

Bachelor of Science in Biology for Secondary Education (IP/TL)

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 for Secondary Education (IP/TL). The following will be used in evaluating official transcripts and is recommended to maximize transfer credits:

**Maricopa Community Colleges
Associate in Arts (AA); Major: 8400**

POSSIBLE TRANSFER CREDIT SUMMARY			
	# GCU Credits Required	# Credits Applied	GCU Credits Remaining
I. General Education	37.00	25.00	12.00
II. Major Courses	85.00	33.00	52.00
III. Elective Requirements	3.00	3.00	0.00
TOTAL	125.00	61.00	64.00

MARICOPA GENERAL EDUCATION					
Maricopa Course Code	Maricopa Transfer Credits	# Credits Required	GCU Course Code	GCU Course Title	Applied Semester Credits
ENG101 or ENG107	FIRST-YEAR COMPOSITION OR FIRST-YEAR COMPOSITION FOR ESL	3	ENG-105	ENGLISH COMPOSITION I	3.00
ENG102 or ENG108	FIRST-YEAR COMPOSITION OR FIRST-YEAR COMPOSITION FOR ESL	3	ENG-106	ENGLISH COMPOSITION II	3.00
COM225	PUBLIC SPEAKING	3	COM-210	PUBLIC SPEAKING	3.00
CRE101	COLLEGE CRITICAL READING OR Equivalent by assessment	0-3		Elective Transfer - LD	0-3
MAT150/151/152 OR higher course	COLLEGE ALGEBRA/FUNCTIONS	3	MAT-154	APPLICATIONS OF COLLEGE ALGEBRA	3.00
MAT206 or PSY230	ELEMENTS OF STATISTICS OR INTRODUCTION TO STATISTICS	3	MAT-274	PROBABILITY AND STATISTICS	3.00
	Humanities, Arts & Design	6		Global Awareness Transfer - LD	6.00
	Social-Behavioral Sciences	3		Global Awareness Transfer - LD	3.00
EDU222	INTRODUCTION TO THE EXCEPTIONAL LEARNER	3	SPD-200	SURVEY OF SPECIAL EDUCATION: MILD TO MODERATE DISABILITIES	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
TOTAL		35.00			35.00

MARICOPA MAJOR COURSES					
Maricopa Course Code	Maricopa Transfer Credits	# Credits Required	GCU Course Code	GCU Course Title	Applied Semester Credits
MAT187	PRECALCULUS	5	MAT-250	COLLEGE ALGEBRA AND TRIGONOMETRY	5.00
PSY248	PSYCHOLOGY OF ADOLESCENT DEVELOPMENT	3	SEC-201	EARLY ADOLESCENT AND ADOLESCENT PSYCHOLOGY	3.00
BIO201	HUMAN ANATOMY AND PHYSIOLOGY I	4	BIO-201 and BIO-201L	HUMAN ANATOMY AND PHYSIOLOGY I (LECTURE & LAB)	4.00
CHM150 or CHM151 and CHM151LL or CHM150AA or CHM151AA	GENERAL CHEMISTRY I (3-5) AND GENERAL CHEMISTRY I LABORATORY (1)	4	CHM-113 and CHM-113L	GENERAL CHEMISTRY I (LECTURE & LAB)	4.00
POS113 or POS220	UNITED STATES AND ARIZONA SOCIAL STUDIES OR U.S. AND ARIZONA CONSTITUTION	3	POS-301	ARIZONA AND FEDERAL GOVERNMENT	3.00
BIO202	HUMAN ANATOMY AND PHYSIOLOGY II	4	BIO-202 and BIO-202L	HUMAN ANATOMY AND PHYSIOLOGY II (LECTURE & LAB)	4.00
CHM152 and CHM152LL or CHM152AA	GENERAL CHEMISTRY II (3-4) AND GENERAL CHEMISTRY II LABORATORY (1)	4	CHM-115 and CHM-115L	GENERAL CHEMISTRY II (LECTURE & LAB)	4.00
EDU220	INTRODUCTION TO SERVING ENGLISH LANGUAGE LEARNERS (ELL)	3	ESL-223N	SEI ENGLISH LANGUAGE TEACHING: FOUNDATIONS AND METHODOLOGIES	3.00
EDU230	CULTURAL DIVERSITY IN EDUCATION	3	EDU-330	SOCIAL JUSTICE FOR EDUCATORS	3.00
TOTAL		33.00			33.00

