or First Year Seminar	1				
TERM TWO: 16-30 CREDIT HOURS				<u> </u>	
BIO 181: General Biology I OR	4			Grade of C	CHM 113 must be complete by end of term 2
BIO 182: General Biology II CHM 116: General Chemistry II	4			Grade of C	
CITAL LIO. OCHELAI CHEMISTI Y II	4			Grade of C	
ENG 101 and 102: First-Year Composition OR					
ENG 107 and 108: English for Foreign Students OR					
ENG 105: Advanced First-Year Composition	3			Grade of C	
Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3				
	3				
TERM THREE: 31-45 CREDIT HOURS BIO 181: General Biology I OR					Choose between the following combinations (8)
BIO 182: General Biology II	4			Grade of C	hrs): CHM 231/235 & BCH 361/367 OR
CHM 231 Elem Organic Chemistry & CHM 235 Laboratory OR	<u> </u>			Grade of C	CHM 233/237 & CHM 234/238
CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory	3/1				 Complete first-year composition requirement
	or 4			Grade of C	• CHM 116 must be complete by end of term 3
STP 226: Elements of Statistics OR	,			ClfC	
STP 231: Statistics for Life Science	3			Grade of C	
CLAS Science and Society	3			Grade of C	
TERM FOUR: 46-60 CREDIT HOURS	2			0 1 60	Choose between the following combinations (8)
MIC 220: Biology of Microorganisms	3			Grade of C	hrs): CHM 231/235 & BCH 361/367 OR
MIC 206: Microbiology Laboratory	1			Grade of C	CHM 233/237 & CHM 234/238
CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory OR CHM 231 Elem Organic Chemistry & CHM 235 Laboratory OR	3/1			Grade of C in CHM	
CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory, if CHM	or			231 & 235, 233 & 237,	
231/235 completed take	3			or 234/238	
General Elective					
Humanities, Fine Arts & Design (HU)	3				
Literacy and Critical Inquiry (L)	3				
TERM FIVE: 61-75 CREDIT HOURS					
BIO 340: General Genetics	4	\boxtimes		Grade of C	 Both MIC 302 and 401 must be completed for
MIC 302: Advanced Bacteriology Laboratory	2			Grade of C	Literacy & Critical Inquiry (L) credit
PHY 111: General Physics & PHY 113: Laboratory	3/1			Grade of C	
Upper Division CLAS Science and Society	3			Grade of C	
Upper division general elective or CHM 234 Gen Organic Chemistry II	3 or			Grade of C in CHM	
& CHM 238 Laboratory if CHM 233 and 237 is completed in term 4				Grade of C III CIII.I	
& CITIVI 238 Laboratory if CITIVI 233 and 237 is completed in term 4	3/1	⊠or □		233/237 or 234/238	
•		⊠or □		233/237 or 234/238	
TERM SIX: 76-90 CREDIT HOURS BCH: 361/367: Principles of Biochemistry/Laboratory					Choose between the following combinations (8)
TERM SIX: 76-90 CREDIT HOURS BCH: 361/367: Principles of Biochemistry/Laboratory OR if CHM 233/237 & 234/238 completed, take	3/1 3/1 or	⊠or □		233/237 or 234/238 Grade of C in BCH 361/367	hrs): CHM 231/235 & BCH 361/367 OR
TERM SIX: 76-90 CREDIT HOURS BCH: 361/367: Principles of Biochemistry/Laboratory OR if CHM 233/237 & 234/238 completed, take Upper division general elective	3/1 3/1 or 3	×		Grade of C in BCH 361/367	
TERM SIX: 76-90 CREDIT HOURS BCH: 361/367: Principles of Biochemistry/Laboratory OR if CHM 233/237 & 234/238 completed, take Upper division general elective PHY 112: General Physics & PHY 114: Laboratory	3/1 3/1 or			Grade of C in BCH	hrs): CHM 231/235 & BCH 361/367 OR
TERM SIX: 76-90 CREDIT HOURS BCH: 361/367: Principles of Biochemistry/Laboratory OR if CHM 233/237 & 234/238 completed, take Upper division general elective PHY 112: General Physics & PHY 114: Laboratory Complete one course from:	3/1 3/1 or 3	×		Grade of C in BCH 361/367	hrs): CHM 231/235 & BCH 361/367 OR
TERM SIX: 76-90 CREDIT HOURS BCH: 361/367: Principles of Biochemistry/Laboratory OR if CHM 233/237 & 234/238 completed, take Upper division general elective PHY 112: General Physics & PHY 114: Laboratory Complete one course from: MIC 421: Experimental Immunology (2)	3/1 or 3 3/1	×		Grade of C in BCH 361/367	hrs): CHM 231/235 & BCH 361/367 OR
TERM SIX: 76-90 CREDIT HOURS BCH: 361/367: Principles of Biochemistry/Laboratory OR if CHM 233/237 & 234/238 completed, take Upper division general elective PHY 112: General Physics & PHY 114: Laboratory Complete one course from:	3/1 or 3 3/1 1,			Grade of C in BCH 361/367 Grade of C	hrs): CHM 231/235 & BCH 361/367 OR
TERM SIX: 76-90 CREDIT HOURS BCH: 361/367: Principles of Biochemistry/Laboratory OR if CHM 233/237 & 234/238 completed, take Upper division general elective PHY 112: General Physics & PHY 114: Laboratory Complete one course from: MIC 421: Experimental Immunology (2) MIC 442: Bacterial Genetics Lab (1) MIC 446: Techniques in Molecular Biology/Genetics Lab (2) MIC 470: Bacterial Diversity & Systematics (4)	3/1 or 3 3/1 1, 2, 3	×		Grade of C in BCH 361/367	hrs): CHM 231/235 & BCH 361/367 OR
TERM SIX: 76-90 CREDIT HOURS BCH: 361/367: Principles of Biochemistry/Laboratory OR if CHM 233/237 & 234/238 completed, take Upper division general elective PHY 112: General Physics & PHY 114: Laboratory Complete one course from: MIC 421: Experimental Immunology (2) MIC 442: Bacterial Genetics Lab (1) MIC 446: Techniques in Molecular Biology/Genetics Lab (2) MIC 470: Bacterial Diversity & Systematics (4) MIC 484: Internship (3)	3/1 or 3 3/1 1,			Grade of C in BCH 361/367 Grade of C	hrs): CHM 231/235 & BCH 361/367 OR
TERM SIX: 76-90 CREDIT HOURS BCH: 361/367: Principles of Biochemistry/Laboratory OR if CHM 233/237 & 234/238 completed, take Upper division general elective PHY 112: General Physics & PHY 114: Laboratory Complete one course from: MIC 421: Experimental Immunology (2) MIC 442: Bacterial Genetics Lab (1) MIC 446: Techniques in Molecular Biology/Genetics Lab (2) MIC 470: Bacterial Diversity & Systematics (4) MIC 484: Internship (3) MIC 494: ST: Clinical Bacteriology Lab (3)	3/1 or 3 3/1 1, 2, 3			Grade of C in BCH 361/367 Grade of C	hrs): CHM 231/235 & BCH 361/367 OR
TERM SIX: 76-90 CREDIT HOURS BCH: 361/367: Principles of Biochemistry/Laboratory OR if CHM 233/237 & 234/238 completed, take Upper division general elective PHY 112: General Physics & PHY 114: Laboratory Complete one course from: MIC 421: Experimental Immunology (2) MIC 442: Bacterial Genetics Lab (1) MIC 446: Techniques in Molecular Biology/Genetics Lab (2) MIC 470: Bacterial Diversity & Systematics (4) MIC 484: Internship (3) MIC 494: ST: Clinical Bacteriology Lab (3) MIC 495: Undergraduate Research (2)	3/1 or 3 3/1 1, 2, 3 or 4			Grade of C in BCH 361/367 Grade of C	hrs): CHM 231/235 & BCH 361/367 OR
TERM SIX: 76-90 CREDIT HOURS BCH: 361/367: Principles of Biochemistry/Laboratory OR if CHM 233/237 & 234/238 completed, take Upper division general elective PHY 112: General Physics & PHY 114: Laboratory Complete one course from: MIC 421: Experimental Immunology (2) MIC 442: Bacterial Genetics Lab (1) MIC 446: Techniques in Molecular Biology/Genetics Lab (2) MIC 470: Bacterial Diversity & Systematics (4) MIC 484: Internship (3) MIC 494: ST: Clinical Bacteriology Lab (3)	3/1 or 3 3/1 1, 2, 3			Grade of C in BCH 361/367 Grade of C	hrs): CHM 231/235 & BCH 361/367 OR



Major Map: Microbiology - Bachelor of Science (B.S.)

,					
ollege o	of Liberal	Arts and	Sciences	Catalog Ye	ar: 2010-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
TERM SEVEN: 91-105 CREDIT HOURS	1110.	Bittolon	Course Grade	recance	Traditional Critical Requirement Porces	
MIC 360: Bacterial Physiology	4			Grade of C		
Upper division Major Elective	3	\boxtimes		Grade of C		
Complete one course from: MIC 421: Experimental Immunology (2) MIC 442: Bacterial Genetics Lab (1) MIC 446: Techniques in Molecular Biology/Genetics Lab (2) MIC 470: Bacterial Diversity & Systematics (4) MIC 484: Internship (3) MIC 494: ST: Clinical Bacteriology Lab (3) MIC 495: Undergraduate Research (2)	1, 2, 3 or 4	⊠		Grade of C		
Upper division general elective	3	\boxtimes				
Upper division general elective	3	\boxtimes				
TERM EIGHT: 106-120 CREDIT HOURS						
MIC 401: Research Paper	1	\boxtimes		Grade of C	Both MIC 302 and 401 must be completed for	
Upper division Major Elective	3	\boxtimes		Grade of C	Literacy & Critical Inquiry (L) credit. MIC 401 requires the completion of an individualized instruction form and meeting with	
Upper division Major Elective (Lab)	3	\boxtimes		Grade of C		
Upper division Major Elective	2	\boxtimes		Grade of C	a faculty member before the semester begins.	
Upper division General Elective	3	\boxtimes				
Upper division General Elective	3	\boxtimes				

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Cumulative GPA (minimum 2.0)	Major GPA (2.000 Min.)	Hrs Resident Credit for Academic Recognition (56 minimum)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA) 0
 - 0 Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:

· Humanities, Literacy and Critical Inquiry, Social Behavioral Sciences, and Science and Society courses are interchangeable in sequencing



Major Map: Molecular Biosciences and Biotechnology – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			□ MAPP □	ister Pathway: TAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title	Hrs.	Upper Division	Transfer Course/Grade		
(courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS	IIIS.	Division	Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
CHM 113: General Chemistry I	4			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score
ENG 101 and 102: First-Year Composition OR	7			Grade of C	determines placement into first-year composition courses
ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	ASÚ Math Placement Exam score determines placement in Mathematics course
PHY 111: General Physics & PHY 113: Laboratory	3/1			Grade of C	MAT 251 or equivalent to be completed by end of term 2 All freshmen must pass an academic success
Academic Success Class or First Year Seminar	1				course and therefore must enroll in an Academic Success Cluster and/or a First Year
Social & Behavioral Science (SB) and Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3				Seminar
TERM TWO: 16-30 CREDIT HOURS					
CHM 116: General Chemistry II or CHM 113: General Chemistry I if not complete in term 1	4			Grade of C	MAT 251 or equivalent to be completed by end of term 2
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	CHM 113 must be complete by end of term 2
MAT 251: Calculus for Life Sciences (MA)	3			Grade of C	
PHY 112: General Physics & PHY 114: Laboratory	3/1			Grade of C	
Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US	3				
(C), Global Awareness (G) or Historical Awareness (H)	_				
TERM THREE: 31-45 CREDIT HOURS CHM 231 Elem Organic Chemistry & CHM 235 Laboratory OR CHM 232 Crus Chemistry & CHM 237 Laboratory OR	3/1			Condo of C	Choose between the following combinations (8 bys) CHM 221/225 OR
CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory OR CHM 116: General Chemistry II if not complete in term 2				Grade of C	(8 hrs): CHM 231/235 OR CHM 233/237 & CHM 234/238
MBB 245: Principles of Cellular and Molecular Biology I Social & Behavioral Science (SB) and Cultural Diversity in the US (C),	4			Grade of C	 Complete first-year composition requirement CHM 116 must be complete by end of term 3
Global Awareness (G) or Historical Awareness (H)	3				
CLAS Science and Society	3			Grade of C	
TERM FOUR: 46-60 CREDIT HOURS					
MBB 247: Principles of Cellular and Molecular Biology II	4			Grade of C	Choose between the following combinations (8 hrs): CHM 231/235 OR
MIC 220: Biology of Microorganisms & MIC 206: Laboratory	3/1			Grade of C	CHM 233/237 & CHM 234/238
CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory OR CHM 231 Elem Organic Chemistry & CHM 235 Laboratory OR					
CHM 233 Gen Organic Chemistry I & CHM 237 Laboratory, if CHM	3/1			Grade of C in CHM 231	
231/235 completed take OR General Elective	or 3			& 235, 233 & 237, or 234 & 238	
Humanities, Fine Arts & Design (HU)	3			254 & 250	
TERM FIVE: 61-75 CREDIT HOURS					
MBB 343: Genetic Engineering and Society (L)	4	\boxtimes		Grade of C	MBB 484 or 499 requires the completion of
Choose from the following courses or combinations: MBB 484: Internship (minimum 3.3 GPA (3);					an individualized instruction form and meeting with a faculty member before the
MBB 499: Individualized Instruction (minimum GPA 3.0) (3) OR					semester begins. These are positions and
Upper division major elective	3 -5	\boxtimes		Grade of C	research experience secured by the student on their own.
BIO 340: General Genetics	4			Grade of C	then own
Upper division general elective or CHM 234 Gen Organic Chemistry II & CHM 238 Laboratory if CHM 233 and 237 is completed in term 4	3 or 3/1	⊠or □		Grade of C in CHM 233/237 or 234/238	
TERM SIX: 76-90 CREDIT HOURS					
BCH 361: Principles of Biochemistry & BCH 367: Laboratory	3/1	\boxtimes		Grade of C	MBB 484 or 499 requires the completion
MAT 351: Mathematical Methods for Genetic Analysis (CS) OR MAT/BIO/MBB 355: Computational Molecular Biology (CS)	3	\boxtimes		Crada of C	of an individualized instruction form and meeting with a faculty member before the
Choose from the following courses or combinations:	3			Grade of C	semester begins. These are positions and
MBB 484: Internship (minimum 3.3 GPA (3); MBB 499: Individualized Instruction (minimum GPA 3.0) (3) OR					research experience secured by the student on their own.
Upper division major elective	3-5	\boxtimes		Grade of C	on their own.
Upper division Humanities, Fine Arts & Design (HU) OR					
Social & Behavioral Science (SB)	3			C1fC	
Upper division CLAS Science and Society TERM SEVEN: 91-105 CREDIT HOURS	3	<u>~</u>		Grade of C	
MBB 490: Issues in Biotechnology	2	\boxtimes		Grade of C	
Upper division Major Elective if needed. If complete, then Upper					
Division General Elective	2-3			Grade of C	
Upper division general elective	3				
Upper division general elective	3				
Upper division general elective General elective	3				



