

Appendix A: Articulated Associate Degrees  
between  
Arizona Western College  
and  
Grand Canyon University

The following table is the list of Articulated Associate Degrees between Arizona Western College and Grand Canyon University (GCU). Students who complete a transfer-oriented associate degree (Associate of Arts or Associate of Science) may fulfill Grand Canyon University's General Education requirements. Students without a transfer-oriented degree (Associate of Applied Science) must fulfill the General Education requirements and have a course-by-course evaluation completed. Additional transfer policy information is located within GCU's University Policy Handbook.

Arizona Western College Degree	Grand Canyon University Degree
<b>Associate of Arts Degrees</b>	
• Associate of Arts	Any Bachelor of Arts or Bachelor of Science Program (excluding those with specific admissions criteria)
• Associate of Arts in Administration of Justice	Bachelor of Science in Justice Studies
• Associate of Arts in English	Bachelor of Arts in English Literature
• Associate of Arts in History	Bachelor of Arts in History
• Associate of Arts in Psychology/Sociology	Bachelor of Science in Psychology
• Associate of Arts in Psychology/Sociology	Bachelor of Science in Sociology
<b>Associate of Science Degrees</b>	
• Associate of Science in Biology	Bachelor of Science in Biology with an Emphasis in Pre-Physician Assistant
• Associate of Science in Biology	Bachelor of Science in Biology with an Emphasis in Pre-Medicine
• Associate of Science in Biology	Bachelor of Science in Biology with an Emphasis in Pre-Physical Therapy
• Associate of Science in Biology	Bachelor of Science in Biology with an Emphasis in Pre-Pharmacy
• Associate of Science in Chemistry	Bachelor of Science in Biology with an Emphasis in Pre-Physician Assistant
• Associate of Science in Chemistry	Bachelor of Science in Biology with an Emphasis in Pre-Medicine
• Associate of Science in Chemistry	Bachelor of Science in Biology with an Emphasis in Pre-Physical Therapy
• Associate of Science in Chemistry	Bachelor of Science in Biology with an Emphasis in Pre-Pharmacy
<b>Associate of Applied Science Degrees</b>	
• Associate of Applied Science in Nursing	Registered Nurse to Bachelor of Science in Nursing (RN to BSN)

Appendix B: Course-by-Course Transfer Guide  
between  
Arizona Western College  
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Grand Canyon University

The following table is the assessment of the courses between Arizona Western College and Grand Canyon University. The following will be used in evaluating official transcripts.

These courses fulfill the competency requirements; however, the courses may not fulfill the credit requirements. To obtain an undergraduate degree at GCU, students are required to meet a minimum of 120 semester credit hours.

<b>Arizona Western College Course Number</b>	<b>Arizona Western College Credits</b>	<b>GCU Course Equivalency</b>	<b>GCU Applied Semester Credits</b>
AJS 101: Introduction to Administration	3	JUS-104 Introduction to Justice Studies	3
AJS 109: Substantive Criminal Law	3	JUS-230: Fundamentals of Criminal Law	3
AJS 201: Criminal Justice	3	General Education: Global Awareness	3
AJS 299: Administration of Justice Studies Capstone	1	General Education: Global Awareness	1
AJS 210: Court Function	3	JUS-325: The Adjudication Function	3
AJS 225: Criminology	3	JUS-110: Crime and Criminology	3
AJS 230: Police Function	3	JUS-320: The Police Function	3
AJS 240: Corrective Function	3	JUS-330: The Correctional Function	3
AJS 260: Procedural Criminal Law	3	JUS-435: Criminal Procedure	3
ASL 101: American Sign Language 1	4	General Education: Effective Communication	4
ASL 102: American Sign Language 2	4	General Education: Effective Communication	4
ASL 201: Interm American Sign Language 1	4	General Education: Effective Communication	4
ASL 202: Interm American Sign Language 2	4	General Education: Effective Communication	4
ANT 100: Intro to Anthropology	3	General Education: Global Awareness	3
ANT 120: Intro to Archaeology and Prehistory	3	General Education: Global Awareness	3
ANT 140: Intro to Native American Studies	3	General Education: Global Awareness	3
ARH 141: Survey of World Art 1	3	General Education: Global Awareness	3
ARH 142: Survey of World Art 2	3	General Education: Global Awareness	3

Appendix B: Course-by-Course Transfer Guide

Arizona Western College Course Number	Arizona Western College Credits	GCU Course Equivalency	GCU Applied Semester Credits
ANT 130: Introduction to Cultural Anthropology	3	SOC-315: Cultural Anthropology	3
AST 100: Astronomy	4	General Education: Critical Thinking	4
AST 130: The Planets	4	General Education: Critical Thinking	4
BIO 100: Biology Concepts	4	BIO -100&BIO-100L: Biology Concepts	4
BIO 108: Plants and People	4	General Education: Critical Thinking	4
BIO 109: Natural History of the Southwest	4	General Education: Critical Thinking	4
BIO 145: Marine Biology	4	General Education: Critical Thinking	4
BIO 160: Intro to Anatomy and Physiology	4	BIO-155 & BIO-155L: Introduction to Anatomy and Physiology & Lab	4
BIO 181: General Biology (Majors) I	4	BIO-181&BIO-181L: General Biology I	4
BIO 182: General Biology (Majors) II	4	BIO-182&BIO-182L: General Biology II	4
BIO 205: Microbiology	4	BIO-205: Microbiology and BIO-205L	4
BIO 201: Anatomy and Physiology I	4	BIO-201&BIO-201L: Human Anatomy and Physiology I	4
BIO 202: Anatomy and Physiology I	4	BIO-202&BIO-202L: Human Anatomy and Physiology II	4
BIO 205: Microbiology	4	BIO 205&BIO-205L: Microbiology	4
BIO 234: Desert Biology	4	General Education: Critical Thinking	4
CHM 130: Fundamental Chemistry	4	CHM-101&CHM-101L: Introduction to Chemistry	4
CHM 151: General Chemistry	4	CHM-113&CHM-113L: General Chemistry I	4
CHM 152 General Chemistry II	4	CHM-115&CHM-115L: General Chemistry II-Lecture	4
CHM 235: Organic Chemistry I	5	CHM-231&CHM-231L: Organic Chemistry I	5
CHM 236: Organic Chemistry II	4	CHM-232&CHM-232L: Organic Chemistry II	4
CIS 105: Intro to Business Info Systems	3	General Elective	3
CIS 120: Intro to Computer Info Systems	3	General Elective	3
CIS 154: Intro to E-Commerce/E-Business	3	General Elective	3
ECE 240: Child Growth and Development	3	General Education: Global Awareness	3

Appendix B: Course-by-Course Transfer Guide

<b>Arizona Western College Course Number</b>	<b>Arizona Western College Credits</b>	<b>GCU Course Equivalency</b>	<b>GCU Applied Semester Credits</b>
ECN 240: Principles of Macroeconomics and ECN 250: Principles of Microeconomics	6	ECN-220: Introduction to Economics	6
ENG 101: Freshman Composition	3	ENG-105: English Composition I	3
ENG 102: Freshman Composition	3	ENG-106: English Composition II	3
ENG 170: Intro to the Literature of the Bible	3	General Education: Global Awareness	3
ENG 180: Literature of the American West	3	General Education: Global Awareness	3
ENG 185: Myths and Other Traditional Narratives	3	General Education: Global Awareness	3
ENG 186 Folklore	3	General Education: Global Awareness	3
ENG 190 Intro to Literature	3	General Education: Global Awareness	3
ENG 220 Science Fiction	3	General Education: Global Awareness	3
ENG 231 World Literature to 1600 and ENG 232 World Literature 1600 to Present	6	ENG-250: Analysis of World Literature	6
ENG 241: English Literature to 1800	3	ENG-260: English Literature I	3
ENG 242: English Literature 1800 to Present	3	ENG-270: English Literature II	3
ENG 245 Contemporary Multicultural Literature	3	General Education: Global Awareness	3
ENG 251: American Literature to 1860	3	ENG-350: American Literature I	3
ENG 252: American Literature 1860 to Present	3	ENG-353: American Literature II	3
ENG 281: Intro to Film Studies	3	General Education: Global Awareness	3
ENV 101: Environmental Science	3	BIO-220: Environmental Science	3
ENV 230: Foundations of Environmental Science	4	BIO-220: Environmental Science	4
FAS 185: Family Communication Skills	3	General Education: Effective Communication	3
FAS/PSY 238: Human Development	4	PSY-357: Lifespan Development	4

