

**ARTICULATION AGREEMENT FOR A  
PROGRAM OF STUDY  
ASSOCIATE OF APPLIED SCIENCE IN GEOGRAPHIC SYSTEMS  
FROM MOUNTWEST COMMUNITY AND TECHNICAL COLLEGE  
LEADING TO A  
BACHELOR OF SCIENCE IN GEOGRAPHY  
FROM  
MARSHALL UNIVERSITY**

Marshall University (Marshall) and Mountwest Community and Technical College (Mountwest), in order to facilitate the efficient transfer of students between the two institutions, hereby establish this articulated program of study leading to the Bachelor of Science degree in Geography to be granted by Marshall. Students participating in this program will complete a course of study leading to an Associate of Applied Science – Geospatial Science and Technology Concentration (degree). Students who meet admission requirements may be admitted to Marshall to complete the requirements for the Bachelor of Science degree in Geography. Marshall University will accept up to 72 hours of college-level course credit from MountWest for this degree.

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

Students working toward a degree will be encouraged to work with academic advisors to ensure their previous, current, and future courses fulfill the requirements listed herein. Course substitutions may be available upon the approval of the appropriate Marshall or Mountwest department chair and academic dean.

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 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.


Marshall and Mountwest agree to monitor and support the provisions of this agreement to ensure program consistency and quality, and transferability of the benefit of the students of both institutions. Marshall and Mountwest 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.

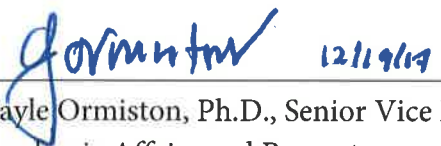
Marshall and Mountwest agree to renegotiate this agreement as necessary due to changes in curriculum or graduation requirements implemented by either institution. This process will be the responsibility of the appropriate deans at both institutions. This agreement may be terminated upon thirty (30) days written notice to the other party: provided that the students currently pursuing a degree shall be permitted to complete the degree.


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 December 11, 2017 will be in effect until officially changed and agreed upon by both institutions.

The terms of this agreement are hereby approved on December 11, 2017 by the respective administration of the two schools.

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

  
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Keith J. Cotroneo, Ed.D., President  
Mountwest Community and Technical  
College

  
\_\_\_\_\_  
Gayle Ormiston, Ph.D., Senior Vice President  
Academic Affairs and Provost  
Marshall University

  
\_\_\_\_\_  
Harry Faulk, Executive Vice President  
& Chief Academic Officer  
Mountwest Community and Technical  
College

**Mountwest Community & Technical College**

Associate of Applied Science – Geospatial Science and Technology Concentration

**YEAR ONE**

<b>Fall</b>	<b>Marshall Equivalent</b>	<b>Hours</b>	<b>Spring</b>	<b>Marshall Equivalent</b>	<b>Hours</b>
ENL 111 Written Communication	ENG 101	3	COM 112 Oral Communication	CM 103	3
IT 101/102 Fundamentals of Computers (EDGE)	IST 1XX <sup>1</sup>	3	GST 165 Concepts of Spatial Analysis and 3D Modeling	GEO 1XX <sup>1</sup>	3
IT 120 Network Operating System	IST 1XX <sup>1</sup>	4	GST 260 Integration of GIS & Information Systems	GEO 2XX <sup>1</sup>	3
GST 160 GIS Concepts	GEO 1XX <sup>1</sup>	3	GST 150 Intro to Drone Technology	GEO 1XX <sup>1</sup>	3
GEO 150 Introduction to Geography	GEO 100	3	MAT 210 Statistics for Business and Industry <sup>3</sup>	MGT 218	3
	<b>Total</b>	<b>16</b>		<b>Total</b>	<b>15</b>

**YEAR TWO**

<b>Fall</b>	<b>Marshall Equivalent</b>	<b>Hours</b>	<b>Spring</b>	<b>Marshall Equivalent</b>	<b>Hours</b>
IT 250 Applications to Databases	IST 1XX <sup>1</sup>	3	GST 263 GIS Programming	GEO 2XX <sup>1</sup>	3
ENL 231 Technical Report Writing	ENG 354 <sup>2</sup>	3	GST 299 Information Technology Internship	IST 2XX <sup>1</sup>	3
GST 266 Digital Cartography	GEO 2XX <sup>1</sup>	3	MFE 230 Computer Aided Design II	UNC 2XX <sup>1</sup>	4
MFE220 Computer Aided Design I	UNC 2XX <sup>1</sup>	4	EC 102 Basic Economics <sup>3</sup>	ECN 200	3
POLS101 Introduction to American Government <sup>3</sup>	PSC 104	3	Elective: ENL115 Written Communication	ENG 201	3
	<b>Total</b>	<b>16</b>		<b>Total</b>	<b>16</b>

Upon admission to Marshall University and selecting the Bachelor of Science in Geography major, the department will assign an advisor to the student who will help the student register for courses necessary to complete the degree.

Notes:

12/11/2017

- 1 Courses listed as IXX or 2XX represent courses not taught by Marshall University for which the students will nevertheless receive academic credit.
- 2 Students will receive credit for the content of the course but will need to complete an elective at the 300-400 level to complete Marshall degree requirements.
- 3 These are electives that match requirements at Marshall University. Substitutions may be possible. Ask an advisor at Mountwest or Marshall for more information.

### Marshall University

#### Bachelor of Science - Geography

Fall 3	Hours	Spring 3	Hours
ART 112 or MUS 102 or THE 112	3	GEO 230 Intro Meteorology (CT)	4
Humanities Elective; see <a href="http://www.marshall.edu/gened">http://www.marshall.edu/gened</a>	3	GEO 440 Spatial Statistics and GIS	4
GEO 426 Principles of GIS	4	GEO 101 Physical Geography (CT)	4
Any 300/400 level Multicultural course	3	Any 300/400 level Humanities Elective; see Liberal Arts list	3
Any 300/400 level GEO course (International studies)	3	Any 300/400 level course	3
Total	16	Total	18

Fall 4	Hours	Spring 4	Hours
GEO 350 Severe Storms and Natural Hazards	4	GEO 499 Senior Capstone II (WI)	2
GEO 498 Senior Capstone I (WI)	2	GEO 317 World Regional Geography	3
Any 300/400 level Literature course; see: <a href="http://www.marshall.edu/cola/files/Courses-with-a-Literature-Attribute.pdf">http://www.marshall.edu/cola/files/Courses-with-a-Literature-Attribute.pdf</a>	3	Any 300/400 level course	3
Any 300/400 level Literature course; see <a href="http://www.marshall.edu/cola/files/Courses-with-a-Literature-Attribute.pdf">http://www.marshall.edu/cola/files/Courses-with-a-Literature-Attribute.pdf</a>	3	Any 300/400 level GEO course	3
Any 300/400 level GEO course	3	Any 300/400 level course	3
Total	15	Total	14