Major Map: Molecular Biosciences and Biotechnology –

Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM EIGHT: 106-120 CREDIT HOURS					
MBB 491: Issues in Molecular Biosciences	2			Grade of C	
Upper division general elective	3				
Upper division general elective	3				
Upper division general elective	3				
Upper division general elective	3	\boxtimes			

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Cumulative GPA (minimum 2.0)	Major GPA (2.000 Min.)	Hrs Resident Credit for Academic Recognition (56 minimum)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Philosophy - Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

			Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None		Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
TERM ONE: 0-15 CREDIT HOURS					S
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR					An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition
ENG 105: Advanced First-Year Composition	3			Grade of C	courses
MAT 142: College Mathematics (MA)	3			Grade of C	ASU Math Placement Exam score determines placement in Mathematics course
Second Language	4			Grade of C	Complete Mathematical Studies (MA) by
Elective (recommend: PHI 1** - Any 3 hour 100 level PHI course)	3			Grade of C in PHI course	semester 4.
Elective	2				Complete all critical courses by the end of semester 4.
Academic Success Class or First Year Seminar	1				All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar Maintain 2.00 cumulative GPA in critical courses
TERM TWO: 16-30 CREDIT HOURS ENG 101 and 102: First-Year Composition OR					Maintain 2.00 cumulative GPA in critical courses
ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	Wantani 2.00 cumulative GFA in Critical courses
Second Language	4			Grade of C	
Natural Science-Quantitative (SQ)	4			Grade of C	
ivaturar Science-Quantitative (SQ)				Grade of C in PHI	
Elective (recommend: PHI 1** - Any 3 hour 100 level PHI course)	3			course	
Elective	3				
TERM THREE: 31-45 CREDIT HOURS				1	L. William D. Grand Co.
Computer/Statistics/Quantitative applications (CS)	3				Maintain 2.00 cumulative GPA in critical courses Complete First-Year Composition requirement:
Continue Second Language if necessary or Elective	4			Grade of C	ENG 101 & 102 OR ENG 107 & 108 or 105
Social and Behavioral Science (SB) and Cultural Awareness Area (C) Awareness Area – Global (G) - if needed	3				
Awareness Area – Globar (G) - II necucu	,			Grade of C in PHI	
Elective (recommend: PHI 1** - Any 3 hour 100 level PHI course)	3			course	
TERM FOUR: 46-60 CREDIT HOURS					
PHI 3001: Philosophical Argument and Exposition (L)	3	\boxtimes		Grade of C	Maintain 2.00 cumulative GPA in critical courses
Natural Science-Quantitative or General (SQ/SG)	4				Complete Mathematical Studies (MA) requirement.
Continue Second Language if necessary or Elective	4			Grade of C	- indianome.
Social and Behavioral Science (SB)	3				Open to Philosophy majors only; student must
Major Elective	3				meet with advisor prior to enrolling.
TERM FIVE: 61-75 CREDIT HOURS			i		
PHI 301: History of Ancient Philosophy (HU, H)	3			Grade of C	Complete second language.
PHI 312: Theory of Knowledge (HU) or PHI 314: Philosophy of Science (HU) OR					
PHI 316: Metaphysics (HU) or PHI 317: Philosophy of Mind (HU)	3	\boxtimes		Grade of C	
Upper Division Major Elective	3	\boxtimes			
Major Elective	3				
Elective	3				
TERM SIX: 76-90 CREDIT HOURS	1				
PHI 302: History of Modern Philosophy	3	⊠		Grade of C	Select one course from PHI 312 or PHI 314 and another one from PHI 316 or PHI 317.
PHI 305 ² : Ethical Theory (HU) OR PHI 335: History of Ethics (HU)	3	\boxtimes		Grade of C	
PHI 312: Theory of Knowledge (HU) or PHI 314: Philosophy of	,			Grade of C	² 305 has a prerequisite of PHI 105 or PHI 306.
Science (HU) OR				0 1 60	
PHI 316: Metaphysics (HU) or PHI 317: Philosophy of Mind (HU)	3			Grade of C	
Major Elective if needed, or Elective	3			Grade of C	
Literacy and Critical Inquiry (L)	3				
TERM SEVEN: 91-105 CREDIT HOURS PHI 400-Level ³	3	\boxtimes		Grade of C	³ The 400-level requirement is met by taking two
Upper Division Major Elective	3			Grade of C	courses from the list PHI 401: Rationalism, 402:
Upper Division Major Elective Upper Division Elective	3			Grade Of C	Empiricism, 403: Contemporary Analytic Philosophy, 413: Advanced Symbolic Logic, 420:
Upper Division Elective Upper Division Elective	3				Topics in Philosophy (420 may be taken multiple
					times.)

Major Map: Philosophy - Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Course Subject and Title		Upper	Transfer	Minimum Grade if	
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Required	Additional Critical Tracking Notes
TERM EIGHT: 106-120 CREDIT HOURS					
PHI 4**	3	\boxtimes		Grade of C	
Upper Division Major Elective	3			Grade of C	
Upper Division Elective	3	⊠			
Upper Division Elective	3	⊠			
Academic Success Class or First Year Seminar	1				

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0

 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:



Major Map: Physics Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None		Completed General Education: □AGEC □IGETC/CSUGE □None		
Course Subject and Title		Upper	Transfer				
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes		
TERM ONE: 0-15 CREDIT HOURS				0 1 60	An SAT ACT Accumlater or TOFFI score		
MAT 270: Calculus with Analytic Geometry I (MA) ENG 101 and 102: First-Year Composition OR	4			Grade of C	 An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year 		
ENG 105: Advanced First-Year Composition OR					composition courses		
ENG 107 and 108: English for Foreign Students	3			Grade of C	ASU Math Placement Exam score determines placement in Mathematics course		
Academic Success Class or First Year Seminar	1				Maintain 2.6 cumulative GPA in all critical		
Humanities, Fine Arts & Design (HU) and Cultural Diversity in the	2				courses		
US (C) or Historical Awareness (H)	3				• PHY 121/122 and 131/132 (or other equivalents)		
					may be used in place of PHY 150 and 151, respectively		
					All freshmen must pass an academic success		
		_			course and therefore must enroll in an Academic		
CHM 113: General Chemistry I (SQ)	4			Grade of C	Success Cluster or First Year Seminar		
TERM TWO: 16-30 CREDIT HOURS	4			C	All critical courses must be completed by the		
MAT 271: Calculus with Analytic Geometry II (MA)				Grade of C	end of semester 4		
PHY 150: Physics I (SQ)	4			Grade of C	Maintain 2.6 cumulative GPA in all critical		
Second Language ENG 101 and 102: First-Year Composition OR	4			Grade of C	requirement courses • PHY 121/122 and 131/132 (or other equivalents)		
ENG 101 and 102. Prist-Teal Composition OR ENG 105: Advanced First-Year Composition OR					may be used in place of PHY 150 and 151,		
ENG 107 and 108: English for Foreign Students	3			Grade of C	respectively		
TERM THREE: 31-45 CREDIT HOURS							
MAT 272: Calculus with Analytic Geometry III	4			Grade of C	First-year composition completed.		
PHY 151: Physics II (SQ)	4			Grade of C	All critical courses must be completed by the end of semester 4		
Second Language	4			Grade of C	Maintain 2.6 cumulative GPA in all critical		
Social & Behavioral Science (SB) AND Global Awareness (G)	3				courses		
					• PHY 121/122 and 131/132 (or other equivalents) may be used in place of PHY 150 and 151,		
General Elective	3				respectively		
TERM FOUR: 46-60 CREDIT HOURS					, ,		
PHY 252: Physics III	4			Grade of C	All critical courses must be completed by the		
PHY 201: Mathematical Methods in Physics I (CS)	3			Grade of C	end of semester 4 • Maintain 2.6 cumulative GPA in all critical		
Social & Behavioral Science (SB)	3				courses		
Humanities, Fine Arts & Design (HU)					• PHY 121/122 and 131/132 (or other equivalents)		
and Cultural Diversity in the US (C) or Historical Awareness (H)	3				may be used in place of PHY 150 and 151,		
					respectively • A grade of C must be earned in the 4 th semester		
Second language (if needed or general elective)	4			Grade of C	language course (usually 202).		
TERM FIVE: 61-75 CREDIT HOURS							
PHY 302: Mathematical Methods in Physics II	3	\boxtimes		Grade of C	A grade of C must be earned in the 4 th semester		
PHY 310: Classical Particles, Fields, and Matter I	3	\boxtimes		Grade of C	language course (usually 202).		
PHY 314: Quantum Physics I	3	\boxtimes		Grade of C			
Upper division Humanities, Fine Arts & Design (HU) OR							
Social & Behavioral Science (SB)	3						
Second Language (if needed) or General Elective	4						
TERM SIX: 76-90 CREDIT HOURS	2	⊠		0 1 60	PHY Breadth Course must be approved by		
PHY 311: Classical Particles, Fields, and Matter II	3			Grade of C	Physics advisor.		
PHY Upper Division Breadth course	3			Grade of C			
General Elective	3						
Literacy and Critical Inquiry (L)	3						
Upper division elective TERM SEVEN: 91-105 CREDIT HOURS	3	\Bar{\Bar{\Bar{\Bar{\Bar{\Bar{\Bar{					
PHY Upper Division Breadth course	3	M		Crada of C	PHY Breadth Course must be approved by		
**				Grade of C	Physics advisor.		
Upper Division Elective	3						
Upper Division Elective	3						
Upper division elective	3						
General Elective	3						
TERM EIGHT: 106-120 CREDIT HOURS	2						
Upper Division Elective	3						
Upper division Literacy and Critical Inquiry (L)	3						
Upper division elective	3						
Upper division elective	3	\boxtimes					



Major Map: Physics Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Cumulative GPA (minimum 2.0)	Major GPA (2.000 Min.)	Hrs Resident Credit for Academic Recognition (56 minimum)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:

 o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0
 - 0
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

There is room in this roadmap to add a concurrent degree, minor or certificate.



Major Map: Physics – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Transfer Pathway: □ MAPP □TAG □ATP □None		Completed General Education: □AGEC □IGETC/CSUGE □None		
Course Subject and Title		Upper	Transfer	Minimum Grade if			
(courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes		
MAT 270: Calculus with Analytic Geometry I (MA)	4			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score		
ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	determines placement into first-year composition courses • ASU Math Placement Exam score determines		
Academic Success Class or First Year Seminar	1			Grade of C	placement in Mathematics course Maintain 2.6 cumulative GPA in all critical		
Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C) or Historical Awareness (H)	3				 Maintain 2.6 cumulative GPA in all critical courses PHY 121/122 and 131/132 (or other equivalents) 		
					may be used in place of PHY 150 and 151, respectively • All freshmen must pass an academic success course and therefore must enroll in an Academic		
Social & Behavioral Science (SB)	3				Success Cluster or First Year Seminar		
TERM TWO: 16-30 CREDIT HOURS MAT 271: Calculus with Analytic Geometry II	4	П		Grade of C	All critical courses must be completed by the end		
PHY 150: Physics I (SQ)	4			Grade of C	of semester 4		
Humanities, Fine Arts & Design (HU) and Cultural Diversity in the	4	ш		Grade of C	Maintain 2.6 cumulative GPA in all critical requirement courses		
US (C) or Historical Awareness (H)	3				PHY 121/122 and 131/132 (or other equivalents)		
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	may be used in place of PHY 150 and 151, respectively		
TERM THREE: 31-45 CREDIT HOURS	J 3			Grade Of C			
MAT 272: Calculus with Analytic Geometry III	4			Grade of C	First-year composition completed.		
PHY 151: Physics II (SQ)	4			Grade of C	All critical courses must be completed by the end of semester 4		
CLAS Science and Society	3			Grade of C	Maintain 2.6 cumulative GPA in all critical		
General Elective	3				courses		
					PHY 121/122 and 131/132 (or other equivalents) may be used in place of PHY 150 and 151,		
Social & Behavioral Science (SB) AND Global Awareness (G)	3				respectively		
TERM FOUR: 46-60 CREDIT HOURS							
PHY 252: Physics III	4			Grade of C	All critical courses must be completed by the end		
PHY 201: Mathematical Methods in Physics I	3			Grade of C	of semester 4 • Maintain 2.6 cumulative GPA in all critical		
PHY 334:Advanced Lab I	2	\boxtimes		Grade of C	courses		
Upper division Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB)	3	⊠			PHY 121/122 and 131/132 (or other equivalents) may be used in place of PHY 150 and 151,		
Upper division CLAS Science and Society	3			Grade of C	respectively • Students must choose one of two possible two-course sequences: PHY 333 and PHY 334 OR PHY 334 and PHY 465		
TERM FIVE: 61-75 CREDIT HOURS	2	NZ.		Condo of C	A second option is available to Physics majors.		
PHY 302: Mathematical Methods in Physics II PHY 310: Classical Particles, Fields, and Matter I	3			Grade of C Grade of C	See department advisor for a map of the B.S. in		
PHY 314: Quantum Physics I	3			Grade of C	Physics Option 2		
Upper division Elective	3			Grade of C	7		
General Elective	3						
TERM SIX: 76-90 CREDIT HOURS							
PHY 311: Classical Particles, Fields, and Matter II	3	\boxtimes		Grade of C	A second option is available to Physics majors. See A second option is available to Physics majors.		
PHY 315: Quantum Physics II	3	\boxtimes		Grade of C	See department advisor for a map of the B.S. in Physics Option 2		
PHY 333 Electronic Circuits and Measurements OR PHY 465: Advanced Lab II	3			Grade of C	Students must choose one of two possible two-		
Literacy and Critical Inquiry (L)	3			Grade of C	course sequences: PHY 333 and PHY 334 OR PHY 334 and PHY 465		
Upper division elective	3				1111 337 and 1111 403		
TERM SEVEN: 91-105 CREDIT HOURS							
PHY 412: Classical Particles, Fields, and Matter III OR	_			0.1.33	A second option is available to Physics majors.		
PHY 416: Quantum Physics III	3			Grade of C	See department advisor for a map of the B.S. in Physics Option 2		
General Elective	3			Grada of C	, <u>-</u>		
PHY 441: Statistical and Thermal Physics Upper division elective	3			Grade of C	┪		
General Elective	3				╡		
TERM EIGHT: 106-120 CREDIT HOURS	J 3						
PHY Upper Division Breadth Course	3	\boxtimes		Grade of C	A second option is available to Physics majors.		
Upper division Literacy and Critical Inquiry (L)	3			Sinde of C	See department advisor for a map of the B.S. in		
Upper division elective	3				Physics Option 2 • Students must choose one of two possible two-		
Upper division elective	3				course sequences: PHY 333 and PHY 334 OR		
· · · · · · · · · · · · · · · · · · ·	+		1	1	PHY 334 and PHY 465		