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<b>Arizona Western College Course Number</b>	<b>Arizona Western College Credits</b>	<b>GCU Course Equivalency</b>	<b>GCU Applied Semester Credits</b>
FRE 101 Elementary French 1	4	General Education: Effective Communication	4
FRE 102 Elementary French 2	4	General Education: Effective Communication	4
FRE 202 Intermediate French 2	4	General Education: Effective Communication	4
GEO 105: World Regional Geography	3	General Education: Global Awareness	3
GER 101 Elementary German	4	General Education: Effective Communication	4
GER 102 Elementary German 2	4	General Education: Effective Communication	4
GER 201 Intermediate German 1	4	General Education: Effective Communication	4
GER 202 Intermediate German 2	4	General Education: Effective Communication	4
GLG 101: Intro to Geology 1 (Physical)	4	General Education: Critical Thinking	4
GLG 102: Intro to Geology 2 (Historical)	4	General Education: Critical Thinking	4
GLG 110: Environmental Geology	4	General Education: Critical Thinking	4
GPH 110: Physical Geography	3	General Education: Critical Thinking	3
GPH 171: Intro to Meteorology	4	General Education: Critical Thinking	4
GPH 213: Intro to Climate Science	4	General Education: Critical Thinking	4
GPH 239: Intro to Geographic Information Systems	4	General Elective	4
HIS 121: History of the US to 1865 and HIS 122: History of the US from 1865	6	HIS-221: Themes in United States History	6
HIS 220: History of Arizona	3	General Education: Global Awareness	3
HIS 230: Women in American History	3	General Education: Global Awareness	3
HIS 240: Western Civilization 1	3	General Education: Global Awareness	3
HIS 241: Western Civilization 2	3	General Education: Global Awareness	
HIS 280: History of Mexico	3	General Education: Global Awareness	
JRN 100: Intro to Mass Communication	3	General Education: Effective Communication	3
MAT 119 Mathematics Across Cultures	3	General Education: Critical Thinking	3

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Arizona Western College Course Number	Arizona Western College Credits	GCU Course Equivalency	GCU Applied Semester Credits
MAT 142: College Mathematics with Applications or approved higher level math	3	General Education: Critical Thinking	3
MAT 151: College Algebra: Standard	3	MAT-134: Applications of Algebra	3
MAT 212: Brief Calculus	3	General Education: Critical Thinking	3
MAT 220: Calculus I with Analytic Geometry	3	MAT-352: Calculus and Analytic Geometry	3
MAT 230: Calculus II with Analytic Geometry	3	MAT-353: Calculus and Analytic Geometry II	3
MAT 241: Calculus III with Analytic Geometry	3	General Education: Critical Thinking	
MAT 262: Intro to Ordinary Differential Equations	3	General Education: Critical Thinking	3
MAT 270: Applied Statistics	4	MAT-274: Probability and Statistics	4
MUS 120: Music Appreciation	3	General Education: Global Awareness	3
NUR 110: Mathematics for Medications	1	General Elective	1
NUR 117: Pharmacology	1	General Elective	1
NUR 121: Nursing 1	8.25	General Elective	8.25
NUR 122: Nursing 2	8	General Elective	8
NUR 221: Nursing 3	8	General Elective	8
NUR 222: Nursing 4	8	General Elective	8
OCN 110: Oceanography	3	General Elective	3
PHI 101: Intro to Philosophy	3	General Education: Critical Thinking	3
PHI 103: Intro to Logic	3	General Education: Critical Thinking	3
PHI 105: Intro to Ethics	3	General Education: Global Awareness	3
PHI 220: Medical Ethics	3	General Education: Global Awareness	3
PHI 233: Philosophy of Religion	3	General Education: Global Awareness	3
PHI 240: Ancient Philosophy	3	General Education: Critical Thinking	3
PHI 257: Social and Political Philosophy	3	General Education: Critical Thinking	3

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<b>Arizona Western College Course Number</b>	<b>Arizona Western College Credits</b>	<b>GCU Course Equivalency</b>	<b>GCU Applied Semester Credits</b>
PHY 201: College Physics I	4	PHY-111&PHY-111L: General Physics I-Lecture	4
PHY 202: College Physics II	4	PHY-112&PHY-112L: General Physics II-Lecture	4
PHY 221: General Physics I	4	PHY-111&PHY-111L: General Physics I-Lecture	4
PHY 222: General Physics II	4	PHY-112&PHY-112L: General Physics II-Lecture	4
PLS 100: Plant Science	4	General Education: Critical Thinking	4
POS 100: Intro to Politics	3	General Education: Global Awareness	3
POS 110: American Politics	3	General Education: Global Awareness	3
POS 120: World Politics	3	General Education: Global Awareness	3
POS 130: State and Local Politics	3	General Education: Global Awareness	3
POS 140: Intro to Comparative Politics	3	POS-345: Comparative Government	3
PSY 101: Intro to Psychology	3	PSY-102: General Psychology	3
PSY/SOC 170: Human Sexuality	3	PSY-225: Human Sexuality	3
PSY 227: Personality	3	PSY-255: Personality Psychology	3
PSY 230: Statistics for the Social Sciences	3	PSY-380: Introduction to Probability and Statistics	3
PSY/FAS 238: Human Development	3	PSY-357: Lifespan Development	3
PSY 270: Social Psychology	3	PSY-369: Social Psychology	3
PSY 290: Research Methods for the Social Sciences	4	General Elective	4
REL 201 Comparative World Religions	3	INT-244: World Religions	3
SPA 101 Elementary Spanish 1	4	General Education: Effective Communication	4
SPA 102 Elementary Spanish 2	4	General Education: Effective Communication	4
SPA 203 Intermediate Spanish for Native Speakers 1	4	General Education: Effective Communication	4
SPA 202 Intermediate Spanish 1 or	4	General Education: Effective Communication	4
SPA 204 Intermediate Spanish for Native Speakers 2	4	General Education: Effective Communication	4

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<b>Arizona Western College Course Number</b>	<b>Arizona Western College Credits</b>	<b>GCU Course Equivalency</b>	<b>GCU Applied Semester Credits</b>
SPA 251 Intermediate Spanish Grammar and Composition	4	General Education: Effective Communication	4
SPA 260 Mexican-American Literature	4	General Education: Global Awareness	4
SPA 261 Intro to Spanish Literature	4	General Education: Global Awareness	4
SPA 263 Intro to Hispanic Film and Culture	4	General Education: Global Awareness	4
SPA 265 Survey of Spanish and Spanish-American Literature	4	General Education: Global Awareness	4
SPC 110: Intro to Speech Communications	3	General Education: Effective Communication	3
SPC 215: Public Speaking	3	COM-210: Public Speaking	3
SPC 271: Group Communication	3	General Education: Effective Communication	3
SOC 101: Intro to Sociology	3	SOC-102: Principles of Sociology	3
SOC/PSY 170: Human Sexuality	3	PSY-225: Human Sexuality	3
SOC 230: Social Problems	3	SOC-220: Social Problems	3
SOC 240 Racial and Ethnic Relations	3	SOC-415: American Minority Peoples	3
SOC 250: Introduction to Social Work		General Education: Global Awareness	3
THE 101: Survey of Theatre	3	General Education: Global Awareness	3
THE 102: History of Contemporary Theatre	3	General Education: Global Awareness	3



Appendix C: Transfer Guide  
between  
Arizona Western College and Grand Canyon University

**Associate of Arts in Administration of Justice Studies – Bachelor of Science in Justice Studies**

The following table outlines the requirements needed to receive an Associate of Arts in Administration of Justice Studies from Arizona Western College. Within the table we have identified preferred courses from Arizona Western College that will be applicable towards Grand Canyon University’s Bachelor of Science in Justice Studies. The following will be used in evaluating official transcripts.

Arizona Western College – Associate of Arts in Administration of Justice Studies	Credits	Grand Canyon University – Bachelor of Science in Justice Studies	GCU Applied Semester Credits
<b>Required Courses</b>			
AJS 101: Introduction to Administration	3	JUS-104 Introduction to Justice Studies	3
AJS 201: Criminal Justice Crime Control Policies and Procedures	3	General Education: Global Awareness	3
AJS 299: Administration of Justice Capstone	1	General Education: Global Awareness	1
<b>Take 18 credits with AJS Prefix including the following</b>			
AJS 225: Crime and Delinquency	3	JUS-452: Juvenile Delinquency and Justice	3
AJS 230: Police Function	3	JUS-320: The Police Function	3
AJS 240: Corrective Function	3	JUS-330: The Correctional Function	3
AJS 260: Procedural Criminal Law	3	JUS-430: Criminal Law	3
AJS Courses	6	General Education: Global Awareness	6
<b>Arizona General Education Curriculum-Arts</b>			
ENG 101: Freshman Composition	3	ENG-105: English Composition I	3
ENG 102: Freshman Composition	3	ENG-106: English Composition II	3
MAT 151: College Algebra: Standard	3	MAT-134: Applications of Algebra	3
Arts and Humanities Category	6	General Education: Global Awareness	6
Social and Behavioral Sciences Category	6	General Education: Global Awareness	6
Physical and Biological Science Category	8	General Education: Critical Thinking	8
Additional Courses	6	General Education or Elective	6
Additional Electives	4	General Electives	4
<b>Minimum Number of Credits Required for A.A. in Justice Studies at Arizona Western College</b>			<b>64</b>
<b>Total Credits Applied Towards Grand Canyon University’s Bachelor of Science in Justice Studies</b>			<b>64</b>

The following table outlines the remaining courses required to fulfill the Bachelor of Science in Biology with an Emphasis in Pre-Physician's Assistant program requirements at Grand Canyon University.