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
SCI-210	HISTORY LANDMARKS IN THE NATURAL SCIENCES	2.00
SCI-211	PARADIGM SHIFT IN THE NATURAL SCIENCES	2.00
TOTAL		12.00

GCU REMAINING MAJOR REQUIREMENTS		
GCU Course Code	GCU Course Title	# Credits Remaining
PHY-111	GENERAL PHYSICS I	3
PHY-111L	GENERAL PHYSICS I LAB	1
CHM-235	SURVEY OF ORGANIC CHEMISTRY	3
CHM-235L	SURVEY OF ORGANIC CHEMISTRY LAB	1
SEC-345	CONTENT AREA LITERACY FOR MIDDLE AND SECONDARY TEACHERS	4
ESL-433N	ADVANCED METHODOLOGIES OF STRUCTURED ENGLISH IMMERSION	3
BIO-333	MOLECULAR AND CELLULAR BIOLOGY	4
BIO-320	FUNDAMENTALS OF ECOLOGY	3
BIO-320L	FUNDAMENTALS OF ECOLOGY LAB	1
SEC-355	MIDDLE AND SECONDARY CURRICULUM AND ASSESSMENT	4
SEC-450	DATA DRIVEN INSTRUCTIONAL METHODS FOR MIDDLE AND SECONDARY TEACHERS	4
SEC-455	CLASSROOM ENGAGEMENT AND MANAGEMENT FOR MIDDLE AND SECONDARY TEACHERS	4
BIO-457	GENETICS	4
SCI-480	METHODS OF TEACHING SCIENCE IN SECONDARY SCHOOLS	4
SCI-300L	LABORATORY SAFETY AND SUPERVISION	1
SEC-490	STUDENT TEACHING FOR SECONDARY EDUCATION	8
TOTAL		52.00

RECOMMENDED ELECTIVES TO MAXIMIZE TRANSFER CREDIT					
Maricopa Course Code	Maricopa Transfer Credits	# Credits Required	GCU Course Code	GCU Course Title	Applied Semester Credits
PHY-111 or PHY-111AA	GENERAL PHYSICS I (4-5)	4	PHY-111 and PHY-111L	GENERAL PHYSICS I (LECTURE & LAB)	4.00
CHM230 and CHM230LL	FUNDAMENTAL ORGANIC CHEMISTRY (3) AND FUNDAMENTAL ORGANIC CHEMISTRY LABORATORY (1)	4	CHM-235 and CHM-235L	SURVEY OF ORGANIC CHEMISTRY (LECTURE & LAB)	4.00
EDU233	STRUCTURED ENGLISH IMMERSION (SEI) AND ENGLISH AS A SECOND LANGUAGE (ESL) TEACHING METHODS	3	ESL-433N	ADVANCED METHODOLOGIES OF STRUCTURED ENGLISH IMMERSION	3.00
BIO245	CELLULAR AND MOLECULAR BIOLOGY	4	BIO-333	MOLECULAR AND CELLULAR BIOLOGY	4.00
EDU236 or EDU276	CLASSROOM RELATIONSHIPS OR CLASSROOM MANAGEMENT AND BEHAVIOR ANALYSIS	3	SEC-455	CLASSROOM ENGAGEMENT AND MANAGEMENT FOR MIDDLE AND SECONDARY TEACHERS	3.00
BIO240	GENERAL GENETICS	4	BIO-457	GENETICS	4.00
TOTAL		22.00			22.00

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 November 2017