Major Map: Physics -**Bachelor of Science (B.S.)**

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hou minimum)	- (Total Hrs at ASU (30 minimum)	Cumulative GPA (minimum 2.0)	Major GPA (2.000 Min.)	Hrs Resident Credit for Academic Recognition (56 minimum)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) 0
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0

 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:

There is room in this roadmap to add a concurrent degree, minor or certificate.



Major Map: Political Science – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Transfer Pathway: □ MAPP □TAG □ATP □None		Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM ONE: 0-15 CREDIT HOURS	1115.	Division	Course/Grade	Required	Additional Critical Requirement Profes
Complete 1 course from: POS 110: Government and Politics (SB) or POS 150: Comparative Government (SB, G) or POS 160: Global Politics (SB, G) WAC 101: Introduction to Academic Writing or ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or	3			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines placement in mathematics course All freshmen are required to pass an academic success class and therefore must enroll in an
ENG 107 or 108: English for Foreign Students	3			Grade of C	Academic Success Cluster and/or a First-Year
MAT 142: College Mathematics (MA) or higher	3			Grade of C	Seminar Complete First-Year Composition requirement
Second language Academic Success Class or First-Year Seminar	4			Grade of C in 202	by the end of semester 3
Academic Success Class of First-1 ear Seminar	1				Complete math course requirement by end of semester 3 Consult with an advisor to determine second language proficiency and grade required.
TERM TWO: 16-30 CREDIT HOURS					
Complete 1 additional course from: POS 110: Government and Politics (SB) OR POS 150: Comparative Government (SB, G) or POS 160: Global Politics (SB, G) WAC 101: Introduction to Academic Writing or	3			Grade of C	Complete First-Year Composition requirement by the end of semester 3 Complete math course requirement by end of semester 3
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3			Grade of C	
Second language OR if language requirement completed, take elective	4			Grade of C if 202	
Natural Sciences-Quantitative (SQ)	4			Grade of C II 202	1
TERM THREE: 31-45 CREDIT HOURS					
POS 210: Political Ideologies (SB)	3			Grade of C	Complete First-Year Composition requirement
POS elective	3			Grade of C	 by the end of semester 3 Complete math course requirement by end of
Computer/Statistics/Quantitative applications (CS)	3				semester 3
Humanities, Fine Arts, and Design (HU) and Historical Awareness (H)	3			G 1 6G (6202	_
Second language OR if language requirement completed, take elective	4			Grade of C if 202	
TERM FOUR: 46-60 CREDIT HOURS					
Upper-division POS elective	3	⊠		Grade of C	Complete all critical courses by the end of semester 4
POS elective (recommend POS 230: Current Issues National Politics [L or SB] or	2				Complete math course requirement by end of semester
POS 260: Current Issues in International Politics [(L or SB) and G]) POS related field	3			Grade of C Grade of C	Choose related field course from courses with
Humanities, Fine Arts, and Design (HU)	3			Grade of C	following prefixes: AES, AFH, AFR, AFS, AIS, APA, ASB, ASM, COM, ECN, FAS, GCU,
Second language OR	3or 4			Grade of C if 202	GPH, HST,HIS, JUS, MIS, PGS, PHI, PSY,
if language requirement completed, take elective TERM FIVE: 61-75 CREDIT HOURS					REL, SGS, SOC, TCL, WSH, WST
POS 301: Empirical Political Inquiry (SB)	2			0 1 60	Choose related field course from courses with
POS related field course	3			Grade of C	following prefixes: AES, AFH, AFR, AFS, AIS,
POS related field course	3			Grade of C Grade of C	APA, ASB, ASM, COM, ECN, FAS, GCU, GPH, HST,HIS, JUS, MIS, PGS, PHI, PSY,
Literacy and Critical Inquiry (L) OR	_			Grade of C	REL, SGS, SOC, TCL, WSH, WST
if L completed, take general elective Natural Sciences-Quantitative (SQ) or Natural Sciences-General (SG)	3				-
	4				
TERM SIX: 76-90 CREDIT HOURS Upper-division POS elective (recommend POS 435: Women and					Choose related field course from courses with
Politics [SB, C] or POS 439: Minority Group Politics in America [SB, C])	3	\boxtimes		Grade of C	following prefixes: AES, AFH, AFR, AFS, AIS, APA, ASB, ASM, COM, ECN, FAS, GCU,
POS 484: Internship OR				Cools of C	GPH, HST,HIS, JUS, MIS, PGS, PHI, PSY,
upper-division POS elective POS related field course	3			Grade of C Grade of C	REL, SGS, SOC, TCL , WSH, WST
Upper-division general elective	3			Grade of C	1
General elective (must be upper division if 45 hours upper-division					1
coursework not yet met)	3]	



Major Map: Political Science - Bachelor of Arts (B.A.)

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College o	of Liberal A	Arts and S	Sciences	Catalo	g Year: 2010	-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM SEVEN: 91-105 CREDIT HOURS					
Upper-division POS elective (POS 498 [L] recommended)	3	\boxtimes		Grade of C	
POS 484: Internship OR Upper-division POS elective	3	\boxtimes		Grade of C	
Cultural Diversity in the U.S. (C) OR if C requirement completed, take elective	3				
Upper-division general elective	3	\boxtimes			
Upper-division general elective	3	\boxtimes			
TERM EIGHT: 106-120 CREDIT HOURS					
Upper-division Literacy and Critical Inquiry (L) OR if upper-division L requirement completed, take upper-division general					
elective	3				
Upper-division general elective	3	\boxtimes			
General elective (must be upper division if 45 hours upper-division coursework not yet met)	3				
General elective (must be upper division if 45 hours upper-division coursework not yet met)	3				
General elective (must be upper division if 45 hours upper-division coursework not yet met)	3				

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Community College Hrs
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) 0
 - 0 Social and Behavioral Sciences (SB)
 - Natural Sciences-Quantitative (SQ) 0
 - Natural Sciences-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

· There is room in the roadmap for a concurrent degree, minor or certificate



Major Map: Political Science – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Tran	sfer Pathway: □AG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
TERM ONE: 0-15 CREDIT HOURS	1115.	Division	Course/Grade	William Grade ii Required	Additional Critical Requirement Notes	
Complete 1 course from: POS 110: Government and Politics (SB) OR POS 150: Comparative Government (SB, G) or POS 160: Global Politics (SB, G)	3			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses ASU Math Placement Exam score determines	
WAC 101: Introduction to Academic Writing or ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3			Grade of C	Placement in Mathematics course All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First-Year	
MAT 142: College Mathematics or higher (MA)	3			Grade of C	Seminar	
Academic Success Class or First Year Seminar	1					
General Elective	3					
TERM TWO: 16-30 CREDIT HOURS Complete 1 additional course from: POS 110: Government and Politics (SB) OR POS 150: Comparative Government (SB, G) (or POS 160: Global Politics (SB, G)	3			Grade of C	Choose related field course from courses with following prefixes: AES, AFH, AFR, AFS, AIS, APA, ASB, ASM, COM, , ECN, FAS, GCU, GPH, HST,HIS, JUS, MIS, PGS, PHI,	
POS Related Field	3			Grade of C	PSY, REL, SGS, SOC, TCL,WSH, WST	
WAC 101: Introduction to Academic Writing or ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3			Grade of C		
Natural Science Quantitative (SQ)	4					
General Elective	3					
TERM THREE: 31-45 CREDIT HOURS		1				
POS 210: Political Ideologies (SB)	3			Grade of C	Complete First-Year Composition requirement by the end of semester 3	
POS Related Field	3			Grade of C	Complete Math course requirement by end of	
POS Elective	3			Grade of C	term 3	
Humanities, Fine Arts & Design (HU) and Historical Awareness (H)	3				 Choose related field course from courses with following prefixes: AES, AFH, AFR, AFS, 	
General Elective	3				AIS, APA, ASB, ASM, COM, ECN, FAS, GCU, GPH, HST,HIS, JUS, MIS, PGS, PHI, PSY, REL, SGS, SOC, TCL, WSH, WST	
TERM FOUR: 46-60 CREDIT HOURS	_					
POS Related Field POS elective	3			Grade of C	Complete all critical courses by the end of semester 4	
ros elective (recommend POS 230: Current Issues National Politics [L or SB] or POS 260: Current Issues in International Politics [G and L or SB])	3			Grade of C	 Choose related field course from courses with following prefixes: AES, AFH, AFR, AFS, 	
POS Related Field	3			Grade of C	AIS, APA, ASB, ASM, COM, ECN, FAS, GCU, GPH, HST,HIS, JUS, MIS, PGS, PHI,	
Natural Science Quantitative (SQ) or General (SG)	4				PSY, REL, SGS, SOC, TCL,WSH, WST	
Humanities, Fine Arts & Design (HU)	3					
TERM FIVE: 61-75 CREDIT HOURS						
POS 301: Empirical Political Inquiry (SB)	3			Grade of C	CLAS Science & Society Courses available at: http://clas.asu.edu/scienceandsociety	
Upper division General Elective	3	⊠			http://clas.asu.edu/scienceanusociety	
Upper division POS Elective	3	⊠		Grade of C		
Literacy & Critical Inquiry (L) OR If L completed take, General Elective	3					
Upper division CLAS Science and Society	3	⊠		Grade of C		
TERM SIX: 76-90 CREDIT HOURS				· 		
Upper division POS Elective (recommend POS 435: Women & Politics [SB, C] or POS 439: Minority Group Politics in America [SB, C])	3	⊠		Grade of C	CLAS Science & Society Courses available at: http://clas.asu.edu/scienceandsociety	
POS 484: Internship OR Upper division POS elective	3	⊠		Grade of C		
Upper division CLAS Science and Society	3	\boxtimes		Grade of C		
POS 401: Political Statistics (CS)	3	⊠		Grade of C		
General Elective	3					
-		_			· · · · · · · · · · · · · · · · · · ·	



Major Map: Political Science – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
TERM SEVEN: 91-105 CREDIT HOURS					
Upper division POS Elective (POS 498 [L] recommended)	3			Grade of C	
Cultural Diversity in the U. S. (C) OR If C requirement completed, take Elective	3				
Upper division General Elective	3	⊠			
Upper division General Elective	3	\boxtimes			
General Elective (must be upper division if 45 hours upper division coursework not met yet)	3				
TERM EIGHT: 106-120 CREDIT HOURS					
Upper division POS Elective:	3	\boxtimes		Grade of C	
Upper division Literacy and Critical Inquiry (L) OR If Upper division L requirement completed, take upper division General Elective	3	×			
Upper division General Elective	3	\boxtimes			
General Elective (must be upper division if 45 hours upper division coursework not met yet)	3				
General Elective	3				

Graduation Requirements Summary:

Total Hours (120 minimum)	Total UD Hours (minimum 45)			Resident Credit for Academic Recognition (minimum 56)	Total Comm. College Hrs. (maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L) Mathematical Studies (MA) 0

 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ)
 - 0 Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G)
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:

There is room in the major map for a concurrent degree, minor or certificate



Major Map: Psychology – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Transfer Pathway:		Completed General Education:		
Course Subject and Title	1	Upper	☐ MAPP ☐ Transfer	TAG ATP None Minimum Grade if	□AGEC □IGETC/CSUGE □None		
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes		
TERM ONE: 0-15 CREDIT HOURS			1	1			
Academic Success Class or First Year Seminar	1			Grade of C	 All freshmen must pass an academic success course and therefore must enroll in an Academ 		
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR					Success Cluster and/or a First Year Seminar		
ENG 107 and 108. English for Foreign Students OK ENG 105: Advanced First-Year Composition	3			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score determines placement into first year.		
MAT 170: Pre Calculus (MA)					determines placement into first-year composition courses		
(or pre-req based on Math Placement Exam score)	3			Grade of C	ALEKS Math Placement Exam score determines		
PGS 101:Introduction to Psychology (SB)	3			Grade of C	placement in Mathematics course		
Second Language	4						
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition If requirement is completed – Additional PGS/PSY course (Not from PGS 194, PGS 270) or General Elective MAT 170 Pre Calculus (MA) or If MAT 170 completed – General Elective Second Language, or if completed – General Elective	3 3 4			Grade of C Grade of C in Math course Grade of C	Complete First Year Composition by end of semester 3 See note 1 below in additional notes for Foundations of Behavior courses See note 3 for Additional Psychology (PGS/PSY) Courses		
Complete one course from : Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course General elective	3 3			Foundations of Behavior - Grade of C			
TERM THREE: 31-45 CREDIT HOURS			,				
PSY 230: Introduction to Statistics (CS)	3			Grade of C	First Year Composition completed by end of semester 3		
General Elective	1			Grade of C	See note 1 below in additional notes for		
Second Language or, if completed General Elective	4			Grade of C in Second Language	Foundations of Behavior courses		
Natural Science – Quantitative (SQ)	4						
Complete one additional course from : Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course	3			Grade of C in Foundations of Behavior course			
TERM FOUR: 46-60 CREDIT HOURS							
PSY 290: Research Methods (L)	4			Grade of C	See note 1 below in additional notes for Foundations of Behavior courses		
Complete one additional course from : • Humanities, Fine Arts & Design (HU) • Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) • Foundations of Behavior course	3			Grade of C in Foundations of Behavior course	See note 3 for Additional Psychology (PGS/PSY) Courses		
Second Language or, if completed, General Elective	4			Grade of C in Second Language			
Additional PGS/PSY course (Not from PGS 194, PGS 270) or General elective	3						
TERM FIVE: 61-75 CREDIT HOURS					a County I below in a III County		
Complete one Upper Division additional course from: Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course If requirement complete – Upper Division General Elective	3	⊠		Grade of C in Foundations of Behavior course	See note 1 below in additional notes for Foundations of Behavior courses See note 2 below for Breadth within Psychology courses		
Breadth within Psychology course	3	⊠		Grade of C	_		
Breadth within Psychology course	3	⊠		Grade of C	_		
Natural Science General (SQ) or Quantitative (SG)	4						
General Elective	3						



Major Map: Psychology – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
TERM SIX: 76-90 CREDIT HOURS						
Complete an Upper Division additional course from: • Humanities, Fine Arts & Design (HU) • Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) • Foundations of Behavior course If requirement complete – Upper Division General Elective	3	⊠		Grade of C in Foundations of Behavior course	See note 1 below in additional notes for Foundations of Behavior courses See note 2 below for Breadth within Psychology courses See note 3 for Additional Psychology (PGS/PSY) Courses	
Breadth within Psychology course	3	\boxtimes		Grade of C		
Breadth within Psychology course	3			Grade of C		
Additional PGS/PSY course – Upper Division	3			Grade of C		
Additional PGS/PSY course – Upper Division	3	⊠				
TERM SEVEN: 91-105 CREDIT HOURS						
Complete an Upper Division additional course from: • Humanities, Fine Arts & Design (HU) • Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) • Foundations of Behavior course If requirement complete – Upper Division General Elective	3			Grade of C in Foundations of Behavior course	See note 1 below in additional notes for Foundations of Behavior courses See note 3 for Additional Psychology (PGS/PSY) Courses Consult the class schedule for PGS/PSY courses to fulfill upper division literacy and critical	
Depth Within Psychology PGS/PSY course – 400 level	3	⊠		Grade of C	inquiry requirement.	
Depth Within Psychology PGS/PSY course – Upper Division	3	\boxtimes		Grade of C]	
Upper division Literacy & Critical Inquiry (L) or, if completed, Upper Division General Elective	3	⊠				
Upper Division General Elective	3	\boxtimes				
TERM EIGHT: 106-120 CREDIT HOURS						

Graduation Requirements Summary:

Complete an Upper Division additional course from :
• Humanities, Fine Arts & Design (HU)

Cultural Diversity in the U.S. (C), Global Awareness (G) OR

If requirement complete – Upper Division General Elective

General elective

General Elective

General Elective

General Elective

Historical Awareness (H) Foundations of Behavior course

Total Hours (120 minimum)	Total Hrs at ASU (30 hours minimum)	Hrs Resident Credit required for Academic Recognition (56)	Major GPA (2.000 Minimum)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

3

3

3

3

3

 \boxtimes

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General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - Natural Science Quantitative (SQ)
 - Natural Science General (SG)
 General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First Year Composition

Additional Notes:

- 1. Foundations of Behavior (12 hours required) related courses from any of the following prefixes: ASB, ASM, BIO, GCU, HPS, PHI, or SOC. NOTE: Students must complete a minimum of 6 hours of HU courses, three Awareness courses (C, G, and H) and 12 hours of Foundations of Behavior courses; however, with careful selection, courses may be used to fulfill more than one of these requirements.
- 2. Breadth within Psychology (Take 1 course each from 4 of the following 5 clusters (4 courses):
 - o Biological: PSY 325,
 - o Personality/Mental Health: PGS 315 or PGS 466,

Grade of C in

PGS/PSY course

- o Cognitive/Learning: PSY 320 or PSY 323 or PSY 324,
- Developmental: PGS 341,
- o Social: PGS 306 or PGS 350
- Depth within Psychology (Take 2 additional courses from the following list. At least one must be 400 – level)

PGS 306 PGS 315 PSY 320 PSY 323 PSY 324 PGS 344 PGS 350 or PGS 351* PGS 365 PGS 414 PSY 420* PSY 424* PSY 425* PSY 426 PSY 427 PGS 430 PSY 434* PSY 437* PGS 441* PGS 443* PGS 444 PGS 445 PGS 446* PGS 451* PGS 452* PGS 458 PGS 461 PGS 462 PGS 464 PGS 465 PGS 466 PGS 468 PGS 471 PGS 472 PSY 498 [BEH NEUROE] PSY 498 [MEMO AGING] PSY 498 [NEUR LEARN MEMO] PGS 498 [INTEL DISAB AUT FRAG] PGS 498 [HEAL PROM MINO POP] PGS 498 [PROM MINO POP] PGS 498 [PSYC ADDICT] PSY 498 [EMO STRES HEAL] PGS 498 [PSYC E-LEARGAM] PSY 498 [EMO STRES HEAL] PGS 498 [PSYC E-LEARGAM] PSY 498 [EMBO COGN] PSY 498 [DYNAM PSYCH] PSY 498 [PSY LANG] PGS 498 [HOM IMP CHILD DEV] PGS 498 [CULT PSYCH] PGS 498 [DIVER PSYCH WOM] PGS 498 [PSYCH EMOTIONS] *Satisfies upper division (L)

4. Additional Psychology Courses (Take 3 additional courses):

See note 1 below in additional notes for

Foundations of Behavior courses



Major Map: Psychology – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

- At least 2 MUST be upper division and 1 MAY be lower division (excluding PGS 194 and PGS 270)
- b. No more than 6 hours (total) from the following course list may be used to fulfill this requirement: PSY 390, PGS 394: Undergrad TA, PGS/PSY 399, PGS/PSY 484, PSY 492, PSY 493, PGS/PSY 499
- Upper Division Psychology Residency Requirement: 12 credit hours of PGS/PSY courses must be completed at the Tempe campus.
- 6. Minimum of 37 hours of Psychology (PGS/PSY) coursework must be taken.
- 7. There is room in this map to add a concurrent degree, minor, or certificate



Major Map: Psychology – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None		Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
TERM ONE: 0-15 CREDIT HOURS						
Academic Success Class or First Year Seminar	1			Grade of C	All freshmen must pass an academic success	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	course and therefore must enroll in an Academic Success Cluster and/or First Year Seminar • An SAT, ACT, Accuplacer, or TOEFL score	
MAT 251: Calculus for Life Sciences (MA) (or pre-req based on Math Placement Exam score)	3			Grade of C	determines placement into first-year composition courses	
PGS 101:Introduction to Psychology (SB)	3			Grade of C	ALEKS Math Placement Exam score	
Complete one course from:	,			Grade of C	determines placement in Mathematics course	
 Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. ©, Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course 	3			Foundations of Behavior – Grade of C	See Note 1 below in additional notes for Foundations of Behavior	
General Elective	3					
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 If requirement is completed - PGS/PSY course (Not from PGS 194, PGS 270)	3			Grade of C	First Year Composition completed by end of Term 3 See Note 1 below in additional notes for Foundations of Behavior	
MAT 251: Calculus for Life Sciences OR MAT 270 Calc 1 (MA) (or pre-req MAT 170: Pre calculus) or If MAT 251 completed - General Elective	3			MAT course - Grade of C		
Complete an additional course from: Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course	3			Foundations of Behavior — Grade of C		
Natural Science Quantitative (SQ)	4					
General Elective	2					
TERM THREE: 31-45 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 If requirement is completed – Additional PGS/PSY course (Not from PGS 194, PGS 270) or General Elective	3			Grade of C in MAT course	First Year Composition completed by end of Term 3 See Note 1 below in additional notes for Foundations of Behavior See Note 4 below in additional notes for	
MAT 251: Calculus for Life Sciences or MAT 270 Calculus with Analytic Geometry, If MAT 251 ore MAT 270 completed – General Elective	3			Grade of C	Additional Psychology Courses	
PSY 230: Introduction to Statistics (CS)	3			Grade of C		
Complete an additional course from: Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course	3			Foundations of Behavior – Grade of C		
Natural Science Quantitative (SQ) or General (SG)	4					
TERM FOUR: 46-60 CREDIT HOURS						
PSY 290: Research Methods (L)	4			Grade of C	See Note 1 below in additional notes for	
CLAS Science and Society	3			Grade of C	Foundations of Behavior CLAS Science and Society requirement:	
Complete an additional course from: Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course If requirement is completed – General Elective	3			Foundations of Behavior – Grade of C	CLAS Science and Society requirement: http://clas.asu.edu/scienceandsociety See Note 4 below in additional notes for Additional Psychology Courses	
Additional PGS/PSY Course (Not from PGS 194, PGS 270) or General Elective	3			Grade of C		
TERM FIVE: 61-75 CREDIT HOURS						
PSY 330 Statistical Methods	3	\boxtimes		Grade of C	See Note 1 below in additional notes for	
Breadth within Psychology	3	\boxtimes		Grade of C	Foundations of Behavior • See Note 2 below in additional notes for	
Breadth within Psychology	3	\boxtimes		Grade of C	appropriate Breadth within Psychology courses	
CLAS Science and Society - Upper Division	3	\boxtimes		Grade of C	 See Note 3 below in additional notes for 	
Complete an Upper Division additional course from: Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course	3			Foundations of Behavior – Grade of C	information on the Research and PSY 330 Statistical Methods requirement. • CLAS Science and Society requirement http://clas.asu.edu/scienceandsociety	



Major Map: Psychology – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
TERM SIX: 76-90 CREDIT HOURS			•	· ·	
Breadth within Psychology	3	\boxtimes		Grade of C	See Note 1 below in additional notes for
Breadth within Psychology	3	⊠		Grade of C	Foundations of Behavior
PGS/PSY 399/499: Supervised Research	3	⊠		Grade of C	See Note 2 below in additional notes for appropriate Breadth within Psychology courses
Depth within Psychology PGS/PSY Course – 400 level	3	⊠		Grade of C	See Note 3 below in additional notes for
Complete an Upper Division additional course from: Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course If requirement is completed – Upper Division General Elective	3	⊠		Grade of C	information on the Research and PSY 330 Statistical Methods requirement. • See Note 4 below in additional notes for Additional Psychology Courses
TERM SEVEN: 91-105 CREDIT HOURS					
Depth within Psychology PGS/PSY Course – upper division	3	\boxtimes		Grade of C	See Note 1 below in additional notes for
Upper division Literacy and Critical Inquiry (L) or, if completed, Upper Division General Elective	3	⋈			Foundations of Behavior • See Note 4 below in additional notes for
Complete an Upper Division additional course from: Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course If completed, Upper Division General Elective	3	⊠		Foundations of Behavior – Grade of C	Additional Psychology Courses Consult the course schedule for PGS/PSY courses to fulfill upper division literacy and critical inquiry requirement
General Elective	3				
General Elective	3				
TERM EIGHT: 106-120 CREDIT HOURS Complete an Upper Division additional course from: Humanities, Fine Arts & Design (HU) Cultural Diversity in the U.S. (C), Global Awareness (G) OR Historical Awareness (H) Foundations of Behavior course If requirement is completed – Upper Division General Elective	3	⊠			
Upper division General Elective	3	\boxtimes]
General Elective	3				1
General Elective	3				1
General Elective	3				1

Graduation Requirements Summary:

Total Hours (120	Total Hrs at ASU (30	Hrs Resident Credit required	Major GPA (2.000	Total UD Hrs (45	Total Comm. College
minimum)	hours minimum)	for Academic Recognition (56)	Minimum)	minimum)	Hrs. (64 maximum)

General University Requirements: Legend:

General Studies Core Requirements

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative applications (CS)
- Humanities, Fine Arts, and Design (HU)
- Social and Behavioral Sciences (SB)
- Natural Science Quantitative (SQ)
- Natural Science General (SG)

General Studies Awareness Requirements

- Cultural Diversity in the US (C)
- Global Awareness (G)
- Historical Awareness (H)

First Year Composition

Additional Notes:

- 1. Foundations of Behavior (12 hours required) related courses from any of the following prefixes: ASB, ASM, BIO, GCU, HPS, PHI, or SOC.

