

**ARTICULATION AGREEMENT FOR A
PROGRAM OF STUDY LEADING TO A
BACHELOR OF SCIENCE IN GEOGRAPHY
OR
BACHELOR OF ARTS IN GEOGRAPHY
BETWEEN
MARSHALL UNIVERSITY AND
PALOMAR COLLEGE**

Marshall University and Palomar College, in order to facilitate the efficient transfer of students between the two institutions, hereby establish these articulated programs of study leading to either the Bachelor of Science degree or the Bachelor of Arts degree in Geography to be granted by Marshall University. This articulation agreement stipulates a course of study leading to a Certificate of Achievement in Advanced Geographic Information Systems or Associate in Science degree, which, if satisfactorily completed by students at Palomar College, will allow them to transfer into the Marshall University College of Liberal Arts and obtain the Bachelor of Science degree or the Bachelor of Arts degree in Geography upon the successful completion of one of the programs outlined in this agreement.

The courses listed in these articulation agreements have been approved by both institutions as fulfilling the necessary and sufficient course requirements for the respective degrees.

Participating students will apply for admission to Marshall University and must meet all admission requirements prior to acceptance and enrollment.

Students admitted to the program may seek financial assistance through the resources offered by Marshall University's Office of Financial Aid.

Students will be issued a unique student identity that will grant them access to all student online resources including, but not limited to, e-mail, course delivery management systems, and online library resources.

The course of study provided by Marshall University for this degree will consist of courses offered in a distance education format. Students are not required to be present on campus to complete the courses or major. The content of the courses, assignments, and grading standards are equivalent to traditional Marshall University courses that lead to the degree. Students are expected to have access to computer technology to complete the distance education courses.

The plans of study are presented as illustrative for full-time students who have fulfilled course prerequisites and completed courses as outlined. Students should note that courses provided by Marshall University will be offered in the sequence presented.

Students who do not complete the sequence of courses outlined in this agreement may require additional time and expense to complete the degree.

All tuition, fees, and other expenses for courses provided by Marshall University will be assessed in accordance with current Marshall University fiscal policies. Students in Distance Learning Programs will be assessed Distance tuition. A student must be enrolled in a Distance Program and be designated as a Distance Student to be assessed Distance Tuition.


Marshall University and Palomar College agree to coordinate changes in the course content or requirements for any courses listed in the articulation agreement in order to ensure continued comparability between the courses offered on each campus.

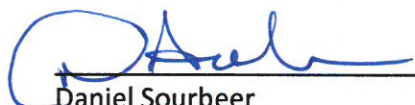
Marshall University and Palomar College agree to renegotiate this agreement as necessary due to changes in curriculum or graduation requirements implemented by either institution. This process will be the responsibility of the faculty at both institutions and the Palomar College Articulation Officer. This agreement may be terminated upon thirty (30) days written notice to the other party.

Students pursuing a bachelor's degree in Geography through the articulation agreement will be bound by the curriculum requirements in effect at the time they are officially accepted into the articulated program. The attached curriculum requirements dated October 30, 2016 will be in effect until officially changed and agreed upon by both institutions.

The terms of this agreement are hereby approved on November 4, 2016 by the respective administration of the two schools.


Jerome A. Gilbert, Ph.D., President
Marshall University


Benjamin Mudgett, M.A.
Articulation Officer/Assistant Professor


Daniel Sourbeer
Vice President of Instruction

Option 1: Bachelor of Science in Geography (with A.S. in GIS at Palomar)

Palomar College

Year one

Fall 1	MU Equivalent	Hours	Spring 1	MU Equivalent	Hours
BIOL 100 General Biology or GEOL100 and 100L Physical Geology/Physical Geology Lab or PHYS 120 General Physics	BSC104 or GLY210+210L or PHY201+PHY 202	4	ENG 202 Critical Thinking and Composition	ENG201	4
ENG 100 English Composition	ENG101	4	GEOG 132 Database Management and Data Acquisition	GEO1xx*	4
GEOG120 Digital Earth: Introduction to Geographical Information Systems	GEO1xx*	4	SPCH 100 Oral Communication	CMM103	3
HE 100 Health Education and Fitness Dynamics	ESS220	3	GEOG Any One Course from 140/141/142/143/144/150	GEO1xx*	1-3
			HE100L Health Performance Lab	PEL1xx*	1-2
Total		15	Total		13-16