<b>Course #</b>	<b>Bachelor of Science in Justice Studies</b>	<b>Semester Credits</b>
<b>General Education</b>		
UNV-303	University Success	4
CWV-301	Christian Worldview	4
<b>Program Major</b>		
JUS-110	Crime and Criminology	4
JUS-250	Critical Issues in Criminal Justice	4
PHI-305	Ethical Thinking in the Liberal Arts	4
JUS-325	The Adjudication Function	4
JUS-435	Criminal Procedure	4
SOC-400	Social Research and Statistics	4
EMM-442	Terrorism's Impact on Emergency Management	4
	General Electives needed to meet 120 (8 of which must be upper division)	20
<b>Total Credits Completed at Grand Canyon University</b>		<b>56</b>

Transfer Credits from the Associate of Arts in Administration of Justice Studies – Arizona Western College	64 semester credits
Remaining Credits Required at Grand Canyon University	56 semester credits
<b>Total Credit Hours Needed to Complete Bachelor of Science in Justice Studies at Grand Canyon University</b>	<b>120 credits</b>

\*To obtain a baccalaureate degree at Grand Canyon University, a student must earn a minimum of 36 semester credits in upper division (300 or above) courses.

Appendix C: Transfer Guide  
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**Associate of Arts in English – Bachelor of Arts in English Literature**

The following table outlines the requirements needed to receive an Associate of Arts in English from Arizona Western College. Within the table we have identified preferred courses from Arizona Western College that will be applicable towards Grand Canyon University’s Bachelor of Arts in English Literature. The following will be used in evaluating official transcripts.

Arizona Western College – Associate of Arts in English	Credits	Grand Canyon University – Bachelor of Arts in English Literature	GCU Applied Semester Credits
<b>Required Courses</b>			
ENG 241: English Literature to 1800	3	ENG-260: English Literature I	3
ENG 242: English Literature 1800 to Present	3	ENG-270: English Literature II	3
<b>Other Departmental Requirements</b>			
ENG 251: American Literature to 1860	3	ENG-350: American Literature I	3
ENG 252: American Literature 1860 to Present	3	ENG-353: American Literature II	3
ENG 232: World Literature 1600 to Present	3	ENG-250: Analysis of World Literature	3
<b>Arizona General Education Curriculum- Science</b>			
ENG 101: English Composition I	3	ENG-105: English Composition I	3
ENG 102: English Composition II	3	ENG-106: English Composition II	3
MAT 151: College Algebra: Standard	3	MAT-134: Applications of Algebra	3
Social and Behavioral Sciences	6	General Education: Global Awareness	6
Physical and Biological Sciences	8	General Education: Critical Thinking	8
Additional Courses	6	General Education or Elective	6
General Electives	20	General Education or Elective	20
<b>Minimum Number of Credits Required for A.A. in English at Arizona Western College</b>			<b>64</b>
<b>Total Credits Applied Towards Grand Canyon University’s Bachelor of Arts in English Literature</b>			<b>64</b>

The following table outlines the remaining courses required to fulfill the Bachelor of Science in Biology with an Emphasis in Pre-Physician's Assistant program requirements at Grand Canyon University.

<b>Course #</b>	<b>Bachelor of Arts in English Literature</b>	<b>Semester Credits</b>
<b>General Education</b>		
UNV-303	University Success	4
CWV-301	Christian Worldview	4
<b>Program Major</b>		
PHI-305	Ethical Thinking in the Liberal Arts	4
ENG-358	Introduction to English Grammar and Linguistics	4
ENG-425	Major Author	4
ENG-450	Shakespeare	4
ENG-424	Literary Movement	4
ENG-356	The Short Story	4
ENG-460	The Novel	4
	Electives needed to meet the 120 credit requirement	20
<b>Total Credits Completed at Grand Canyon University</b>		<b>56</b>
Transfer Credits from the Associate of Arts in English – Arizona Western College		64 semester credits
Remaining Credits Required at Grand Canyon University		56 semester credits
<b>Total Credit Hours Needed to Complete Bachelor of Arts in English Literature at Grand Canyon University</b>		<b>120 credits</b>

\*To obtain a baccalaureate degree at Grand Canyon University, a student must earn a minimum of 36 semester credits in upper division (300 or above) courses.

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**Associate of Arts in History – Bachelor of Arts in History**

The following table outlines the requirements needed to receive an Associate of Arts in History from Arizona Western College. Within the table we have identified preferred courses from Arizona Western College that will be applicable towards Grand Canyon University’s Bachelor of Arts in History. The following will be used in evaluating official transcripts.

Arizona Western College – Associate of Arts in History	Credits	Grand Canyon University – Bachelor of Arts in History	GCU Applied Semester Credits
<b>Required Courses</b>			
HIS 121: History of the U.S. to 1865 and HIS 122: History of the U.S. from 1865	6	HIS-221: Themes in United States History	6
HIS 240: Western Civilization 1	3	General Education: Global Awareness	3
HIS 241: Western Civilization 2	3	General Education: Global Awareness	3
<b>Other Departmental Requirements: (select 3 courses)</b>			
GEO 105: World Regional Geography	3	General Education: Global Awareness	3
HIS 220: History of Arizona	3	General Education: Global Awareness	3
HIS 230: Women in American History	3	General Education: Global Awareness	3
HIS 280: History of Mexico	3	General Education: Global Awareness	3
<b>Arizona General Education Curriculum- Science</b>			
ENG 101: English Composition I	3	ENG-105: English Composition I	3
ENG 102: English Composition I	3	ENG-106: English Composition II	3
MAT 151: College Algebra: Standard	3	MAT-134: Applications of Algebra	3
Arts and Humanities Category	6	General Education: Global Awareness	6
Social and Behavioral Sciences Category	6	General Education: Global Awareness	6
Physical and Biological Sciences Category	8	General Education: Critical Thinking	8
Additional Courses	6	General Education or Elective	6
General Electives	8	General Education or Elective	8
<b>Minimum Number of Credits Required for A.A. in History at Arizona Western College</b>			<b>64</b>
<b>Total Credits Applied Towards Grand Canyon University’s Bachelor of Arts in History</b>			<b>64</b>

The following table outlines the remaining courses required to fulfill the Bachelor of Science in Biology with an Emphasis in Pre-Physician's Assistant program requirements at Grand Canyon University.

<b>Course #</b>	<b>Bachelor of Arts in History</b>	<b>Semester Credits</b>
<b>General Education</b>		
UNV-303	University Success	4
CWV-301	Christian Worldview	4
<b>Program Major</b>		
HIS-109	World Civilization	4
HIS-247	History and Historians	4
PHI-305	Ethical Thinking in the Liberal Arts	4
HIS-310	Civil War and Reconstruction	4
HIS-318	Near-Eastern History	4
HIS-320	Modern Middle East	4
HIS-331	20th Century World	4
HIS-344	Colonial and Revolutionary America	4
HIS-354	England to 1688	4
HIS-460	Russian History	4
HIS-465	History of Modern East Asia	4
	Electives needed to meet the 120 credit requirement	4
<b>Total Credits Completed at Grand Canyon University</b>		<b>56</b>

Transfer Credits from the Associate of Arts in History – Arizona Western College	64 semester credits
Remaining Credits Required at Grand Canyon University	56 semester credits
<b>Total Credit Hours Needed to Complete Bachelor of Arts in History at Grand Canyon University</b>	<b>120 credits</b>

\*To obtain a baccalaureate degree at Grand Canyon University, a student must earn a minimum of 36 semester credits in upper division (300 or above) courses.

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**Associate of Arts in Psychology/Sociology – Bachelor of Science in Psychology**

The following table outlines the requirements needed to receive an Associate of Arts in Psychology/Sociology from Arizona Western College. Within the table we have identified preferred courses from Arizona Western College that will be applicable towards Grand Canyon University's Bachelor of Science in Psychology. The following will be used in evaluating official transcripts.

Arizona Western College – Associate of Arts in Psychology/Sociology	Credits	Grand Canyon University – Bachelor of Science in Psychology	GCU Applied Semester Credits
<b>Required Courses</b>			
PSY 101: Introduction to Psychology	3	PSY-102: General Psychology	3
PSY 270: Social Psychology	3	PSY-369: Social Psychology	3
PSY 290: Research Methods for the Social Sciences	4	General Education: Global Awareness	4
SOC 101: Introduction to Sociology	3	SOC-102: Principles of Sociology	3
SOC 230: Social Problems	3	SOC-220: Social Problems	3
SOC 240: Racial and Ethnic Relations	3	General Education: Global Awareness	3
PSY 230: Statistics for the Social Sciences	3	PSY-380: Introduction to Probability and Statistics	3
<b>Arizona General Education Requirements-Arts</b>			
ENG 101: Freshman Composition	3	ENG-105: English Composition I	3
ENG 102: Freshman Composition	3	ENG-106: English Composition II	3
MAT 151: College Algebra: Standard	3	MAT-134: Applications of Algebra	3
Arts and Humanities Category	6	General Education: Global Awareness	6
PSY/SOC 170: Human Sexuality	3	PSY-225: Human Sexuality	3
Social and Behavioral Sciences Category	3	General Education: Global Awareness	3
Physical and Biological Sciences Category	8	General Education: Critical Thinking	8
Additional Courses	6	General Education or Elective	6
<b>Preferred General Electives</b>			
PSY 227: Personality	3	PSY-255: Personality Psychology	3
PSY/FAS 238: Human Development	3	PSY-357: Lifespan Development	3
Elective Credit	1	General Elective	1
<b>Minimum Number of Credits Required for A.A. in Psychology/Sociology at Arizona Western College</b>			<b>64</b>
<b>Total Credits Applied Towards Grand Canyon University's Bachelor of Science in Psychology</b>			<b>64</b>

The following table outlines the remaining courses required to fulfill the Bachelor of Science in Biology with an Emphasis in Pre-Physician's Assistant program requirements at Grand Canyon University.