 Note: Students must complete a minimum of six hours of HU courses, three Awareness courses (C, G, and H) and 12 hours of Foundations of Behavior courses; however, with careful selection, courses may be used to fulfill more than one of these requirements.
- 2. Breadth within Psychology: Take 1 course each from 4 of the following 5 clusters (4 courses):
 - o Biological: PSY 325,
 - o Personality/Mental Health: PGS 315 or PGS 466,
 - o Cognitive/Learning: PSY 320 or PSY 323 or PSY 324,
 - o Developmental: PGS 341,
 - o Social: PGS 306 or PGS 350
- Depth within Psychology (Take 2 additional courses from the following list. At least one must be 400 level) PGS 306 PGS 315 PSY 320 PSY 323 PSY 324 PGS 344 PGS 350 or PGS 351* PGS 365 PGS 414 PSY 420* PSY 424* PSY 425* PSY 426 PSY 427 PGS 430 PSY 434* PSY 437* PGS 441* PGS 443* PGS 444 PGS 445* PGS 445* PGS 452* PGS 458 PGS 461 PGS 462 PGS 464 PGS 465 PGS 466 PGS 468 PGS 471 PGS 472 PSY 498 [BEH NEUROE] PSY 498 [MEMO AGING] PSY 498 [NEUR LEARN MEMO] PGS 498 [INTEL DISAB AUT FRAG] PGS 498 [HEAL PROM MINO POP] PGS 498 [PSYC ADDICT] PSY 498 [EMO STRES HEAL] PGS 498 [PSYC E-LEARGAM] PSY 498 [EMBO COGN] PSY 498 [DYNAM PSYCH] PSY 498 [PSY LANG] PGS 498 [HOM IMP CHILD DEV] PGS 498 [CULT PSYCH] PGS 498 [DIVER PSYCH WOM] PGS 498 [PSYCH EMOTIONS] *Satisfies upper division (L)
- 4. Additional Psychology Courses (Take 3 additional courses):
 - PSY 330 Statistical Methods
 - 3 credit hours of Research Experience: PSY 390, PGS/PSY 399, PGS/PSY 484, PSY 492, PSY 493, PGS/PSY 499
 - o 3 credit hours of PGS/PSY, excluding PGS 194 and PGS 270



Major Map: Psychology – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

- Upper Division Psychology Residency Requirement: 12 credit hours of PGS/PSY courses must be completed at the Tempe campus.
- Minimum of 37 hours of Psychology (PGS/PSY) coursework must be taken.
- There is room in this map to add a concurrent degree, minor, or certificate



Major Map: Religious Studies – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

				ansfer Pathway: □TAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
TERM ONE: 0-15 CREDIT HOURS	1115.	Division	Course/Grade	William Grade ii Required	Additional Critical Hacking Poles	
ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students	3			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses	
REL Elective 1**xx or 2* OR Humanities, Fine Arts and Design (HU)	3			Grade of C if REL course	ASU Math Placement Exam score determines placement in Mathematics course	
Natural Science – Quantitative or General (SQ/SG)	4			Course	All freshmen are required to pass an academic	
Foreign Language I:	4			Grade of C	success class and therefore must enroll in an	
Academic Success Class or First Year Seminar	1				Academic Success Cluster and/or a First Year Seminar Consult with academic advisor for Learning Community, Academic Success Clusters and First Year Seminar options Recommend 2.50 cumulative GPA in REL courses. Second Language: recommend French, German or language related to field of interest (Greek for Christian studies, Hebrew, Arabic, Spanish for Latin Americant Chizarast Chiza	
TERM TWO, 17 20 CREDIT HOURS					American, Chicano, etc)	
TERM TWO: 16-30 CREDIT HOURS ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students	3			Grade of C	Recommend 2.50 cumulative GPA in REL courses.	
REL 207: Ritual, Symbol, and Myth (L or HU)	3			Grade of C		
MAT 119 Finite Mathematics or higher (MA); MAT 142 College Mathematics recommended	3					
Foreign Language II:	4			Grade of C		
REL Elective 1**xx or 2* OR	3			Grade of C if REL		
Humanities, Fine Arts and Design (HU)	3			Grade of C II KEE		
TERM THREE: 31-45 CREDIT HOURS	4				Recommend 2.50 cumulative GPA in REL	
Natural Science - Quantitative (SQ)	3				courses.	
CSE 180: Computer Literacy or other (CS) Foreign Language III:	4			Grade of C	Complete First-Year Composition requirement: Complete First-Year Composition requirement:	
Social and Behavioral Sciences (SB) and Cultural Diversity Awareness(C), Global Awareness (G), or Historical Awareness (H):	3			Grade of C	ENG 101 & 102 OR ENG 107 & 108 or 105 • Complete MA requirement	
TERM FOUR: 46-60 CREDIT HOURS						
REL 307: Approaches to Religion	3	\boxtimes		Grade of C	Recommend 2.50 cumulative GPA in REL	
REL elective 2** or 3**	3			Grade of C	courses.	
Foreign Language IV:	4			Grade of C		
Social and Behavioral Sciences (SB) and Cultural Diversity Awareness(C), Global Awareness (G), or Historical Awareness (H):	3					
Social and Behavioral Sciences (SB) and Cultural Diversity Awareness(C), Global Awareness (G), or Historical Awareness (H):	3					
TERM FIVE: 61-75 CREDIT HOURS						
REL 3**	3	\boxtimes		Grade of C		
REL 3**	3	⊠		Grade of C		
Elective	3					
Elective	3					
Elective	3					
TERM SIX: 76-90 CREDIT HOURS REL 3**/4**: Theme/Tradition/Geo Area	3	\boxtimes		Grade of C	Theme/Tradition/Geo Area represents course	
REL 3**/4*: Theme/Tradition/Geo Area	3			Grade of C	work required for the major distribution area	
Elective	3			Grade of C	chosen by the student in consultation with the religious studies advisor	
Elective	3					
Elective	2					
TERM SEVEN: 91-105 CREDIT HOURS				·		
Upper Division Related Area	3	\boxtimes		Grade of C	Related Area represents required related field	
Upper Division Related Area	3	⊠		Grade of C	credit hours (15 hours) - chose from approved courses in POS, PHI, PGS, SOC, ASB, AFR,	
REL 3**/4**: Theme/Tradition/GeoArea	3			Grade of C	AFS, AIS, APA, HST, a third language, WST,	
Upper division Literacy and Critical Inquiry (L)	3				and other prefixes selected in consultation with the religious studies advisor	
Upper Division Elective	3	\boxtimes		1	101181040 01441001	



Major Map: Religious Studies - Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
TERM EIGHT: 106-120 CREDIT HOURS					
REL 405: Problems in Religious Studies	3	\boxtimes		Grade of C	Related Area – see tracking term seven notes
Upper division Related Area	3	\boxtimes		Grade of C	
Upper Division Related Area	3	\boxtimes		Grade of C	
Upper Division Related Area	3	\boxtimes		Grade of C	
Upper Division Elective	3				

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Russian – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Completed General Education: Competed Transfer Pathway: $\Box TAG$ □AGEC □IGETC/CSUGE □None \square MAPP $\Box ATP$ □None Course Subject and Title Upper Transfer Minimum Grade if Additional Critical Requirement Notes (courses in bold/shading are critical) Course/Grade Required **TERM ONE: 0-15 CREDIT HOURS** An SAT, ACT, Accuplacer, or TOEFL score RUS 101: Elementary Russian (or higher level RUS course depending on placement) Grade of C determines placement into first-year ENG 101 and 102: First-Year Composition OR composition courses ENG 105: Advanced First-Year Composition OR ASU Math Placement Exam score determines ENG 107 and 108: English for Foreign Students Grade of C placement in Mathematics course Minimum 2.33 GPA required in all critical MAT 142: College Mathematics or higher (MA) 3 Grade of C Social and Behavioral Sciences (SB) 3 All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Class or First Year Seminar Academic Success Cluster and/or a First Year **TERM TWO: 16-30 CREDIT HOURS** Minimum 2.33 GPA required in all critical **RUS 102: Elementary Russian** 4 Grade of C courses ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR Grade of C ENG 107 and 108: English for Foreign Students 3 Social and Behavioral Sciences (SB) 3 Historical Awareness (H) 3 3 Elective П **TERM THREE: 31-45 CREDIT HOURS** Minimum 2.33 GPA required in all critical RUS 201: Intermediate Russian (or higher) (G) Grade of C 4 П Grade of C RUS 211: Basic Russian Conversation (G) 3 Complete First-Year Composition Complete one course from: requirement: ENG 101 & 102 OR ENG 107 & SLC 201: Introduction to Linguistics (HU or SB) OR 108 or 105 SLC 202: Introduction to Literacy and Cultural Theory Grade of C Complete Mathematical Studies (MA) Natural Science-Quantitative (SQ) 4 Cultural Diversity in the US (C) 3 **TERM FOUR: 46-60 CREDIT HOURS** Minimum 2.33 GPA required in all critical RUS 202: Intermediate Russian (or higher) (G) 4 Grade of C courses. 3 \boxtimes RUS 212: Basic Russian Conversation (G) Grade of C Complete one course from: SLC 201: Introduction to Linguistics (HU or SB) OR Grade of C SLC 202: Introduction to Literacy and Cultural Theory П Natural Science-Quantitative (SQ) or General (SG) 4 **TERM FIVE: 61-75 CREDIT HOURS** Enroll in "IPO" study Abroad Program credits RUS 311: Russian Composition and Conversation (G) 3 \boxtimes Grade of C or listed courses RUS/ SLV 3** or 4** 3 \boxtimes Grade of C RUS Related Field (list in DARS) 3 Grade of C Literacy and Critical Inquiry (L) 3 Humanities, Fine Arts, and Design (HU) 3 П **TERM SIX: 76-90 CREDIT HOURS** Enroll in "IPO" study Abroad Program credits 3 RUS 312: Russian Composition and Conversation (G) \boxtimes Grade of C or listed courses RUS 3**/4** (Literacy) 3 \boxtimes Grade of C SLV 304: Computational Linguistics of Slavic Languages (CS) 3 Grade of C \boxtimes RUS Related Field (list in DARS) 3 Grade of C 2 \Box Elective TERM SEVEN: 91-105 CREDIT HOURS RUS 411: Advanced Composition and Conversation I (G) OR 3 \boxtimes Grade of C Enroll in "IPO" study Abroad Program credits RUS 412: Advanced Composition and Conversation II (G) or listed courses RUS/ SLV 3**/4** (select a course that also satisfies the Literacy and \boxtimes 3 Grade of C Critical Inquiry (L) requirement: 3 Ø Upper Division Elective Upper Division Elective 3 Ø Humanities, Fine Arts, and Design (HU) or Social and Behavioral 3 П Sciences (SB) **TERM EIGHT: 106-120 CREDIT HOURS** RUS 498: Pro- Seminar or SLV 498: Pro- Seminar 3 \boxtimes Grade of C Enroll in "IPO" study Abroad Program credits or listed courses SLC 400-level course 3 \boxtimes Grade of C Upper Division Elective 3 \boxtimes Upper Division Elective \boxtimes 3 Upper Division Elective 3 \boxtimes



Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

Minimum grade of "C" in all RUS, SLC and Related Fields courses. For information regarding related field courses go to: http://silc.asu.edu/undergraduate/majors-minors-certs

Russian is a flexible liberal arts major. Students must bear in mind that credits toward the major and minor can only be accumulated after completion of intermediate Russian. RUS 101, 102 or 111 are not major requirements, but demonstrated proficiency at or above the 202 level is required for enrollment in upper-division major requirement courses. A maximum of 6 hours from the Intermediate Russian language sequence (RUS 201: Intermediate Russian I and RUS 202: Intermediate Russian II) may be used toward major requirements. Students are strongly encouraged to contact an academic advisor regarding clarifications on course applicability.



Major Map: Sociology – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

			Competed Transfer Pathway: ☐ MAPP ☐ TAG ☐ ATP ☐ None		Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title	11	Upper	Transfer Course/Grade			
(courses in bold/shading are critical, concentration courses are underlined) TERM ONE: 0-15 CREDIT HOURS	Hrs	Division	Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses	
SOC 101: Introductory Sociology (SB) (transfer students take SOC 301: Principles of Sociology (SB)	3			Grade of C	ASU Math Placement Exam score determines placement in mathematics course	
Elective (math prerequisite if needed)	3				All freshmen are required to pass an academic	
Elective	3				success class and therefore must enroll in an	
Academic Success Class or First-Year Seminar	1				Academic Success Cluster and/or a First-Year Seminar	
TERM TWO: 16-30 CREDIT HOURS					Semma	
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3			Grade of C		
SOC 241: Modern Social Problems (SB) or SOC 270: Racial and Ethnic Relations (SB and C) or SOC 264: Gender and Society (L or SB) & C	3			Grade of C		
Related field course	3			Grade of C	1	
Humanities, Fine Arts, and Design (HU) and Cultural Diversity in the U.S. (C), Global Awareness (G) or Historical Awareness (H)	3					
Natural Science-Quantitative (SQ)	4					
TERM THREE: 31-45 CREDIT HOURS						
Sociology elective	3			Grade of C	First-year composition requirement must be	
MAT 142: College Mathematics (MA) or higher Humanities, Fine Arts, and Design (HU) and Cultural Diversity in the	3				• MA (MAT 142 or above) must be completed	
U.S. (C), Global Awareness (G) or Historical Awareness (H) Natural Science-Quantitative (SQ) or General (SG)	4				by the end of the third semester.	
Elective	3				-	
TERM FOUR: 46-60 CREDIT HOURS	3					
SOC 390: Social Statistics I (CS) or SBS 304 Social Statistics I (CS)	3			Grade of C		
Related field course with Social and Behavioral Sciences designation (SB)	3			Grade of C		
Literacy and Critical Inquiry (L)	3					
Elective	3					
Elective	3					
TERM FIVE: 61-75 CREDIT HOURS						
Related Field course	3			Grade of C	_	
Upper-division related field course	3			Grade of C	_	
Upper-division sociology elective	3			Grade of C Grade of C	4	
Science and Society Elective	3			Grade of C	-	
TERM SIX: 76-90 CREDIT HOURS	3					
SOC 391: Research Methods (L or SB) or	3			Grade of C		
SBS 303 Quantitative Methods Upper-division sociology elective	3			Grade of C	-	
LIA 394: Careers for CLAS	3			Grade of C	1	
Upper-division Science and Society	3			Grade of C	1	
Elective	3			Grade of C	1	
TERM SEVEN: 91-105 CREDIT HOURS						
SOC 483: History of Social Thought (SB) OR SOC 486: Contemporary Theory (SB)	3			Grade of C		
Upper-division sociology elective	3			Grade of C	1	
Upper-division Literacy and Critical Inquiry (L)	3				1	
Elective	3		1		1	
Elective	3				1	
TERM EIGHT: 106-120 CREDIT HOURS						
Upper-division sociology elective	3			Grade of C		
Upper-division Related field course	3			Grade of C]	
Upper-division elective	3	⊠]	
Upper-division elective	3]	
Upper-division elective	3]	



Major Map: Sociology -**Bachelor of Science (B.S.)**

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Community College Hrs
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) Social and Behavioral Sciences (SB) 0

 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition
- **Additional Notes:**