Year Two

Fall 2	MU Equivalent	Hours	Spring 2	MU Equivalent	Hours
GEOG 134 GIS Applications and Programming	GEO1xx*	2	GEOG Any One Course from 140/141/142/143/144/150	GEO1xx*	1-3
MATH110 College Algebra	MTH130	4	MATH 120 Elementary Statistics	STA225	4
POSC 101 Introduction to Politics and American Political Institutions or HIST 101 History of the United States Through Reconstruction	PSC104 or HST 230	3	POSC 102 Introduction to the United States and California Governments or HIST 102 History of the United States Since Reconstruction	PSC202 or HST 231	3
GEOG 136 Intermediate Arc GIS: GIS Analysis	GEO1xx*	2	PSYC 100 Introduction to Psychology	PSY201	3
ART 100 Introduction to Art or MUS 100 Music Appreciation or TA 100 Introduction to the Theatre	ART112 or MUS142 or THE112	3	ANTH105 Introduction to Cultural Anthropology	ANT201	3
Total		14	Total		14-16

Summer	MU Equivalent	Hours	
CSIT 150 Introduction to SQL	IST2xx*	4	
GEOG 138 GIS Internship	GEO1xx*	2	
Total		6	

Palomar College: 62-67 Credit Hours

*Courses will transfer to Marshall University as electives in Geography, Integrated Science and Technology, or Physical Education and Lifetime Activities.

Marshall University

Year Three

Fall 3	Hours	Spring 3	Hours
GEO 100 Introduction to Human Geography (CT)	3	GEO 203 (CT) or 222 (CT) or 230 (CT)	3-4
GEO 426 Principles of GIS	4	GEO 440 Spatial Statistics and GIS	4
Any 300/400 level Multicultural course	3	GEO 101 Physical Geography (CT)	4
Humanities course – choose from General Education list	3	300/400 level Literature course	3
GEO 317 World Regional Geography	3		
Total	16	Total	14-15

Year Four

Fall 4	Hours	Spring 4	Hours
GEO 498 Senior Capstone I (WI)	2	GEO 499 Senior Capstone II (WI)	2
Any GEO 300/400 level course	3	Any 300/400 level course	3
Any 300/400 level Literature course – Writing Intensive	3	Any 300/400 level course	3
300/400 level Humanities course – choose from College of Liberal Arts list	3	Any 300/400 level course	3
Any 300/400 level course	3	GEO305 Geography of the United States and Canada	3
Any 300/400 level course	3		
Total	17	Total	14

Marshall University: 61-62 Credit Hours

Total: 123-129 Credit Hours

Option 2: Bachelor of Science in Geography (with Certificate of Achievement in GIS at Palomar)

Palomar College

Year one

Fall 1	MU Equivalent	Hours	Spring 1	MU Equivalent	Hours
BIOL 100 General Biology or GEOL100 and 100L Physical Geology/Physical Geology Lab or PHYS 120 General Physics	BSC104 or GLY210+210L or PHY201+PHY 202	4	ENG 202 Critical Thinking and Composition	ENG201	4
ENG 100 English Composition	ENG101	4	GEOG 132 Database Management and Data Acquisition	GEO1xx*	4
GEOG120 Digital Earth: Introduction to Geographical Information Systems	GEO1xx*	4	SPCH 100 Oral Communication	CMM103	3
GEOG 115 Natural Disasters and Environmental Hazards or GEOG 125 California Geography or GEOG 195 Regional Field Studies in Geography	GEO1xx*	3	GEOG Any One Course from 140/141/142/143/144/150	GEO1xx*	1-3
Total		15	Total		12-14

Year Two

Fall 2	MU Equivalent	Hours	Spring 2	MU Equivalent	Hours
GEOG 134 GIS Applications and Programming	GEO1xx*	2	GEOG Any One Course from 140/141/142/143/144/150	GEO1xx*	1-3
MATH110 College Algebra	MTH130	4	MATH 120 Elementary Statistics	STA225	4
POSC 101 Introduction to Politics and American Political Institutions or HIST 101 History of the United States Through Reconstruction	PSC104 or HST 230	3	POSC 102 Introduction to the United States and California Governments or HIST 102 History of the United States Since Reconstruction	PSC202 or HST 231	3
GEOG 136 Intermediate Arc GIS: GIS Analysis	GEO1xx	2	PSYC 100 Introduction to Psychology	PSY201	3
ART 100 Introduction to Art or MUS 100 Music Appreciation or TA 100 Introduction to the Theatre	ART112 or MUS142 or THE112	3	GEOG 110 Meteorology: Weather and Climate or GEOG 115 Natural Disasters and Environmental Hazards or GEOG 125 California Geography or GEOG 195 Regional Field Studies in Geography	GEO230 or GEO1xx*	3
Total		14	Total		14-16

Summer	MU Equivalent	Hours	
CSIT 150 Introduction to SQL	IST2xx*	4	
GEOG 138 GIS Internship	GEO1xx*	2	
Total		6	

Palomar College: 61-65 Credit Hours

*Courses will transfer to Marshall University as electives in Geography, Integrated Science and Technology, or Physical Education and Lifetime Activities.