<b>Course #</b>	<b>Bachelor of Science in Psychology</b>	<b>Semester Credits</b>
<b>General Education</b>		
UNV-303	University Success	4
CWV-301	Christian Worldview	4
<b>Program Major</b>		
PHI-305	Ethical Thinking in the Liberal Arts	4
PSY-380	Introduction to Probability and Statistics	4
PSY-356	Learning and Cognition	4
PSY-352	Health Psychology	4
PSY-452	Experimental Psychology	4
PSY-470	Abnormal Psychology	4
PSY-460	Fundamentals of Counseling and Guidance	4
	Elective credits needed to meet the 120	20
<b>Total Credits Completed at Grand Canyon University</b>		<b>56</b>
Transfer Credits from the Associate of Arts in Psychology/Sociology – Arizona Western College		64 semester credits
Remaining Credits Required at Grand Canyon University		56 semester credits
<b>Total Credit Hours Needed to Complete Bachelor of Science in Psychology at Grand Canyon University</b>		<b>120 credits</b>

\*To obtain a baccalaureate degree at Grand Canyon University, a student must earn a minimum of 36 semester credits in upper division (300 or above) courses.



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**Associate of Arts in Psychology/Sociology – Bachelor of Science in Sociology**

The following table outlines the requirements needed to receive an Associate of Arts in Psychology/Sociology from Arizona Western College. Within the table we have identified preferred courses from Arizona Western College that will be applicable towards Grand Canyon University’s Bachelor of Science in Sociology. The following will be used in evaluating official transcripts.

Arizona Western College – Associate of Arts in Psychology/Sociology	Credits	Grand Canyon University – Bachelor of Science in Sociology	GCU Applied Semester Credits
<b>Required Courses</b>			
PSY 101: Introduction to Psychology	3	PSY-102: General Psychology	3
PSY 270: Social Psychology	3	PSY-369: Social Psychology	3
PSY 290: Research Methods for the Social Sciences	4	General Education: Global Awareness	4
SOC 101: Introduction to Sociology	3	SOC-102: Principles of Sociology	3
SOC 230: Social Problems	3	SOC-220: Social Problems	3
SOC 240: Racial and Ethnic Relations	3	General Education: Global Awareness	3
PSY 230: Statistics for the Social Sciences	3	PSY-380: Introduction to Probability and Statistics	3
<b>Arizona General Education Requirements-Arts</b>			
ENG 101: Freshman Composition	3	ENG-105: English Composition I	3
ENG 102: Freshman Composition	3	ENG-106: English Composition II	3
MAT 151: College Algebra: Standard	3	MAT-134: Applications of Algebra	3
Arts and Humanities Category	6	General Education: Global Awareness	6
PSY/SOC 170: Human Sexuality	3	PSY-225: Human Sexuality	3
Social and Behavioral Sciences Category	3	General Education: Global Awareness	3
Physical and Biological Sciences Category	8	General Education: Critical Thinking	8
Additional Courses	6	General Education or Elective	6
<b>General Electives</b>			
ANT 130: Cultural Anthropology	3	SOC-315: Cultural Anthropology	3
<b>Choose 3 Credits from the following:</b>			
FAS 185: Family Communication Skills	3	General Education: Global Awareness	3
PSY 227: Personality	3	PSY-255: Personality Psychology	3
PSY/FAS 238: Human Development	3	PSY-357: Lifespan Development	3
REL 201 Comparative World Religions	3	General Education: Global Awareness	3
General Elective	1	General Elective	1
<b>Minimum Number of Credits Required for A.A. in Psychology/Sociology at Arizona Western College</b>			<b>64</b>
<b>Total Credits Applied Towards Grand Canyon University’s Bachelor of Science in Sociology</b>			<b>64</b>

The following table outlines the remaining courses required to fulfill the Bachelor of Science in Biology with an Emphasis in Pre-Physician's Assistant program requirements at Grand Canyon University.

<b>Course #</b>	<b>Bachelor of Science in Sociology</b>	<b>Semester Credits</b>
<b>General Education</b>		
UNV-303	University Success	4
CWV-301	Christian Worldview	4
<b>Program Major</b>		
PHI-305	Ethical Thinking in the Liberal Arts	4
SOC-315	Cultural Anthropology	4
SOC-320	Marriage and Family	4
SOC-415	American Minority Peoples	4
SOC-400	Social Research and Statistics	4
SOC-417	Sociological Theory	4
SOC-410	Social Inequality and Stratification	4
	Elective Credits Needed to meet the 120 credit requirement	20
<b>Total Credits Completed at Grand Canyon University</b>		<b>56</b>
Transfer Credits from the Associate of Arts in Psychology/Sociology – Arizona Western College		64 semester credits
Remaining Credits Required at Grand Canyon University		56 semester credits
<b>Total Credit Hours Needed to Complete Bachelor of Science in Sociology at Grand Canyon University</b>		<b>120 credits</b>

\*To obtain a baccalaureate degree at Grand Canyon University, a student must earn a minimum of 36 semester credits in upper division (300 or above) courses.

Appendix C: Transfer Guide  
between  
Arizona Western College and Grand Canyon University

**Associate of Science in Biology – Bachelor of Science in Biology with an Emphasis in Pre-Physician Assistant**

The following table outlines the requirements needed to receive an Associate of Science in Biology from Arizona Western College. Within the table we have identified preferred courses from Arizona Western College that will be applicable towards Grand Canyon University’s Bachelor of Science in Biology with an Emphasis in Pre-Physician Assistant. The following will be used in evaluating official transcripts.

Arizona Western College – Associate of Science in Biology	Credits	Grand Canyon University – Bachelor of Science in Biology with an Emphasis in Pre-Physician Assistant	GCU Applied Semester Credits
<b>Required Courses</b>			
BIO 181: General Biology (Majors) I	4	BIO-181 & BIO-181L: General Biology I	4
BIO 182: General Biology (Majors) II	4	BIO-182&182L: General Biology II	4
BIO 205: Microbiology	4	BIO-205&BIO-205L: Microbiology	4
MAT 270: Applied Statistics	4	MAT-274: Probability and Statistics	4
<b>Choose 1 of the following courses:</b>			
BIO 234: Desert Biology <b>OR</b>	4	General Education: Critical Thinking	4
ENV 230: Foundations of Environmental Science <b>OR</b>	4	BIO-220: Environmental Science	4
GPH 239: Intro to Geographic Information Systems	4	General Education: Critical Thinking	4
<b>Recommended Courses</b>			
BIO 201: Anatomy and Physiology I	4	BIO-201&BIO-201L: Human Anatomy and Physiology I	4
BIO 202: Anatomy and Physiology I	4	BIO-202&BIO-202L: Human Anatomy and Physiology II	4
<b>Arizona General Education Curriculum- Science</b>			
ENG 101: Freshman Composition	3	ENG-105: English Composition I	3
ENG 102: Freshman Composition	3	ENG-106: English Composition II	3
MAT 220: Calculus I with Analytic Geometry	3	MAT-352: Calculus and Analytic Geometry	3
Approved Arts and Humanities courses	6	General Education: Global Awareness	6
PSY 101: Intro to Psychology	3	PSY-102: General Psychology	3
SOC 101: Intro to Sociology	3	SOC-102: Principles of Sociology	3
CHM 151: General Chemistry	4	CHM-113&CHM-113L: General Chemistry I	4
CHM 152: General Chemistry II	4	CHM-115&CHM-115L: General Chemistry II	4
<b>Additional Courses Recommended</b>			
PHY 221: General Physics I	4	PHY-111&PHY-111L: General Physics I	4
PHY 222: General Physics II	4	PHY-112&PHY-112L: General Physics II	4
<b>Minimum Number of Credits Required for A.S. in Biology at Arizona Western College</b>			<b>65</b>
<b>Total Credits Applied Towards Grand Canyon University’s Bachelor of Science in Biology with an Emphasis in Pre-Physician Assistant</b>			<b>65</b>

The following table outlines the remaining courses required to fulfill the Bachelor of Science in Biology with an Emphasis in Pre-Physician's Assistant program requirements at Grand Canyon University.