Major Map: Spanish – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

				nsfer Pathway:	Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper	Transfer			
TERM ONE: 0-15 CREDIT HOURS	HIS.	Division	Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
SPA 111: Fundamentals of Spanish (or higher level SPA course	4			Grade of C	An SAT, ACT, Accuplacer, or TOEFL	
depending on placement) ENG 101 and 102: First-Year Composition OR	3			Grade of C	score determines placement into first-year composition courses	
ENG 107 and 108: English for Foreign Students OR	3			Grade of C	ASU Math Placement Exam score	
ENG 105: Advanced First-Year Composition or					determines placement in Mathematics	
WAC 101: Intro to Academic Writing MAT 142: College Mathematics or higher (MA)	3			Grade of C	course SPA 111: Fundamentals of Spanish is	
Social and Behavioral Sciences (SB)	3			Grade of C	equivalent to SPA 101: Elementary Spanish	
Academic Success Class or First Year Seminar					and SPA 102: Elementary Spanish	
Academic Success Class of First Year Seminar	1				Minimum 2.33 GPA required in all critical courses.	
					All freshmen are required to pass an	
					academic success class and therefore must	
					enroll in an Academic Success Cluster and/or a First Year Seminar.	
TERM TWO: 16-30 CREDIT HOURS					did of a 1 not 1 out Semmar.	
SPA 201: Intermediate Spanish OR	4			Grade of C	Minimum grade of "C" in all SPA, SLC	
SPA 203: Intermediate Spanish for Bilinguals (or higher) (G) ENG 101 and 102: First-Year Composition OR	- 2			0.1.60	 and Spanish Related Fields courses. Minimum 2.33 GPA required in all critical 	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR	3			Grade of C	courses.	
ENG 105: Advanced First-Year Composition						
Social and Behavioral Sciences (SB)	3					
Awareness Area - Cultural (C)	3					
Awareness Area – Historical (H)	3					
TERM THREE: 31-45 CREDIT HOURS			1	0 1 60	A CHARLES AND A CHARLES	
SPA 202: Intermediate Spanish OR SPA 204: Intermediate Spanish for Bilinguals (or higher)	4			Grade of C	Minimum grade of "C" in all SPA, SLC and Spanish Related Fields courses.	
SLC 201: Introduction to Linguistics OR	3			Grade of C	Minimum 2.33 GPA required in all critical	
SLC 202: Introduction to Literacy and Cultural Theory (G)	1				 courses. Complete First-Year Composition 	
Natural Science-Quantitative (SQ) Humanities, Fine Arts, and Design (HU)	3				requirement: ENG 101 & 102 OR ENG 107	
Humanities, Fine Arts, and Design (HU)	3	Ш			& 108 or 105	
TERM FOUR: 46-60 CREDIT HOURS					A CHARLES AND A	
SPA 313: Spanish Conversation and Composition OR SPA 315: Spanish Conversation and Composition for Bilinguals (if					 Minimum grade of "C" in all SPA, SLC and Spanish Related Fields courses. 	
necessary or Upper Division Elective) (G)	3	\boxtimes		Grade of C	Minimum 2.33 GPA required in all critical	
SLC 201: Introduction to Linguistics OR	2			0 1 60	courses.	
SLC 202: Introduction to Literacy and Cultural Theory (G)	3			Grade of C		
Natural Science-Quantitative or General (SQ/SG) Computer/Statistics/Quantitative applications (CS) (SLV 304:	4					
Computational Linguistics of Slavic Languages recommended)	3					
Elective	4					
TERM FIVE: 61-75 CREDIT HOURS	,	,	1		A CONTRACTOR OF	
SPA 314: Spanish Conversation and Composition OR SPA 316: Spanish Conversation and Composition for Bilinguals (if					Minimum grade of "C" in all SPA, SLC and Spanish Related Fields courses.	
necessary or Upper Division Elective)	3	\boxtimes		Grade of C	Enroll in "IPO" Study Abroad Program	
SPA 325: Introduction to Hispanic Literature (HU)	3	\boxtimes		Grade of C	credits or listed courses	
Literacy and Critical Inquiry (L)	3					
Elective	3					
Elective	2					
TERM SIX: 76-90 CREDIT HOURS					Minimum and a 5%C" in all CDA CLC	
SPA 471: Advanced Conversation and Composition	3			Grade of C	Minimum grade of "C" in all SPA, SLC and Spanish Related Fields courses.	
SPA 471: Civilization of the Spanish Southwest or SPA 472: Spanish American Civilization or SPA 473: Spanish Civilization	3			Grade of C	Enroll in "IPO" Study Abroad Program	
SPA425: Spanish Literature	3			Grade of C	credits or listed courses See additional notes below for track courses	
SPA Track Course (list on page 2 and in DARS)	3	\boxtimes		Grade of C	see additional notes below for track courses	
SPA Track Course (list on page 2 and in DARS)	3	\boxtimes		Grade of C		
TERM SEVEN: 91-105 CREDIT HOURS						
SPA Track Course (list on page 2 and in DARS)	3	\boxtimes		Grade of C	Minimum grade of "C" in all SPA, SLC and Spanish Polated Fields courses	
SPA Track Course (list on page 2 and in DARS)	3	⊠		Grade of C	 and Spanish Related Fields courses. Enroll in "IPO" Study Abroad Program 	
SPA Track Course (list on page 2 and in DARS)	3			Grade of C	credits or listed courses	
SPA Track Course (list on page 2 and in DARS)	3			Grade of C	See additional notes below for track courses	
Upper Division Literacy and Critical Inquiry (L)	3	\boxtimes				



Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes
TERM EIGHT: 106-120 CREDIT HOURS					
SLC 400-level course or SPA 498: Pro- Seminar	3	\boxtimes		Grade of C	Minimum grade of "C" in all SPA, SLC and
SPA Track Course (list on page 2 and in DARS)	3	\boxtimes		Grade of C	Spanish Related Fields courses. • Enroll in "IPO" Study Abroad Program credits
SPA Track Course (list on page 2 and in DARS)	3	\boxtimes		Grade of C	or listed courses
SPA Track Course (list on page 2 and in DARS)	3	\boxtimes		Grade of C	See additional notes below for track courses
Humanities or Social Behavioral Sciences (if necessary) or Elective	3				

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)
	l		l		

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Minimum grade of "C" in all SPA and SLC courses. For information regarding related field courses go to: http://silc.asu.edu/undergraduate/majors-minors-certs

TRACK COURSES

Literature & Culture Track Courses:

SPA 400-level Literature & Culture Elective (complete two)

SPA 426: Spanish Literature,

SPA 427: Spanish American Literature,

SPA 428: Spanish American Literature or

SPA 464: Mexican American Literature (complete three)

SPA 429: Mexican Literature

SPA 485: Mexican-American Short Story

SPA 486: Mexican American Novel

SPA 487: Mexican0American Drama

One additional course from:

SPA 471: Civilization of the Spanish Southwest,

SPA 472: Spanish American Civilization or

SPA 473: Spanish Civilization

SPA 474: Mexican Culture

SPA 400-level elective or POR 4** (complete two)

Linguistic Track Courses:

SPA 400: Introduction to Spanish Linguistics,

SPA 413: Advanced Spanish Grammar,

SPA 417: Spanish Phonetics and Phonology, SPA 420: Applied Spanish Linguistics,

SPA 425: Spanish Literature,

SPA 426: Spanish Literature,

SPA 427: Spanish American Literature,

SPA 428: Spanish American Literature or

SPA 464: Mexican American Literature (complete one)

SPA 494: Language Variation,

SPA 494: Spanish Syntax

Upper division SPA/SLC Linguistics/Translation Course (complete two)

Spanish is a flexible liberal arts major. Students must bear in mind that credits toward the major and minor can only be accumulated after completion of intermediate Spanish. SPA 101, 102, 111, 201 or 202 are not major requirements, but demonstrated proficiency at or above the 202 level is required for enrollment in upper-division major requirement courses. Students are strongly encouraged to contact an academic advisor regarding clarifications on course applicability.



Major Map: Speech and Hearing Science – Bachelor of Science (B.S.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

				ISIET Pathway: FAG □ATP □None	□ Completed General Education: □ AGEC □ IGETC/CSUGE □ None
Course Subject and Title		Upper	Transfer	Minimum Grade if	Aller Torribation (No.
(courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS	Hrs.	Division	Course/Grade	Required	Additional Critical Requirement Notes
SHS 105: Introduction to Human Communication Disorders	3			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score
ENG 101 and 102: First-Year Composition OR				Grade of C	determines placement into first-year
ENG 107 and 108: English for Foreign Students OR	2			0 1 60	composition courses • ASU Math Placement Exam score determines
ENG 105: Advanced First-Year Composition	3			Grade of C	placement in Mathematics course
Historical Awareness (H) Academic Success Class or First Year Seminar (SHS 191	3				Maintain 2.8 cumulative GPA in critical courses
recommended)	1				All freshmen must pass an academic success course and therefore must enroll in an Academic
MAT prerequisite (if needed) OR General Elective	3				Success Cluster and/or a First-Year Seminar
TERM TWO: 16-30 CREDIT HOURS					
PGS 101: Introduction to Psychology (SB)	3			Grade of C	Maintain 2.8 cumulative GPA in critical courses
MAT 170: Precalculus (MA)	3			Grade of C	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR					
ENG 105: Advanced First-Year Composition	3			Grade of C	
Humanities, Fine Arts & Design (HU)	3				
Humanities, Fine Arts & Design (HU) or]			
Social & Behavioral Sciences (SB)	3				
TERM THREE: 31-45 CREDIT HOURS PSY 230: Introduction to Statistics (CS) or					First-year composition completed
STP 226: Elements of Statistics (CS)	3			Grade of C	Maintain 2.8 cumulative GPA in critical courses
Complete 1 course from:					
BIO 201: Human Anatomy/Physiology I (SG) PHY 101: Introduction to Physics (SO)	4			Grade of C	
SHS 250: Introduction to Physics (SQ)	3			Grade of C	
Global Awareness (G)	3			Grade of C	
General Elective	3				
TERM FOUR: 46-60 CREDIT HOURS	3				
Complete remaining course from:					MA (math requirement) completed
BIO 201: Human Anatomy/Physiology I (SG)	4]		0 1 60	Complete all critical requirement courses by the
PHY 101: Introduction to Physics (SQ)	3			Grade of C	end of semester 4 Maintain 2.8 cumulative GPA in critical courses
ENG 215: Strategies of Academic Writing (L) Cultural Diversity in the US (C)	3			Grade of C	
Humanities, Fine Arts & Design (HU)	3				
General Elective	3				
TERM FIVE: 61-75 CREDIT HOURS	3				
SHS 310: Anatomical and Physiological Bases of Speech	3	\boxtimes		Grade of C	
SHS 311: Physical and Physiological Bases of Hearing	3			Grade of C	
SHS 367: Language Science (SB)	3			Grade of C	
Upper division Literacy and Critical Inquiry (L)	3	\boxtimes			
General Elective	3				
TERM SIX: 76-90 CREDIT HOURS					
SHS 375: Speech Science	3	\boxtimes		Grade of C	
SHS 401: Introduction to Audiology	3	\boxtimes		Grade of C	
SHS 465: Speech and Language Acquisition	3	\boxtimes		Grade of C	
Upper division CLAS Science and Society	3	\boxtimes		Grade of C	
General Elective	3				
TERM SEVEN: 91-105 CREDIT HOURS					
General Elective	3	\boxtimes			
SHS 496: Aural Rehabilitation	3	\boxtimes		Grade of C	
SHS 470: Developmental Speech and Language Disorders	3	\boxtimes		Grade of C	
Upper division CLAS Science and Society	3	\boxtimes		Grade of C	
General Elective	3				
TERM EIGHT: 106-120 CREDIT HOURS					
SHS 485: Acquired Speech and Language Disorders	3	\boxtimes		Grade of C	
SHS 402: Clinical Methods and Treatment of Communication Disorders	3	\boxtimes		Grade of C	
Upper division General Elective	3			Grade or C	
Upper division General Elective	3				
General Elective	3				



Major Map: Speech and Hearing Science – Bachelor of Science (B.S.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition (56 minimum)	Major GPA (2.000 Min.)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:



Major Map: Transborder Chicana/o & Latina/o Studies (Media, Literature and Arts) –

Bachelor of Arts (B.A.)
College of Liberal Arts & Sciences | Catalog Year: 2010-2011