Marshall University

Year Three

Fall 3	Hours	Spring 3	Hours
GEO 100 Introduction to Human Geography (CT)	3	GEO 203 (CT) or 222 (CT) or 230 (CT)	3-4
GEO 426 Principles of GIS	4	GEO 440 Spatial Statistics and GIS	4
Any 300/400 level Multicultural course	3	GEO 101 Physical Geography (CT)	4
Humanities course – choose from General Education list	3	300/400 level Literature course	3
GEO 317 World Regional Geography	3		
Total	16	Total	14-15

Year Four

Fall 4	Hours	Spring 4	Hours
GEO 498 Senior Capstone I (WI)	2	GEO 499 Senior Capstone II (WI)	2
Any GEO 300/400 level course	3	Any 300/400 level Social Science course – choose from College of Liberal Arts list	3
Any 300/400 level Literature course – Writing Intensive	3	Any 300/400 level course	3
300/400 level Humanities course – choose from College of Liberal Arts list	3	Any 300/400 level course	3
Any 300/400 level course	3	GEO305 Geography of the United States and Canada	3
Any 300/400 level course	3		
Total	17	Total	14

Marshall University: 61-62 Credit Hours

Total: 122-127 Credit Hours

Option 3: Bachelor of Arts in Geography (with Certificate of Achievement in GIS at Palomar)

Palomar College

Year one

Fall 1	MU Equivalent	Hours	Spring 1	MU Equivalent	Hours
BIOL 100 General Biology or GEOL100 and 100L Physical Geology/Physical Geology Lab or PHYS 120 General Physics	BSC104 or GLY210+210L or PHY201+PHY 202	4	ENG 202 Critical Thinking and Composition	ENG201	4
ENG 100 English Composition	ENG101	4	GEOG 132 Database Management and Data Acquisition	GEO1xx*	4
GEOG120 Digital Earth: Introduction to Geographical Information Systems	GEO1xx*	4	GEOG Any One Course from 140/141/142/143/144/150	GEO1xx*	1-3
SPAN 101 Spanish I	SPN101	5	SPAN 102 Spanish II	SPN102	5
Total		17	Total		14-16

Year Two

Fall 2	MU Equivalent	Hours	Spring 2	MU Equivalent	Hours
GEOG 134 GIS Applications and Programming	GEO1xx*	2	GEOG Any One Course from 140/141/142/143/144/150	GEO1xx*	1-3
MATH110 College Algebra	MTH130	4	MATH 120 Elementary Statistics	STA225	4
SPAN 201 Spanish III	SPN203	5	POSC 102 Introduction to the United States and California Governments or HIST 102 History of the United States Since Reconstruction	PSC202 or HST 231	3
GEOG 136 Intermediate Arc GIS: GIS Analysis	GEO1xx*	2	SPCH 100 Oral Communication	CMM103	3
ART 100 Introduction to Art or MUS 100 Music Appreciation or TA 100 Introduction to the Theatre	ART112 or MUS142 or THE112	3	SPAN 202 Spanish IV	SPN204	5
Total		16	Total		16-18

Summer	MU Equivalent	Hours	
CSIT 150 Introduction to SQL	IST2xx*	4	
GEOG 138	GEO1xx*	2	
Total		6	

Palomar College: 69-73 Credit Hours

*Courses will transfer to Marshall University as electives in Geography, Integrated Science and Technology, or Physical Education and Lifetime Activities.

Marshall University

Year Three

Fall 3	Hours	Spring 3	Hours
GEO 100 Introduction to Human Geography (CT)	3	GEO 203 (CT) or 222 (CT) or 230 (CT)	3-4
GEO 426 Principles of GIS	4	GEO 440 Spatial Statistics and GIS	4
Any 300/400 level Multicultural course	3	GEO 101 Physical Geography (CT)	4
Humanities course – choose from General Education list	3	300/400 level Literature course	3
GEO 317 World Regional Geography	3		
Total	16	Total	14-15

Year Four

Fall 4	Hours	Spring 4	Hours
GEO 498 Senior Capstone I (WI)	2	GEO 499 Senior Capstone II (WI)	2
Any GEO 300/400 level course	3	Any 300/400 level Social Science course (not Geography) – choose from the College of Liberal Arts list	3
Any 300/400 level Literature course – Writing Intensive	3	Any 300/400 level course	3
300/400 level Humanities course – choose from College of Liberal Arts list	3	Any 300/400 level course	3
Any 300/400 level course	3	GEO305 Geography of the United States and Canada	3
Any 300/400 level course	3		
Total	17	Total	14

Marshall University: 61-62 Credit Hours

Total: 130-135 Credit Hours