<b>Course #</b>	<b>Bachelor of Science in Biology with an Emphasis in Pre-Physician Assistant</b>	<b>Semester Credits</b>
<b>General Education</b>		
UNV-303	University Success	4
CWV-301	Christian Worldview	4
<b>Program Major</b>		
MAT-250	College Algebra and Trigonometry	4
BIO-319	Applied Nutrition	4
BIO-457	Genetics	4
BIO-483	Pathophysiology	4
CHM-231&CHM-231L	Organic Chemistry I	4
CHM-232&CHM-232L	Organic Chemistry II	4
CHM-360&CHM-160L	Principles of Biochemistry	4
HLT-302	Spirituality and Christian Values in Health Care and Wellness	4
HLT-305	Legal and Ethical Principles in Health Care	4
HLT-411	Global Health Issues	4
PSY-352	Health Psychology	4
	Electives to meet the 120 credit requirement	3
<b>Total Credits Completed at Grand Canyon University</b>		<b>55</b>
Transfer Credits from the Associate of Science in Biology – Arizona Western College		65 semester credits
Remaining Credits Required at Grand Canyon University		55 semester credits
<b>Total Credit Hours Needed to Complete Bachelor of Science in Biology with an Emphasis in Pre-Physician Assistant at Grand Canyon University</b>		<b>120 credits</b>

\*To obtain a baccalaureate degree at Grand Canyon University, a student must earn a minimum of 36 semester credits in upper division (300 or above) courses.

Appendix C: Transfer Guide  
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Arizona Western College and Grand Canyon University

**Associate of Science in Biology – Bachelor of Science in Biology with an Emphasis in Pre-Medicine**

The following table outlines the requirements needed to receive an Associate of Science in Biology from Arizona Western College. Within the table we have identified preferred courses from Arizona Western College that will be applicable towards Grand Canyon University’s Bachelor of Science in Biology with an Emphasis in Pre-Medicine. The following will be used in evaluating official transcripts.

Arizona Western College – Associate of Science in Biology	Credits	Grand Canyon University – Bachelor of Science in Biology with an Emphasis in Pre-Medicine	GCU Applied Semester Credits
<b>Required Courses</b>			
BIO 181: General Biology (Majors) I	4	BIO-181 & BIO-181L: General Biology I	4
BIO 182: General Biology (Majors) II	4	BIO-182&182L: General Biology II	4
BIO 205: Microbiology	4	BIO-205&BIO-205L: Microbiology	4
MAT 270: Applied Statistics	4	MAT-274: Probability and Statistics	4
<b>Choose 1 of the following courses:</b>			
BIO 234: Desert Biology <b>OR</b>	4	General Education: Critical Thinking	4
ENV 230: Foundations of Environmental Science <b>OR</b>	4	BIO-220: Environmental Science	4
GPH 239: Intro to Geographic Information Systems	4	General Education: Critical Thinking	4
<b>Recommended Courses</b>			
BIO 201: Anatomy and Physiology I	4	BIO-201&BIO-201L: Human Anatomy and Physiology I	4
BIO 202: Anatomy and Physiology I	4	BIO-202&BIO-202L: Human Anatomy and Physiology II	4
<b>Arizona General Education Curriculum- Science</b>			
ENG 101: Freshman Composition	3	ENG-105: English Composition I	3
ENG 102: Freshman Composition	3	ENG-106: English Composition II	3
MAT 220: Calculus I with Analytic Geometry	3	MAT-352: Calculus and Analytic Geometry	3
Approved Arts and Humanities courses	6	General Education: Global Awareness	6
PSY 101: Intro to Psychology	3	PSY-102: General Psychology	3
SOC 101: Intro to Sociology	3	SOC-102: Principles of Sociology	3
CHM 151: General Chemistry	4	CHM-113&CHM-113L: General Chemistry I	4
CHM 152: General Chemistry II	4	CHM-115&CHM-115L: General Chemistry II	4
<b>Additional Courses Recommended</b>			
PHY 221: General Physics I	4	PHY-111&PHY-111L: General Physics I	4
PHY 222: General Physics II	4	PHY-112&PHY-112L: General Physics II	4
<b>Minimum Number of Credits Required for A.S. in Biology at Arizona Western College</b>			65
<b>Total Credits Applied Towards Grand Canyon University’s Bachelor of Science in Biology with an Emphasis in Pre-Medicine</b>			64

The following table outlines the remaining courses required to fulfill the Bachelor of Science in Biology with an Emphasis in Pre-Physician's Assistant program requirements at Grand Canyon University.

<b>Course #</b>	<b>Bachelor of Science in Biology with an Emphasis in Pre-Medicine</b>	<b>Semester Credits</b>
<b>General Education</b>		
UNV-303	University Success	4
CWV-301	Christian Worldview	4
<b>Program Major</b>		
MAT-250	College Algebra and Trigonometry	4
BIO-205&205L	Microbiology	4
BIO-457	Genetics	4
BIO-483	Pathophysiology	4
CHM-231&CHM-231L	Organic Chemistry I	4
CHM-232&CHM-232L	Organic Chemistry II	4
CHM-360&CHM-360L	Principles of Biochemistry - Lecture	4
CHM-451	Pharmacology I	4
HLT-302	Spirituality and Christian Values in Health Care and Wellness	4
HLT-305	Legal and Ethical Principles in Health Care	4
HLT-411	Global Health Issues	4
PSY-361	Attitude and Social Behavior	4
<b>Total Credits Completed at Grand Canyon University</b>		<b>56</b>
Transfer Credits from the Associate of Science in Biology – Arizona Western College		64 semester credits
Remaining Credits Required at Grand Canyon University		56 semester credits
<b>Total Credit Hours Needed to Complete Bachelor of Science in Biology with an Emphasis in Pre-Medicine at Grand Canyon University</b>		<b>120 credits</b>

\*To obtain a baccalaureate degree at Grand Canyon University, a student must earn a minimum of 36 semester credits in upper division (300 or above) courses.

Appendix C: Transfer Guide  
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Arizona Western College and Grand Canyon University

**Associate of Science in Biology – Bachelor of Science in Biology with an Emphasis in Pre-Physical Therapy**  
The following table outlines the requirements needed to receive an Associate of Science in Biology from Arizona Western College. Within the table we have identified preferred courses from Arizona Western College that will be applicable towards Grand Canyon University’s Bachelor of Science in Biology with an Emphasis in Pre-Physical Therapy. The following will be used in evaluating official transcripts.

Arizona Western College – Associate of Science in Biology	Credits	Grand Canyon University – Bachelor of Science in Biology with an Emphasis in Pre-Physical Therapy	GCU Applied Semester Credits
<b>Required Courses</b>			
BIO 181: General Biology (Majors) I	4	BIO-181 & BIO-181L: General Biology I	4
BIO 182: General Biology (Majors) II	4	BIO-182&182L: General Biology II	4
BIO 205: Microbiology	4	BIO-205&BIO-205L: Microbiology	4
MAT 270: Applied Statistics	4	MAT-274: Probability and Statistics	4
<b>Choose 1 of the following courses:</b>			
BIO 234: Desert Biology <b>OR</b>	4	General Education: Critical Thinking	4
ENV 230: Foundations of Environmental Science <b>OR</b>	4	BIO-220: Environmental Science	4
GPH 239: Intro to Geographic Information Systems	4	General Education: Critical Thinking	4
<b>Recommended Courses</b>			
BIO 201: Anatomy and Physiology I	4	BIO-201&BIO-201L: Human Anatomy and Physiology I	4
BIO 202: Anatomy and Physiology I	4	BIO-202&BIO-202L: Human Anatomy and Physiology II	4
<b>Arizona General Education Curriculum- Science</b>			
ENG 101: Freshman Composition	3	ENG-105: English Composition I	3
ENG 102: Freshman Composition	3	ENG-106: English Composition II	3
MAT 220: Calculus I with Analytic Geometry	3	MAT-352: Calculus and Analytic Geometry	3
Approved Arts and Humanities courses	6	General Education: Global Awareness	6
PSY 101: Intro to Psychology	3	PSY-102: General Psychology	3
SOC 101: Intro to Sociology	3	SOC-102: Principles of Sociology	3
CHM 151: General Chemistry	4	CHM-113&CHM-113L: General Chemistry I	4
CHM 152: General Chemistry II	4	CHM-115&CHM-115L: General Chemistry II	4
<b>Additional Courses Recommended</b>			
PHY 221: General Physics I	4	PHY-111&PHY-111L: General Physics I	4
PHY 222: General Physics II	4	PHY-112&PHY-112L: General Physics II	4
<b>Minimum Number of Credits Required for A.S. in Biology at Arizona Western College</b>			65
<b>Total Credits Applied Towards Grand Canyon University’s Bachelor of Science in Biology with an Emphasis in Pre-Physical Therapy</b>			64

The following table outlines the remaining courses required to fulfill the Bachelor of Science in Biology with an Emphasis in Pre-Physician's Assistant program requirements at Grand Canyon University.