			Competed Trans	sfer Pathway:	Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirements Notes	
TERM ONE: 0-15 CREDIT HOURS	1115.	Division	Course/Grade	Required	Additional Critical Requirements (votes	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses	
Second language (must be Spanish (SPA) course*	4			Grade of C if SPA 202	ASU Math Placement Exam score determines placement in Mathematics course	
Humanities, Fine Arts, and Design (HU). Recommend TCL 101: Introduction to Transborder Chicana/o and Latina/o Studies (HU, C)	3			202	• 2.0 minimum cumulative ASU GPA required	
Elective	3				All freshmen must pass an academic success course and therefore must enroll in an Academic Success	
Academic Success Class or First Year Seminar	1				Cluster and/or a First Year Seminar Majors are expected to fulfill the College's language requirement in Spanish. In addition, all majors must demonstrate proficiency in Spanish by passing an upper division TCLS course taught in Spanish	
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			Grade of C	First-year composition requirement must be completed by end of term 3 2.0 minimum cumulative ASU GPA required	
Second language (must be Spanish (SPA) course*	4			Grade of C if SPA 202	1	
Humanities, Fine Arts, and Design (HU)	3					
Social and Behavioral Sciences (SB)	3				4	
Elective or course for a minor TERM THREE: 31-45 CREDIT HOURS	3					
TCL 201: Transborder Society & Culture I: Interdisc Approaches	3	\boxtimes		Grade of C	First-year Composition Completed	
Second language (must be Spanish (SPA) course* if needed, or Elective	4			Grade of C if SPA 202	2.0 minimum cumulative ASU GPA required	
MAT 142: College Mathematics (MA)	3					
Social & Behavioral Sciences (SB) AND, if not already completed, Global Awareness (G)	3					
Natural Science-Quantitative (SQ)	4				1	
TERM FOUR: 46-60 CREDIT HOURS						
TCL 202: Transborder Society & Culture II: Contemporary Issues					All critical courses must be completed by end of	
(SB & C) Second language (must be Spanish (SPA) course* if needed, or	3			Grade of C Grade of C if SPA	term 4 • 2.0 minimum cumulative ASU GPA required	
Elective	4			202	Spanish language proficiency completed	
Computer/Statistics/Quantitative applications (CS)	3				Must complete Spanish language proficiency by end of term 4	
Natural Science-Quantitative (SQ) or General (SG)	3				-	
Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS	3					
TCL 303: Transborder Theory	3	\boxtimes		Grade of C		
TCL 332: Mexican American History Since 1900 (SB, H, C)	3	⊠		Grade of C		
Concentration course	3	\boxtimes		Grade of C		
Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or	3					
Elective TERM SIX: 76-90 CREDIT HOURS	3	\boxtimes				
TCL 304: Transborder Research Methods	3			Grade of C		
Concentration course	3	⊠		Grade of C		
Concentration course	3	\boxtimes		Grade of C		
Concentration course	3	\boxtimes		Grade of C	1	
Upper division TCL or related field course	3	\boxtimes		Grade of C		
TERM SEVEN: 91-105 CREDIT HOURS TOL 205: Transharder Practicum & Field Recognity	2	M		Crado of C		
TCL 305: Transborder Practicum & Field Research Upper division TCL or related field course	3			Grade of C Grade of C	1	
Upper division TCL or related field course	3			Grade of C	1	
Concentration course	3	\boxtimes		Grade of C		
Upper division Elective or course for a minor	3	\boxtimes				
TERM EIGHT: 106-120 CREDIT HOURS TCL 498: Pro Seminar Capstone	3	\boxtimes		Grade of C		
Concentration Course	3			Grade of C	1	
Upper division Elective or course for a minor	3	⊠			1	
Upper division Elective or course for a minor	3	⊠			7	



Major Map: Transborder Chicana/o & Latina/o Studies

(Media, Literature and Arts) -

Bachelor of Arts (B.A.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - 0 Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C) 0
 - Global Awareness (G) 0
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:

Courses that fulfill concentration requirements:

Media, Literature and Arts

TCL 305 Transborder Practicum & Field Research (required) TCL 310 Transborder Chicano/a & Latino/a Folklore of

Southwest North America TCL 331 Mexican American History to 1900

TCL 350 Transborder Mexican & Chicano/a Artistic Production TCL 351 Transborder Chicano/a & Latino/a Art

TCL 352 Chicana/o Film

TCL 363 Transborder Mexican & Chicano/a Literature of Southwest North America

TCL 370 Signs of Aliens: Semiotics of Film & Popular Culture

TCL 464 Latina/o Literature TCL 465 Chicana/o & Latina/o History on Film

TCL 466 Constructing the Border on Film TCL 470 Race, Sex, & Identity Online

TCL 471 Latinos in Hollywood

TCL 485 Chicana & Latina Writers TCL 488 Border Global Narratives

Transborder Community Development & Health

TCL 305 Transborder Practicum & Field Research (required) TCL 321 Transborder Community Development & Health

(required) TCL 315 Chicana/o & Latina/o Family Structures

TCL 323 Latino Health Issues TCL 327 Health & Migration TCL 331 Mexican American History to 1900

TCL 410 Race, Medicine & the Body TCL 422 U.S.-Mexico Border Health

TCL 424Theory & Practice of Community Development &

Health

TCL 484 Internship

US & Mexican Regional Immigration Policy & Economy

TCL 305 Transborder Practicum & Field Research

TCL 314 Transborder Regional Immigration and

Economy (required)
TCL 315 Chicana/o and Latina/o Family Structures
TCL 331 TCL 331 Mexican American History to 1900
TCL 335 Historical Studies in Race, Crime, & the Law

TCL 340 Chicana/o & Latina/o Politics & Policy TCL 341 Policy Issues in Chicana/o & Latina/o Urban

Settings
TCL 342 Social Demographics of Latino Populations
TCL 443 Political Ecology of the Border

Section Production Production Productions Producti

TCL 444 The Ethnography of Mexican Border Rural

Settings TCL 484 Internship

There is room in this major map to add a concurrent degree, a minor or a certificate.



Major Map: Transborder Chicana/o & Latina/o Studies (Transborder Community Development & Health) – Bachelor of Arts (B.A.) College of Liberal Arts & Sciences | Catalog Year: 2010-2011

			Competed Tran ☐ MAPP ☐	sfer Pathway: ΓAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirements Notes
TERM ONE: 0-15 CREDIT HOURS	1110.	BIVISION	Course, Crade	minimum orace ii recquirec	Traditional Critical Recombine Protect
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses
Second language (must be Spanish (SPA) course*	4			Grade of C if SPA 202	ASU Math Placement Exam score determines
Humanities, Fine Arts, and Design (HU). Recommend TCL 101:	3				placement in Mathematics course • 2.0 minimum cumulative ASU GPA required
Introduction to Transborder Chicana/o and Latina/o Studies (HU, C) Elective	3				All freshmen are required to pass an academic
Licetive					success class and therefore must enroll in an Academic Success Cluster and/or a First Year
Academic Success Class or First Year Seminar	1				Majors are expected to fulfill the College's language requirement in Spanish. In addition, all majors must demonstrate proficiency in Spanish by passing an upper division TCLS course taught in Spanish
TERM TWO: 16-30 CREDIT HOURS ENG 101 and 102: First-Year Composition OR					First-year composition requirement must be
ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	completed by end of term 3 • 2.0 minimum cumulative ASU GPA required
Second language (must be Spanish (SPA) course*	4			Grade of C if SPA 202	·
Humanities, Fine Arts, and Design (HU)	3				
Social and Behavioral Sciences (SB)	3				
Elective or course for a minor	3				
TERM THREE: 31-45 CREDIT HOURS TCL 201: Transborder Society & Culture I: Interdisc Approaches	3	\boxtimes		Grade of C	First-year Composition Completed
Second language (must be Spanish (SPA) course* if needed, or	4				2.0 minimum cumulative ASU GPA required
Elective				Grade of C if SPA 202	
MAT 142: College Mathematics (MA) Social & Behavioral Sciences (SB) AND, if not already completed,	3				
Global Awareness (G)	3				
Natural Science-Quantitative (SQ)	4				
MEDIA POLID ACCO OR PRIMITATION					
TERM FOUR: 46-60 CREDIT HOURS					<u> </u>
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C)	3			Grade of C	All critical courses must be completed by end of term 4
TCL 202: Transborder Society & Culture II: Contemporary Issues	3			Grade of C Grade of C if SPA 202	
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS)	4				term 4 • 2.0 minimum cumulative ASU GPA required
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG)	4 3 4				term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L)	4				term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS	4 3 4 3			Grade of C if SPA 202	term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory	4 3 4				term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS	4 3 4 3			Grade of C if SPA 202 Grade of C	term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C)	4 3 4 3 3			Grade of C if SPA 202 Grade of C Grade of C	term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or	4 3 4 3 3 3 3 3 3			Grade of C if SPA 202 Grade of C Grade of C	term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective	4 3 4 3 3 3 3 3			Grade of C if SPA 202 Grade of C Grade of C	term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or	4 3 4 3 3 3 3 3			Grade of C if SPA 202 Grade of C Grade of C	term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS	4 3 4 3 3 3 3 3 3			Grade of C if SPA 202 Grade of C Grade of C Grade of C Grade of C	term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods	4 3 4 3 3 3 3 3 3 3 3 3 3 3			Grade of C if SPA 202 Grade of C	term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course Concentration course Concentration course	4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3			Grade of C if SPA 202 Grade of C	term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course Concentration course Concentration course	4 3 4 3 3 3 3 3 3 3 3 3 3 3			Grade of C if SPA 202 Grade of C	term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course Concentration course Concentration course Upper division TCL or related field course TERM SEVEN: 91-105 CREDIT HOURS	4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			Grade of C if SPA 202 Grade of C	term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course Concentration course Concentration course	4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3			Grade of C if SPA 202 Grade of C	term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course Concentration course Upper division TCL or related field course TERM SEVEN: 91-105 CREDIT HOURS TCL 305: Transborder Practicum & Field Research	4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			Grade of C if SPA 202 Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C	term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course Concentration course Concentration TCL or related field course TERM SEVEN: 91-105 CREDIT HOURS TCL 305: Transborder Practicum & Field Research Upper division TCL or related field course	4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			Grade of C if SPA 202 Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C	term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course Concentration course Concentration course Upper division TCL or related field course TERM SEVEN: 91-105 CREDIT HOURS TCL 305: Transborder Practicum & Field Research Upper division TCL or related field course	4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			Grade of C if SPA 202 Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C	term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course Concentration course Concentration course Upper division TCL or related field course TERM SEVEN: 91-105 CREDIT HOURS TCL 305: Transborder Practicum & Field Research Upper division TCL or related field course Upper division Elective or course for a minor TERM EIGHT: 106-120 CREDIT HOURS	4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			Grade of C if SPA 202 Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C	term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course Concentration course Concentration course Upper division TCL or related field course TERM SEVEN: 91-105 CREDIT HOURS TCL 305: Transborder Practicum & Field Research Upper division TCL or related field course Upper division TCL or related field course Concentration course Upper division TCL or related field course Upper division TCL or related field course Concentration course Upper division TCL or related field course Concentration course Upper division TCL or related field course Concentration course Upper division TCL or related field course Concentration course	4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C	term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB & C) Second language (must be Spanish (SPA) course* if needed, or Elective Computer/Statistics/Quantitative applications (CS) Natural Science-Quantitative (SQ) or General (SG) Literacy & Critical Inquiry (L) TERM FIVE: 61-75 CREDIT HOURS TCL 303: Transborder Theory TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course Upper division Literacy& Critical Inquiry (L) Upper division SPA course if needed or Elective TERM SIX: 76-90 CREDIT HOURS TCL 304: Transborder Research Methods Concentration course Concentration course Concentration course Upper division TCL or related field course TERM SEVEN: 91-105 CREDIT HOURS TCL 305: Transborder Practicum & Field Research Upper division TCL or related field course Upper division Elective or course for a minor TERM EIGHT: 106-120 CREDIT HOURS	4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			Grade of C if SPA 202 Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C Grade of C	term 4 • 2.0 minimum cumulative ASU GPA required • Must complete Spanish language proficiency by



Major Map: Transborder Chicana/o & Latina/o Studies (Transborder Community Development & Health) -Bachelor of Arts (B.A.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - Natural Science-General (SG) 0
- General Studies Awareness Requirements
- Cultural Diversity in the US (C)
 - 0
 - 0 Global Awareness (G)
 - Historical Awareness (H) 0
- First-Year Composition

Additional Notes:

Courses that fulfill concentration requirements:

Media, Literature and Arts

TCL 305 Transborder Practicum & Field Research (required) TCL 310 Transborder Chicano/a & Latino/a Folklore of Southwest North America

TCL 331 Mexican American History to 1900

TCL 350 Transborder Mexican & Chicano/a Artistic Production

TCL 351 Transborder Chicano/a & Latino/a Art

TCL 352 Chicana/o Film

TCL 363 Transborder Mexican & Chicano/a Literature of Southwest North America

TCL 370 Signs of Aliens: Semiotics of Film & Popular Culture

TCL 464 Latina/o Literature

TCL 465 Chicana/o & Latina/o History on Film

TCL 466 Constructing the Border on Film

TCL 470 Race, Sex, & Identity Online TCL 471 Latinos in Hollywood

TCL 485 Chicana & Latina Writers TCL 488 Border Global Narratives

Transborder Community Development & Health

TCL 305 Transborder Practicum & Field Research (required) TCL 321 Transborder Community Development & Health

(required)
TCL 315 Chicana/o & Latina/o Family Structures

TCL 323 Latino Health Issues
TCL 327 Health & Migration
TCL 331 Mexican American History to 1900

TCL 410 Race, Medicine & the Body TCL 422 U.S.-Mexico Border Health

TCL 424Theory & Practice of Community Development & Health

TCL 484 Internship

US & Mexican Regional Immigration Policy & Economy

TCL 305 Transborder Practicum & Field Research

TCL 314 Transborder Regional Immigration and

Economy (required) TCL 315 Chicana/o and Latina/o Family Structures

TCL 331 TCL 331 Mexican American History to 1900 TCL 335 Historical Studies in Race, Crime, & the Law

TCL 340 Chicana/o & Latina/o Politics & Policy
TCL 341 Policy Issues in Chicana/o & Latina/o Urban

Settings

TCL 342 Social Demographics of Latino Populations TCL 443 Political Ecology of the Border TCL 444 The Ethnography of Mexican Border Rural

Settings TCL 484 Internship

There is room in this major map to add a concurrent degree, a minor or a certificate.



