

Bachelor of Science in Biology with an Emphasis in Pre-Pharmacy

Within the table we have identified preferred courses from Maricopa Community Colleges 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 and is recommended to maximize transfer credits:

**Maricopa Community Colleges
Pre-Medical Pathway**

POSSIBLE TRANSFER CREDIT SUMMARY			
	# GCU Credits Required	# Credits Applied	GCU Credits Remaining
I. General Education	36.00	28.00	8.00
II. Major Courses	76.00	40.00	36.00
III. Elective Requirements	8.00	8.00	0.00
TOTAL	120.00	76.00	44.00

I. MARICOPA GENERAL EDUCATION & MAJOR COURSES					
Maricopa Course Code	Maricopa Transfer Credits	# Credits Required	GCU Course Code	GCU Course Title	Applied Semester Credits
ENG101 OR 107	FIRST-YEAR COMPOSITION	3	ENG-105	ENGLISH COMPOSITION I	3.00
ENG102 OR 108	FIRST-YEAR COMPOSITION	3	ENG-106	ENGLISH COMPOSITION II	3.00
CRE101	COLLEGE CRITICAL READING OR Equivalent by assessment	0		Elective Transfer - LD	0.00
	Literacy & Critical Inquiry	3		Elective Transfer - LD	3.00
MAT187	PRECALCULUS	5	MAT-261	PRE-CALCULUS	5.00
MAT206	ELEMENTS OF STATISTICS	3	MAT-274	PROBABILITY AND STATISTICS	3.00
	Humanities, Arts & Design	3		Global Awareness Transfer - LD	3.00
	Humanities, Arts & Design	3		Critical Thinking Transfer - LD OR Global Awareness Transfer - LD	3.00
PSY101	INTRODUCTION TO PSYCHOLOGY	3	PSY-102	GENERAL PSYCHOLOGY	3.00
	Social-Behavioral Sciences	3		Global Awareness Transfer - LD	3.00
BIO181	GENERAL BIOLOGY (MAJORS) I	4	BIO-181 AND BIO-181L	GENERAL BIOLOGY I (LECTURE & LAB)	4.00
BIO182	GENERAL BIOLOGY (MAJORS) II	4	BIO-182 AND BIO-182L	GENERAL BIOLOGY II (LECTURE & LAB)	4.00
CHM151	GENERAL CHEMISTRY I	3	CHM-113	GENERAL CHEMISTRY I	3.00
CHM151LL	GENERAL CHEMISTRY I LABORATORY	1	CHM-113L	GENERAL CHEMISTRY I LAB	1.00
CHM152	GENERAL CHEMISTRY I	3	CHM-115	GENERAL CHEMISTRY II	3.00
CHM152LL	GENERAL CHEMISTRY I LABORATORY	1	CHM-115L	GENERAL CHEMISTRY II LAB	1.00
SPA101	ELEMENTARY SPANISH I	4	SPA-104	ELEMENTARY SPANISH I	4.00
PSY250	SOCIAL PSYCHOLOGY	3	PSY-362	SOCIAL PSYCHOLOGY AND CULTURAL APPLICATIONS	3.00
BIO201	HUMAN ANATOMY AND PHYSIOLOGY I	4	BIO-210 AND BIO-210L	ANATOMY AND PHYSIOLOGY FOR SCIENCE MAJORS I (LECTURE & LAB)	4.00
BIO205	MICROBIOLOGY	4	BIO-215 AND BIO-215L	GENERAL MICROBIOLOGY (LECTURE & LAB)	4.00
BIO202	HUMAN ANATOMY AND PHYSIOLOGY I	4	BIO-211 AND BIO-211L	ANATOMY AND PHYSIOLOGY FOR SCIENCE MAJORS II (LECTURE & LAB)	4.00
CHM235	GENERAL ORGANIC CHEMISTRY I	3	CHM-231	ORGANIC CHEMISTRY I	3.00
CHM235LL	GENERAL ORGANIC CHEMISTRY I LABORATORY	1	CHM-231L	ORGANIC CHEMISTRY I LAB	1.00
PHY111	GENERAL PHYSICS I	4	PHY-111 AND PHY-111L	GENERAL PHYSICS I (LECTURE & LAB)	4.00
CHM236	GENERAL ORGANIC CHEMISTRY II	3	CHM-232	ORGANIC CHEMISTRY II	3.00
CHM236LL	GENERAL ORGANIC CHEMISTRY II LABORATORY	1	CHM-232L	ORGANIC CHEMISTRY II LAB	1.00
PHY112	GENERAL PHYSICS II	4	PHY-112 AND PHY-112L	GENERAL PHYSICS II (LECTURE & LAB)	4.00
TOTAL		80.00			80.00

II. GCU REMAINING GENERAL EDUCATION REQUIREMENTS		
GCU Course Code	GCU Course Title	# Credits Remaining
UNV-103/303*	UNIVERSITY SUCCESS	4.00
CWV-101/301	CHRISTIAN WORLDVIEW	4.00
TOTAL		8.00

III. GCU REMAINING MAJOR REQUIREMENTS		
GCU Course Code	GCU Course Title	# Credits Remaining
SCI-150	CRITICAL ANALYSES IN SCIENCE	4.00
BIO-335	MEDICAL TERMINOLOGY	2.00
SCI-318	RESEARCH METHODS & DESIGN	2.00
MAT-351	CALCULUS FOR BIOMEDICAL SCIENCES	4.00
BIO-457	GENETICS	4.00
CHM-360	PRINCIPLES OF BIOCHEMISTRY	3.00
CHM-360L	PRINCIPLES OF BIOCHEMISTRY LAB	1.00
BIO-483	PATHOPHYSIOLOGY	4.00
CHM-451	PHARMACOLOGY I	4.00
SCI-495	CAPSTONE PROJECT IN THE SCIENCES	4.00
CHM-452	PHARMACOLOGY II	4.00
	Electives if needed to reach 120+ credit minimum	0.00-4.00
TOTAL		36.00

NOTES
<p>o Students interested in attending GCU may request a pre-evaluation of their transfer credits through the LOPES Specialist. The LOPES Specialist will review all previous college transcripts to determine how the credits will be applied to the potential student's desired program of study. To find out more information on how to request a pre-evaluation please visit our website at https://www.gcu.edu/admissions/college-transfer-center/transfer-credits.php.</p> <p>o *Traditional campus students who have transferred in a minimum of 24 college level credits and have a 3.0 GPA or higher can waive the University Foundations course, UNV-303.</p> <p>o Students who complete a transfer-oriented associate degree (Associate of Arts or Associate of Science) may fulfill Grand Canyon University's General Education requirements. See GCU University Policy Handbook or speak to a GCU enrollment counselor for more details.</p> <p>o Students may transfer a maximum of 90 semester credit hours, no more than 84 credits of which can be lower-division.</p> <p>o Students must earn and/or transfer a minimum of 36 semester credits in upper division (300 or above) courses.</p> <p>o Students must earn and/or transfer a minimum of 120 semester credits in order to earn a Bachelor degree.</p> <p>o All Grand Canyon University programs follow a Program of Study, which can be changed by the University at any time. All Programs of Study are subject to the terms, conditions, and policies outlined in the University's enrollment application and the University Policy Handbook.</p>

Effective June 2017