<b>Course #</b>	<b>Bachelor of Science in Biology with an Emphasis in Pre-Physical Therapy</b>	<b>Semester Credits</b>
<b>General Education</b>		
UNV-303	University Success	4
CWV-301	Christian Worldview	4
<b>Program Major</b>		
MAT-250	College Algebra and Trigonometry	4
EXS-214	Care, Treatment, and Prevention of Athletic Injuries - Lecture	4
EXS-214L	Care, Treatment, and Prevention of Athletic Injuries - Lab	4
EXS-335	Kinesiology - Lecture	3
EXS-335L	Kinesiology - Lab	1
EXS-340	Physiology of Exercise - Lecture	3
EXS-340L	Physiology of Exercise - Lab	1
EXS-370	Pharmacology: Drug Use and Abuse	4
EXS-458	Theory & Practice of Strength and Conditioning	4
HLT-302	Spirituality and Christian Values in Health Care and Wellness	4
HLT-305	Legal and Ethical Principles in Health Care	4
PSY-352	Health Psychology	4
PSY-357	Lifespan Development	4
PSY-361	Attitude and Social Behavior	4
<b>Total Credits Completed at Grand Canyon University</b>		<b>56</b>

Transfer Credits from the Associate of Science in Biology – Arizona Western College	56 semester credits
Remaining Credits Required at Grand Canyon University	64 semester credits
<b>Total Credit Hours Needed to Complete Bachelor of Science in Biology with an Emphasis in Pre-Physical Therapy at Grand Canyon University</b>	<b>120 credits</b>

\*To obtain a baccalaureate degree at Grand Canyon University, a student must earn a minimum of 36 semester credits in upper division (300 or above) courses.



Appendix C: Transfer Guide  
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**Associate of Science in Biology – Bachelor of Science in Biology with an Emphasis in Pre-Pharmacy**

The following table outlines the requirements needed to receive an Associate of Science in Biology from Arizona Western College. Within the table we have identified preferred courses from Arizona Western College that will be applicable towards Grand Canyon University’s Bachelor of Science in Biology with an Emphasis in Pre-Pharmacy. The following will be used in evaluating official transcripts.

Arizona Western College – Associate of Science in Biology	Credits	Grand Canyon University – Bachelor of Science in Biology with an Emphasis in Pre-Pharmacy	GCU Applied Semester Credits
<b>Required Courses</b>			
BIO 181: General Biology (Majors) I	4	BIO-181 & BIO-181L: General Biology I	4
BIO 182: General Biology (Majors) II	4	BIO-182&182L: General Biology II	4
BIO 205: Microbiology	4	BIO-205&BIO-205L: Microbiology	4
MAT 270: Applied Statistics	4	MAT-274: Probability and Statistics	4
<b>Choose 1 of the following courses:</b>			
BIO 234: Desert Biology <b>OR</b>	4	General Education: Critical Thinking	4
ENV 230: Foundations of Environmental Science <b>OR</b>	4	BIO-220: Environmental Science	4
GPH 239: Intro to Geographic Information Systems	4	General Education: Critical Thinking	4
<b>Recommended Courses</b>			
BIO 201: Anatomy and Physiology I	4	BIO-201&BIO-201L: Human Anatomy and Physiology I	4
BIO 202: Anatomy and Physiology I	4	BIO-202&BIO-202L: Human Anatomy and Physiology II	4
<b>Arizona General Education Curriculum- Science</b>			
ENG 101: Freshman Composition	3	ENG-105: English Composition I	3
ENG 102: Freshman Composition	3	ENG-106: English Composition II	3
MAT 220: Calculus I with Analytic Geometry	3	MAT-352: Calculus and Analytic Geometry	3
Approved Arts and Humanities courses	6	General Education: Global Awareness	6
PSY 101: Intro to Psychology	3	PSY-102: General Psychology	3
SOC 101: Intro to Sociology	3	SOC-102: Principles of Sociology	3
CHM 151: General Chemistry	4	CHM-113&CHM-113L: General Chemistry I	4
CHM 152: General Chemistry II	4	CHM-115&CHM-115L: General Chemistry II	4
<b>Additional Courses Recommended</b>			
PHY 221: General Physics I	4	PHY-111&PHY-111L: General Physics I	4
PHY 222: General Physics II	4	PHY-112&PHY-112L: General Physics II	4
<b>Minimum Number of Credits Required for A.S. in Biology at Arizona Western College</b>			65
<b>Total Credits Applied Towards Grand Canyon University’s Bachelor of Science in Biology with an Emphasis in Pre-Pharmacy</b>			64

The following table outlines the remaining courses required to fulfill the Bachelor of Science in Biology with an Emphasis in Pre-Physician's Assistant program requirements at Grand Canyon University.

<b>Course #</b>	<b>Bachelor of Science in Biology with an Emphasis in Pre-Pharmacy</b>	<b>Semester Credits</b>
<b>General Education</b>		
UNV-303	University Success	4
CWV-301	Christian Worldview	4
<b>Program Major</b>		
COM-210	Public Speaking	4
MAT-351	Calculus for Biomedical Sciences	4
BIO-457	Genetics	4
BIO-483	Pathophysiology	4
CHM-231	Organic Chemistry I	3
CHM-231L	Organic Chemistry I Lab	1
CHM-232	Organic Chemistry II	3
CHM-232L	Organic Chemistry II Lab	1
CHM-360	Principles of Biochemistry - Lecture	3
CHM-360L	Principles of Biochemistry - Lab	1
CHM-451	Pharmacology I	4
CHM-452	Pharmacology II	4
ECN-220	Introduction to Economics	4
HLT-302	Spirituality and Christian Values in Health Care and Wellness	4
HLT-305	Legal and Ethical Principles in Health Care	4
<b>Total Credits Completed at Grand Canyon University</b>		<b>56</b>

Transfer Credits from the Associate of Science in Biology – Arizona Western College	56 semester credits
Remaining Credits Required at Grand Canyon University	64 semester credits
<b>Total Credit Hours Needed to Complete Bachelor of Science in Biology with an Emphasis in Pre-Pharmacy at Grand Canyon University</b>	<b>120 credits</b>

\*To obtain a baccalaureate degree at Grand Canyon University, a student must earn a minimum of 36 semester credits in upper division (300 or above) courses.

Appendix C: Transfer Guide  
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Arizona Western College and Grand Canyon University

**Associate of Science in Chemistry – Bachelor of Science in Biology with an Emphasis in Pre-Physician Assistant**

The following table outlines the requirements needed to receive an Associate of Science in Chemistry from Arizona Western College. Within the table we have identified preferred courses from Arizona Western College that will be applicable towards Grand Canyon University's Bachelor of Science in Biology with an Emphasis in Pre-physician Assistant. The following will be used in evaluating official transcripts.

Arizona Western College – Associate of Science in Chemistry	Credits	Grand Canyon University – Bachelor of Science in Biology with an Emphasis in Pre-Physician Assistant	GCU Applied Semester Credits
<b>Required Courses</b>			
CHM 151: General Chemistry I	4	CHM-113&CHM-113L: General Chemistry I	4
CHM 152: General Chemistry II	4	CHM-115&CHM-115L: General Chemistry II-Lecture	4
CHM 235: Organic Chemistry I	5	CHM-231&CHM-231L: Organic Chemistry I	5
CHM 236: Organic Chemistry II	4	CHM-232&CHM-232L: Organic Chemistry II	4
MAT 230: Calculus II with Analytic Geometry	5	MAT-353: Calculus and Analytic Geometry II	5
MAT 262: Introduction to Ordinary Differential Equations	3	General Education: Critical Thinking	3
<b>Arizona General Education Curriculum-Science</b>			
ENG 101: Freshman Composition	3	ENG-105: English Composition I	3
ENG 102: Freshman Composition	3	ENG-106: English Composition II	3
MAT 220: Calculus I with Analytic Geometry or approved higher level math)	5	MAT-352: Calculus and Analytic Geometry I	5
PSY 101: Intro to Psychology	3	PSY-102: General Psychology	3
SOC 101: Intro to Sociology	3	SOC-102: Principles of Sociology	3
Arts and Humanities	6	General Education: Global Awareness	6
PHY 221: General Physics I	4	PHY-111&PHY-111L: General Physics I	4
PHY 222: General Physics II	4	PHY-112&PHY-112L: General Physics II	4
BIO 181: General Biology (Majors) I	4	BIO-181 & BIO-181L: General Biology I	4
BIO 182: General Biology (Majors) II	4	BIO-182&182L: General Biology II	4
<b>Minimum Number of Credits Required for A.S. in Chemistry at Arizona Western College</b>			64
<b>Total Credits Applied Towards Grand Canyon University's Bachelor of Science in Biology with an Emphasis in Pre-physician Assistant</b>			64

The following table outlines the remaining courses required to fulfill the Bachelor of Science in Biology with an Emphasis in Pre-Physician's Assistant program requirements at Grand Canyon University.