Major Map: Transborder Chicana/o & Latina/o Studies (U.S. & Mexican Regional Immigration Policy & Economy)

- Bachelor of Arts (B.A.)
College of Liberal Arts & Sciences | Catalog Year: 2010-2011

			Competed Tran	nsfer Pathway: ΓAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title	TT	Upper Division	Transfer	Minimum Grade if	Additional Critical Requirements Notes	
(courses in bold/shading are critical) TERM ONE: 0-15 CREDIT HOURS	Hrs.	Division	Course/Grade	Required	Additional Critical Requirements Notes	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses.	
Second language (must be Spanish (SPA) course*	4			Grade of C if SPA 202	• ASU Math Placement Exam score determines	
Humanities, Fine Arts, and Design (HU) Recommend TCL 101:	3				placement in Mathematics course. • 2.0 minimum cumulative ASU GPA required	
Introduction to Transborder Chicana/o and Latina/o Studies (HU, C) Elective	2				All freshmen are required to pass an academic	
Academic Success Class or First Year Seminar	1				success class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar. • Majors are expected to fulfill the College's language requirement in Spanish. In addition, all majors must demonstrate proficiency in Spanish by passing an upper division TCLS course taught in Spanish.	
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			Grade of C	First-year composition requirement must be completed by end of term 3. 2.0 minimum cumulative ASU GPA required.	
Second language (must be Spanish (SPA) course)	4			Grade of C if SPA 202	- 2.0 minimum cumulative A30 Of A required.	
Humanities, Fine Arts, and Design (HU)	3					
Social and Behavioral Sciences (SB)	3					
Elective or course for a minor	3					
TERM THREE: 31-45 CREDIT HOURS						
TCL 201: Transborder Society & Culture I: Interdisc Approaches	3			Grade of C	First-year Composition Completed. 2.0 minimum cumulative ASU GPA required.	
Second language (must be Spanish (SPA) course* if needed, or Elective	4			Grade of C if SPA 202	2.0 minimum cumulative ASO GPA required.	
MAT 142: College Mathematics (MA)	3					
Social & Behavioral Sciences (SB) AND, if not already completed, Global Awareness (G)	3					
Natural Science-Quantitative (SQ)	4					
TERM FOUR: 46-60 CREDIT HOURS						
TCL 202: Transborder Society & Culture II: Contemporary Issues (SB, C)	3			Grade of C	All critical courses must be completed by end of term 4.	
Second language (must be Spanish (SPA) course if needed, or Elective	4			Grade of C if SPA 202	2.0 minimum cumulative ASU GPA required. Must complete Spanish language proficiency by	
Computer/Statistics/Quantitative applications (CS)	3				end of term 4.	
Natural Science-Quantitative (SQ) or General (SG)	4					
Literacy & Critical Inquiry (L)	3					
TERM FIVE: 61-75 CREDIT HOURS						
TCL 303: Transborder Theory	3			Grade of C		
TCL 332: Mexican American History Since 1900 (SB, H, C) Concentration course	3			Grade of C Grade of C		
Upper division Literacy& Critical Inquiry (L)	3			Grade of C		
Upper division SPA course if needed or Elective	3					
TERM SIX: 76-90 CREDIT HOURS						
TCL 304: Transborder Research Methods	3	\boxtimes		Grade of C		
Concentration course	3	\boxtimes		Grade of C		
Concentration course	3			Grade of C		
Concentration course	3			Grade of C		
Upper division TCL or related field course	3	\boxtimes		Grade of C		
TERM SEVEN: 91-105 CREDIT HOURS TCL 305; Transborder Practicum & Field Research	3	\boxtimes		Grade of C		
Upper division TCL or related field course	3			Grade of C		
Upper division TCL or related field course	3	\boxtimes		Grade of C		
Concentration course	3	⊠		Grade of C		
Upper division Elective or course for a minor	3	\boxtimes				
TERM EIGHT: 106-120 CREDIT HOURS						
TCL 498: Pro Seminar Capstone	3	\boxtimes		Grade of C		
Concentration Course	3	⊠		Grade of C		
Upper division Elective or course for a minor	3					
Upper division Elective or course for a minor	3	\boxtimes				



Major Map: Transborder Chicana/o & Latina/o Studies (U.S. & Mexican Regional Immigration Policy & Economy) - Bachelor of Arts (B.A.)

College of Liberal Arts & Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA) 0
 - Computer/Statistics/Quantitative applications (CS) 0
 - Humanities, Fine Arts, and Design (HU) 0
 - Social and Behavioral Sciences (SB) 0
 - Natural Science-Quantitative (SQ) 0
 - 0 Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G) 0
 - Historical Awareness (H)
- First-Year Composition

Additional Notes:

Courses that fulfill concentration requirements:

Media, Literature and Arts

Health

TCL 305 Transborder Practicum & Field Research (required) TCL 310 Transborder Chicano/a & Latino/a Folklore of Southwest North America

TCL 331 Mexican American History to 1900 TCL 350 Transborder Mexican & Chicano/a Artistic Production

TCL 351 Transborder Chicano/a & Latino/a Art

TCL 352 Chicana/o Film TCL 363 Transborder Mexican & Chicano/a Literature of

Southwest North America

TCL 370 Signs of Aliens: Semiotics of Film & Popular Culture TCL 464 Latina/o Literature

TCL 465 Chicana/o & Latina/o History on Film

TCL 466 Constructing the Border on Film

TCL 470 Race, Sex, & Identity Online

TCL 471 Latinos in Hollywood TCL 485 Chicana & Latina Writers

TCL 488 Border Global Narratives

Transborder Community Development &

TCL 305 Transborder Practicum & Field Research (required) TCL 321 Transborder Community Development & Health

(required) TCL 315 Chicana/o & Latina/o Family Structures TCL 323 Latino Health Issues

TCL 327 Health & Migration

TCL 331 Mexican American History to 1900 TCL 410 Race, Medicine & the Body

TCL 422 U.S.-Mexico Border Health TCL 424Theory & Practice of Community Development &

TCL 484 Internship

US & Mexican Regional Immigration Policy & Economy

TCL 305 Transborder Practicum & Field Research (required)
TCL 314 Transborder Regional Immigration and

Economy (required)
TCL 315 Chicana/o and Latina/o Family Structures

TCL 331 TCL 331 Mexican American History to 1900 TCL 335 Historical Studies in Race, Crime, & the Law

TCL 340 Chicana/o & Latina/o Politics & Policy

TCL 341 Policy Issues in Chicana/o & Latina/o Urban

Settings TCL 342 Social Demographics of Latino Populations

TCL 443 Political Ecology of the Border TCL 444 The Ethnography of Mexican Border Rural

Settings TCL 484 Internship

There is room in this roadmap to add a concurrent degree, a minor or a certificate.



Major Map: Urban Planning — Bachelor of Science in Planning (B.S.P.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

				ansfer Pathway: □TAG □ATP □None	Completed General Education: □AGEC □IGETC/CSUGE □None	
Course Subject and Title		Upper	Transfer			
(courses in bold/shading are critical)	Hrs.	Division	Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
TERM ONE: 0-16 CREDIT HOURS Academic Success Class or First Year Seminar	1				All freshmen must pass an academic success class	
ENG 101 and 102: First-Year Composition OR	3			Grade of C	and therefore must enroll in an Academic Success	
ENG 107 and 108: English for Foreign Students OR				Grade of C	Cluster and/or a First Year Seminar.	
ENG 105: Advanced First-Year Composition					An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition	
MAT 142: College Mathematics or higher (MA)	3			Grade of C	courses	
Humanities and Fine Arts (HU)	3				ASU Math Placement Exam score determines	
General Elective	3				placement in Mathematics course	
TERM TWO: 17-32 CREDIT HOURS						
ENG 101 and 102: First-Year Composition OR	3			Grade of C		
ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition						
PUP 190: Sustainable Cities ² (HU/SB, G)	3			Grade of C	1	
Natural Science – Quantitative (SQ)	4					
Social and Behavioral Sciences (SB)	3					
General Elective	3				-	
	,					
TERM THREE: 33-47 CREDIT HOURS PUP 200: The Planned Environment (HU, H)	3			Grade of C	Complete First-Year Composition requirement:	
Science and Society	3			Grade of C	ENG 101 & 102 OR ENG 107 & 108 or 105	
Natural Sciences Quantitative (SQ) or General (SG)	4			Grade of C	Complete MAT 142 or higher (MA) by the end of	
General Elective	3				term 3	
General Elective	3					
TERM FOUR: 48-61 CREDIT HOURS						
PUP 301: Introduction to Urban Planning (L)	3	\boxtimes		Grade of C		
Statistics (CS) (See the list in DARS)	3			Grade of C		
Upper Division Social and Behavioral Science or Humanities and Fine	3	\boxtimes				
Arts (SB, C or HU, C) General Elective	3				-	
General Elective	3				-	
TERM FIVE: 62-75 CREDIT HOURS	,					
PUP 361: Introductory Urban Planning Studio	4	\boxtimes		Grade of C		
PUP 424: Planning Methods	4			Grade of C		
Upper Division PUP Elective	3	\boxtimes		Grade of C		
General Elective	3					
Upper Division Science and Society	3			Grade of C	-	
TERM SIX: 76-89 CREDIT HOURS	,			Grade of C		
PUP 363: History of Planning	3	\boxtimes		Grade of C		
PUP 434: Urban Land Economics or PUP 442: Environmental	3	\boxtimes		Grade of C		
Planning Upper Division Related Field Course (See list in DARS)	3			Grade of C	-	
Upper Division General Elective	3			Grade of C	-	
Upper Division General Elective	3				-	
TERM SEVEN: 92-109 CREDIT HOURS	,					
PUP 432: Planning & Development Control Law or PUP 433: Zoning,	3			Grade of C		
Subdivision Regulations, Building Codes						
PUP 436: City Structure and Planning	3			Grade of C		
Upper Division PUP Elective	3			Grade of C		
Upper Division Related Field (See list in DARS)	3			Grade of C	-	
General Elective	3					
TERM EIGHT: 108-120 CREDIT HOURS Upper Division Related Field (See list in DARS)	3			Grade of C		
PUP 452: Ethics and Theory in Planning (L)				Grade of C	-	
PUP 462: Advanced Urban Planning Studio	3			Grade of C	-	
	3		<u> </u>		1	
Upper Division General Elective	- 3			I .	1	



Major Map: Urban Planning — Bachelor of Science in Planning (B.S.P.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(3.00 minimum for major)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

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

Additional Notes:

A concurrent degree, minor or certificate may be added.



Major Map: Women and Gender Studies – Bachelor of Arts (B.A.) College of Liberal Arts and Sciences | Catalog Year: 2010-2011

	Competed Transfer Pathway: □ MAPP □TAG □ATP □None		Completed General Education: □AGEC □IGETC/CSUGE □None			
Course Subject and Title (courses in bold/shading are critical, concentration courses are underlined)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
TERM ONE: 0-15 CREDIT HOURS	1115.	Division	Course/Grade	Кецинеи	Additional Critical Tracking Notes	
WST 100: Women and Society (SB, C)	3			Grade of C	An SAT, ACT, Accuplacer, or TOEFL score	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition MAT 142: College Mathematics or higher (MA)				Grade of C	determines placement into first-year	
					composition courses. • ASU Math Placement Exam score determines	
				Grade of C	placement in Mathematics course.	
Second language	4			Grade of C	All freshmen are required to pass an academic success class and therefore must enroll in an	
					Academic Success Cluster and/or a First Year	
					Seminar. • Complete First Year Composition requirement	
					by the end of term 3.	
And Jamin Common Class on First Wars Commission	1				Complete MAT requirement, MAT 119 or	
Academic Success Class or First Year Seminar TERM TWO: 16-30 CREDIT HOURS	1				higher by the end of term 3.	
ENG 101 and 102: First-Year Composition OR	3			Grade of C	Complete First Year Composition requirement	
ENG 107 and 108: English for Foreign Students OR					by the end of term 3.	
ENG 105: Advanced First-Year Composition WST Elective	3			Grade of C	Complete MAT requirement, MAT 119 or higher by the end of term 3. Selection of general studies courses (HU, SB, C	
Second language	4			Grade of C		
Computer/Statistics/Quantitative applications (CS)	3				C, H, L) will be determined by elective courses taken to fulfill the major.	
Humanities, Fine Arts, and Design (HU) and Global (G) or	3				taken to runni the major.	
Historical (H)						
TERM THREE: 31-45 CREDIT HOURS	3		1	Grade of C	Complete First-Year Composition requirement:	
Related Area	4	Ш		Grade of C	ENG 101 & 102 OR ENG 107 & 108 or 105.	
Natural Science – Quantitative or General (SQ/SG) Second Language Humanities, Fine Arts, and Design (HU):				Grade of C	Complete Mathematical Studies (MA)	
				Grade of C	requirement.Selection of general studies courses(HU, SB, G,	
Humanities, Fine Arts, and Design (110).					C, H) will be determined by elective courses	
Literacy and Critical Inquiry (L)					taken to fulfill the major.	
TERM FOUR: 46-60 CREDIT HOURS						
WST 380: Race, Gender and Class (SB, C)	3	\boxtimes		Grade of C	Selection of general studies courses(HU, SB, G,	
WST 377: History of American Feminist Thought (H, C) OR	3	\boxtimes		Grade of C	C, H) will be determined by elective courses taken to fulfill the major.	
WST 378: Global Feminist Theory (L, C, G) Natural Science – Quantitative (SQ)	4				- major	
Second Language	4			Grade of C	†	
Social Behavioral Science (SB) or General Elective	3				†	
TERM FIVE: 61-75 CREDIT HOURS						
Upper Division WST Elective	3	\boxtimes		Grade of C	Selection of general studies courses(HU, SB, G,	
Upper Division Related Area	3	\boxtimes		Grade of C	C, H) will be determined by elective courses taken to fulfill the major.	
Upper Division WST Elective	3	\boxtimes		Grade of C	taken to furnifi the major.	
General Elective	3					
General Elective	3					
TERM SIX: 76-90 CREDIT HOURS	3				A STATE OF THE STA	
Upper Division WST Elective Upper Division Related Area General Elective		\boxtimes		Grade of C	Selection of general studies courses(HU, SB, G, C, H) will be determined by elective courses	
				Grade of C	taken to fulfill the major.	
					See advisor for Related Course options.	
General Elective Upper Division General Elective	3				-	
TERM SEVEN: 91-105 CREDIT HOURS	J					
WST 484: Internship	3	\boxtimes		Grade of C	See advisor for Related Course options.	
Upper Division WST Elective	3			Grade of C	1	
Upper Division Related Area Upper Division Related Area		\boxtimes		Grade of C	1	
				Grade of C	1	
General Elective	3]	
TERM EIGHT: 106-120 CREDIT HOURS						
WST 498: Professional Seminar (L)	3			Grade of C		
WST 498: Professional Seminar (L) Upper Division General Elective	3			Grade of C		
				Grade of C		



Major Map: Women and Gender Studies – Bachelor of Arts (B.A.)

College of Liberal Arts and Sciences | Catalog Year: 2010-2011

Graduation Requirements Summary:

Total Hours	Total UD Hours	Cumulative GPA	Total Hrs at ASU	Resident Credit for Academic	Total Comm. College Hrs.
(120 minimum)	(minimum 45)	(2.00 minimum)	(minimum 30)	Recognition (minimum 56)	(maximum 64)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - o Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

A concurrent degree, minor or certificate may be added.