<b>Course #</b>	<b>Bachelor of Science in Biology with an Emphasis in Pre-Physician Assistant</b>	<b>Semester Credits</b>
<b>General Education</b>		
UNV-303	University Success	4
CWV-301	Christian Worldview	4
<b>Program Major</b>		
MAT-274	Probability and Statistics	4
MAT-250	College Algebra and Trigonometry	4
BIO-201&BIO-201L	Human Anatomy and Physiology	4
BIO-202&BIO-202L	Human Anatomy and Physiology II - Lecture	4
BIO-205&BIO-205L	Microbiology	4
BIO-319	Applied Nutrition	4
BIO-483	Pathophysiology	4
CHM-360&CHM-360L	Principles of Biochemistry	4
HLT-302	Spirituality and Christian Values in Health Care and Wellness	4
HLT-305	Legal and Ethical Principles in Health Care	4
HLT-411	Global Health Issues	4
PSY-352	Health Psychology	4
<b>Total Credits Completed at Grand Canyon University</b>		<b>56</b>
Transfer Credits from the Associate of Science in Chemistry – Arizona Western College		64 semester credits
Remaining Credits Required at Grand Canyon University		56 semester credits
<b>Total Credit Hours Needed to Complete Bachelor of Science in Biology with an Emphasis in Pre-Physician Assistant at Grand Canyon University</b>		<b>120 credits</b>

\*To obtain a baccalaureate degree at Grand Canyon University, a student must earn a minimum of 36 semester credits in upper division (300 or above) courses.

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**Associate of Science in Chemistry – Bachelor of Science in Biology with an Emphasis in Pre-Medicine**

The following table outlines the requirements needed to receive an Associate of Science in Chemistry from Arizona Western College. Within the table we have identified preferred courses from Arizona Western College that will be applicable towards Grand Canyon University's Bachelor of Science in Biology with an Emphasis in Pre-Medicine. The following will be used in evaluating official transcripts.

Arizona Western College – Associate of Science in Chemistry	Credits	Grand Canyon University – Bachelor of Science in Biology with an Emphasis in Pre-Medicine	GCU Applied Semester Credits
<b>Required Courses</b>			
CHM 151: General Chemistry I	4	CHM-113&CHM-113L: General Chemistry I	4
CHM 152: General Chemistry II	4	CHM-115&CHM-115L: General Chemistry II-Lecture	4
CHM 235: Organic Chemistry I	5	CHM-231&CHM-231L: Organic Chemistry I	5
CHM 236: Organic Chemistry II	4	CHM-232&CHM-232L: Organic Chemistry II	4
MAT 230: Calculus II with Analytic Geometry	5	MAT-353: Calculus and Analytic Geometry II	5
MAT 262: Introduction to Ordinary Differential Equations	3	General Education: Critical Thinking	3
<b>Arizona General Education Curriculum-Science</b>			
ENG 101: Freshman Composition	3	ENG-105: English Composition I	3
ENG 102: Freshman Composition	3	ENG-106: English Composition II	3
MAT 220: Calculus I with Analytic Geometry or approved higher level math)	5	MAT-352: Calculus and Analytic Geometry I	5
PSY 101: Intro to Psychology	3	PSY-102: General Psychology	3
SOC 101: Intro to Sociology	3	SOC-102: Principles of Sociology	3
Arts and Humanities	6	General Education: Global Awareness	6
PHY 221: General Physics I	4	PHY-111&PHY-111L: General Physics I	4
PHY 222: General Physics II	4	PHY-112&PHY-112L: General Physics II	4
BIO 181: General Biology (Majors) I	4	BIO-181 & BIO-181L: General Biology I	4
BIO 182: General Biology (Majors) II	4	BIO-182&182L: General Biology II	4
<b>Minimum Number of Credits Required for A.S. in Chemistry at Arizona Western College</b>			64
<b>Total Credits Applied Towards Grand Canyon University's Bachelor of Science in Biology with an Emphasis in Pre-Medicine</b>			60

The following table outlines the remaining courses required to fulfill the Bachelor of Science in Biology with an Emphasis in Pre-Physician's Assistant program requirements at Grand Canyon University.

<b>Course #</b>	<b>Bachelor of Science in Biology with an Emphasis in Pre-Medicine</b>	<b>Semester Credits</b>
<b>General Education</b>		
UNV-303	University Success	4
CWV-301	Christian Worldview	4
<b>Program Major</b>		
MAT-274	Probability and Statistics	4
MAT-250	College Algebra and Trigonometry	4
BIO-201	Human Anatomy and Physiology I	4
BIO-202	Human Anatomy and Physiology II	4
BIO-205	Microbiology	4
BIO-457	Genetics	4
BIO-483	Pathophysiology	4
CHM-360&CHM-360	Principles of Biochemistry	4
CHM-451	Pharmacology I	4
HLT-302	Spirituality and Christian Values in Health Care and Wellness	4
HLT-305	Legal and Ethical Principles in Health Care	4
HLT-411	Global Health Issues	4
PSY-361	Attitude and Social Behavior	4
<b>Total Credits Completed at Grand Canyon University</b>		<b>60</b>
Transfer Credits from the Associate of Science in Chemistry – Arizona Western College		60 semester credits
Remaining Credits Required at Grand Canyon University		60 semester credits
<b>Total Credit Hours Needed to Complete Bachelor of Science in Biology with an Emphasis in Pre-Medicine at Grand Canyon University</b>		<b>120 credits</b>

\*To obtain a baccalaureate degree at Grand Canyon University, a student must earn a minimum of 36 semester credits in upper division (300 or above) courses.

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Arizona Western College and Grand Canyon University

**Associate of Science in Chemistry – Bachelor of Science in Biology with an Emphasis in Pre-Physical Therapy**

The following table outlines the requirements needed to receive an Associate of Science in Chemistry from Arizona Western College. Within the table we have identified preferred courses from Arizona Western College that will be applicable towards Grand Canyon University's Bachelor of Science in Biology with an Emphasis in Pre-Physical Therapy. The following will be used in evaluating official transcripts.

Arizona Western College – Associate of Science in Chemistry	Credits	Grand Canyon University – Bachelor of Science in Biology with an Emphasis in Pre-Physical Therapy	GCU Applied Semester Credits
<b>Required Courses</b>			
CHM 151: General Chemistry I	4	CHM-113&CHM-113L: General Chemistry I	4
CHM 152: General Chemistry II	4	CHM-115&CHM-115L: General Chemistry II-Lecture	4
CHM 235: Organic Chemistry I	5	CHM-231&CHM-231L: Organic Chemistry I	5
CHM 236: Organic Chemistry II	4	CHM-232&CHM-232L: Organic Chemistry II	4
MAT 230: Calculus II with Analytic Geometry	5	MAT-353: Calculus and Analytic Geometry II	5
MAT 262: Introduction to Ordinary Differential Equations	3	General Education: Critical Thinking	3
<b>Arizona General Education Curriculum-Science</b>			
ENG 101: Freshman Composition	3	ENG-105: English Composition I	3
ENG 102: Freshman Composition	3	ENG-106: English Composition II	3
MAT 220: Calculus I with Analytic Geometry or approved higher level math)	5	MAT-352: Calculus and Analytic Geometry I	5
PSY 101: Intro to Psychology	3	PSY-102: General Psychology	3
SOC 101: Intro to Sociology	3	SOC-102: Principles of Sociology	3
Arts and Humanities	6	General Education: Global Awareness	6
PHY 221: General Physics I	4	PHY-111&PHY-111L: General Physics I	4
PHY 222: General Physics II	4	PHY-112&PHY-112L: General Physics II	4
BIO 181: General Biology (Majors) I	4	BIO-181 & BIO-181L: General Biology I	4
BIO 182: General Biology (Majors) II	4	BIO-182&182L: General Biology II	4
<b>Minimum Number of Credits Required for A.S. in Chemistry at Arizona Western College</b>			64
<b>Total Credits Applied Towards Grand Canyon University's Bachelor of Science in Biology with an Emphasis in Pre-Physical Therapy</b>			52

The following table outlines the remaining courses required to fulfill the Bachelor of Science in Biology with an Emphasis in Pre-Physician's Assistant program requirements at Grand Canyon University.

<b>Course #</b>	<b>Bachelor of Science in Biology with an Emphasis in Pre-Physical Therapy</b>	<b>Semester Credits</b>
<b>General Education</b>		
UNV-303	University Success	4
CWV-301	Christian Worldview	4
<b>Program Major</b>		
MAT-250	College Algebra and Trigonometry	4
MAT-274	Probability and Statistics	4
BIO-201&BIO-201L	Human Anatomy and Physiology I	4
BIO-202&BIO-202L	Human Anatomy and Physiology II	4
BIO-457	Genetics	4
EXS-214&EXS-214L	Care, Treatment, and Prevention of Athletic Injuries	4
EXS-335&EXS-335	Kinesiology	4
EXS-340&EXS-340L	Physiology of Exercise	4
EXS-370	Pharmacology: Drug Use and Abuse	4
EXS-458	Theory & Practice of Strength and Conditioning	4
HLT-302	Spirituality and Christian Values in Health Care and Wellness	4
HLT-305	Legal and Ethical Principles in Health Care	4
PSY-352	Health Psychology	4
PSY-357	Lifespan Development	4
PSY-361	Attitude and Social Behavior	4
<b>Total Credits Completed at Grand Canyon University</b>		<b>68</b>
Transfer Credits from the Associate of Science in Chemistry – Arizona Western College		52 semester credits
Remaining Credits Required at Grand Canyon University		68 semester credits
<b>Total Credit Hours Needed to Complete Bachelor of Science in Biology with an Emphasis in Pre-Physical Therapy at Grand Canyon University</b>		<b>120 credits</b>

\*To obtain a baccalaureate degree at Grand Canyon University, a student must earn a minimum of 36 semester credits in upper division (300 or above) courses.



Appendix C: Transfer Guide  
between  
Arizona Western College and Grand Canyon University

**Associate of Science in Chemistry – Bachelor of Science in Biology with an Emphasis in Pre-Pharmacy**  
The following table outlines the requirements needed to receive an Associate of Science in Chemistry from Arizona Western College. Within the table we have identified preferred courses from Arizona Western College that will be applicable towards Grand Canyon University’s Bachelor of Science in Biology with an Emphasis in Pre-Pharmacy. The following will be used in evaluating official transcripts.

Arizona Western College – Associate of Science in Chemistry	Credits	Grand Canyon University – Bachelor of Science in Biology with an Emphasis in Pre-Pharmacy	GCU Applied Semester Credits
<b>Required Courses</b>			
CHM 151: General Chemistry I	4	CHM-113&CHM-113L: General Chemistry I	4
CHM 152: General Chemistry II	4	CHM-115&CHM-115L: General Chemistry II	4
CHM 235: Organic Chemistry I	5	CHM-231&CHM-231L: Organic Chemistry I	5
CHM 236: Organic Chemistry II	4	CHM-232&CHM-232L: Organic Chemistry II	4
MAT 230: Calculus II with Analytic Geometry	5	MAT-353: Calculus and Analytic Geometry II	5
MAT 262: Introduction to Ordinary Differential Equations	3	General Education: Critical Thinking	3
<b>Arizona General Education Curriculum-Science</b>			
ENG 101: Freshman Composition	3	ENG-105: English Composition I	3
ENG 102: Freshman Composition	3	ENG-106: English Composition II	3
MAT 220: Calculus I with Analytic Geometry (or approved higher level math)	5	MAT-352: Calculus and Analytic Geometry I	5
PSY 101: Intro to Psychology	3	PSY-102: General Psychology	3
SOC 101: Intro to Sociology	3	SOC-102: Principles of Sociology	3
Arts and Humanities	6	General Education: Global Awareness	6
PHY 221: General Physics I	4	PHY-111&PHY-111L: General Physics I	4
PHY 222: General Physics II	4	PHY-112&PHY-112L: General Physics II	4
BIO 181: General Biology (Majors) I	4	BIO-181 & BIO-181L: General Biology I	4
BIO 182: General Biology (Majors) II	4	BIO-182&182L: General Biology II	4
<b>Minimum Number of Credits Required for A.S. in Chemistry at Arizona Western College</b>			64
<b>Total Credits Applied Towards Grand Canyon University’s Bachelor of Science in Biology with an Emphasis in Pre-Pharmacy</b>			64

The following table outlines the remaining courses required to fulfill the Bachelor of Science in Biology with an Emphasis in Pre-Physician's Assistant program requirements at Grand Canyon University.

<b>Course #</b>	<b>Bachelor of Science in Biology with an Emphasis in Pre-Pharmacy</b>	<b>Semester Credits</b>
<b>General Education</b>		
UNV-303	University Success	4
CWV-301	Christian Worldview	4
<b>Program Major</b>		
COM-210	Public Speaking	4
MAT-274	Probability and Statistics <sup>4</sup>	4
BIO-201&BIO-201L	Human Anatomy and Physiology I	4
MAT-351	Calculus for Biomedical Sciences	4
BIO-202&BIO-202L	Human Anatomy and Physiology II	4
BIO-205&BIO-205L	Microbiology	4
BIO-457	Genetics	4
BIO-483	Pathophysiology	4
CHM-360 &CHM-360L	Principles of Biochemistry	4
CHM-451	Pharmacology I	4
CHM-452	Pharmacology II	4
ECN-220	Introduction to Economics	4
HLT-302	Spirituality and Christian Values in Health Care and Wellness	4
HLT-305	Legal and Ethical Principles in Health Care	4
<b>Total Credits Completed at Grand Canyon University</b>		<b>64</b>

Transfer Credits from the Associate of Science in Chemistry – Arizona Western College	56 semester credits
Remaining Credits Required at Grand Canyon University	64 semester credits
<b>Total Credit Hours Needed to Complete Bachelor of Science in Biology with an Emphasis in Pre-Pharmacy at Grand Canyon University</b>	<b>120 credits</b>

\*To obtain a baccalaureate degree at Grand Canyon University, a student must earn a minimum of 36 semester credits in upper division (300 or above) courses.

Appendix C: Transfer Guide  
between  
Arizona Western College and Grand Canyon University

**Associate of Applied Science in Nursing – Registered Nurse to Bachelor of Science in Nursing (RN to BSN)**  
The following table outlines the requirements needed to receive an Associate of Applied Science in Nursing from Arizona Western College. Within the table we have identified preferred courses from Arizona Western College that will be applicable towards Grand Canyon University’s Registered Nurse to Bachelor of Science in Nursing (RN to BSN). The following will be used in evaluating official transcripts.

Arizona Western College – Associate of Applied Science in Nursing	Credits	Grand Canyon University – Registered Nurse to Bachelor of Science in Nursing (RN to BSN)	GCU Applied Semester Credits
<b>Pre-Requisites</b>			
BIO 201: Anatomy and Physiology I	4	BIO-201&BIO-201L: Human Anatomy and Physiology I	4
CHM 130: Fundamental Chemistry <b>OR</b>	4	CHM-101&CHM-101L: Introduction to Chemistry	4
CHM 151: General Chemistry	4	CHM-113&CHM-113L: General Chemistry I	4
ENG 101: Freshman Composition	3	ENG-105: English Composition I	3
NUR 110: Mathematics for Medications	1	General Elective	1
<b>Program Major</b>			
BIO 202: Anatomy and Physiology I	4	BIO-202&BIO-202L: Human Anatomy and Physiology II	4
BIO 205: Microbiology	4	BIO 205&BIO-205L: Microbiology	4
NUR 117: Pharmacology	1	General Elective	1
NUR 121: Nursing 1	8.25	General Elective	8.25
NUR 122: Nursing 2	8	General Elective	8
NUR 221: Nursing 3	8	General Elective	8
NUR 222: Nursing 4	8	General Elective	8
<b>Other Departmental Requirements</b>			
FAS/PSY 238: Human Development	4	General Elective	4
<b>General Education Requirements</b>			
ENG 102: Freshman Composition	3	ENG 101: Freshman Composition	3
MAT 151: College Algebra: Standard	3	MAT-134: Applications of Algebra	3
PSY 101: Introduction to Psychology	3	PSY 101: Introduction to Psychology	3
ANT 130: Introduction to Cultural Anthropology	3	SOC-315: Cultural Anthropology	3
Arts and Humanities	3	General Education: Global Awareness	3
<b>Minimum Number of Credits Required for A.A.S. in Nursing at Arizona Western College</b>			72.25
<b>Total Credits Applied Towards Grand Canyon University’s Registered Nurse to Bachelor of Science in Nursing (RN to BSN)</b>			72.25

The following table outlines the remaining courses required to fulfill the Registered Nurse to Bachelor of Science in Nursing (RN to BSN) program requirements at Grand Canyon University.

<b>Course #</b>	<b>Registered Nurse to Bachelor of Science in Nursing (RN to BSN)</b>	<b>Semester Credits</b>
<b>Program Major</b>		
NRS-430V	Professional Dynamics	3
NRS-429V	Family Centered Health Promotion	3
NRS-434V	Health Assessment	3
NRS-427V	Concepts in Community and Public Health	3
HLT-362V	Statistics	3
NRS-433V	Introduction to Nursing Research	3
NRS-437V	Ethical Decision-Making in Health Care	3
HLT-310V	Spirituality in Health Care	3
NRS-451V	Nursing Leadership and Management	3
NRS-410V	Pathophysiology and Nursing Management of Client Health	3
NRS-440V	Trends and Issues in Health Care	3
NRS-441V	Professional Capstone Project	3
	Elective credits if needed to reach 120 credit minimum for BS degree	11.75
<b>Total Credits Completed at Grand Canyon University</b>		<b>47.75</b>
Transfer Credits from the Associate of Applied Science in Nursing – Arizona Western College		72.25 semester credits
Remaining Credits Required at Grand Canyon University		47.75 semester credits
<b>Total Credit Hours Needed to Complete Registered Nurse to Bachelor of Science in Nursing (RN to BSN) at Grand Canyon University</b>		<b>120 credits</b>

\*To obtain a baccalaureate degree at Grand Canyon University, a student must earn a minimum of 36 semester credits in upper division (300 or above) courses.