

**B.S. GEOGRAPHY: GIScience TRACK
Guidance Record**

II. GENERAL EDUCATION REQUIREMENTS: WRITING EMPHASIS, SPEAKING EMPHASIS, ETHICS*

(*refer to General Education Advising Sheet)

Students entering WCU with fewer than 40 credits must take at least 3 approved writing emphasis courses, 3 approved speaking emphasis requirements, and an ethics requirement; students with 40-70 credits must take two writing emphasis courses. At least 3 credits must be in 300 or 400 level courses. Writing, Speaking and Ethics Emphasis courses may cover other requirements as well.

Writing Emphasis:

GEO 310 Pop. Geog. _____

ENG 368 or 371 _____

GEO 400 _____

Speaking Emphasis:

SPK208 or 230 _____

Ethics:

III. GEOGRAPHY MAJOR REQUIREMENTS

Planning and GIS Core: (24 credits)

Required:

GEO 102 Physical Geography 3 _____

GEO 225 Maps and Remote Sensing 3 _____

GEO 230 Envir Conserv & Sustainability 3 _____

GEO 310 Population Geography 3 _____

GEO 324 Introduction to GIS 3 _____

GEO 326 Geographic Analysis 3 _____

GEO 400 Senior Seminar 3 _____

GEO 404 Senior Project 3 _____

Additional Required Course: (3 credits)

Required:

GEO 101 World Geography, or 3 _____

GEO 103 Human Geography, or

GEO 104 Intro to Geospatial Technologies

GIS TRACK Requirements: (9 credits)

Required:

GEO 328 Computer Cartography 3 _____

GEO 424 GIS Applications 3 _____

GEO 427 Geodatabases 3 _____

Electives: (9 credits)

(choose from the following, or others by advisement)

GEO 205 Geography of Agric Food & Sustainability 3 _____

GEO 214 Intro to Planning 3 _____

GEO 312 Urban Geography 3 _____

GEO 316 Planning for Resilient Communities and Natural Disasters 3 _____

GEO 318 Economic Geography 3 _____

GEO 325 Intro to Business GIS 3 _____

GEO 331 Transportation Planning 3 _____

GEO 334 Sustainable Living 3 _____

GEO 336 Environmental Planning 3 _____

GEO 354 Geography & Plng of Housing 3 _____

GEO 415 Internship (3-9 credit hours) _____

GEO 425 Business GIS Applications 3 _____

GEO 427 Geodatabase Systems 3 _____

GEO 401 Internet Mapping 3 _____

GEO 338 Environmental Apps of GIS 3 _____

PLN 320 Land Use Planning 3 _____

PLN 322 Land Development Controls 3 _____

Cognates: (15 credits)

Required:

ENG 368 or 371 3 _____

Select four additional courses from the Electives listed above or others by advisement. Alternatively, complete a minor from another discipline.

_____ 3 _____

_____ 3 _____

_____ 3 _____

_____ 3 _____

Note: 120 credits is the minimum required to graduate.

GENERAL EDUCATION REQUIREMENTS

NAME _____	WCU ID _____
DATE ENROLLED WCU _____	DATE ENROLLED MAJOR _____
EMAIL _____ (if used regularly).	

Enter WCU	Fall 2014 to Spring 2019	Fall 2019 and Later
Academic Foundations <i>16-19 credits</i>	WRT 120 or WRT120/ENG150 (per placement) WRT 200, 204, 205, 206, 208, 220 MAT>103 (major specific) SPK 208, 230 Diverse Communities (J) Interdisciplinary (I)	First-Year Experience _____ WRT 120 or WRT123 (per placement) _____ WRT 200, 204, 205, 206, 208, 220 _____ MAT>103 (major specific) _____ Diverse Communities (J) _____ Interdisciplinary (I) _____
Science <i>6 credits and 2 different prefixes</i>	2 different prefixes BIO 100,110 CHE 100,103, 107,160 CSC 110, 115, 141 ESS 101, 111, 112, 130, 170 PHI 125 PHY 100,105,123, 130,140,170,180	2 different prefixes BIO 100,110 _____ CHE 100,103, 107,160 _____ CSC 110, 115, 141 _____ ESS 101, 111, 112, 130, 170 _____ PHI 125 _____ PHY 100,105,123, 130,140,170,180 _____
Behavioral & Social Science <i>6 credits and 2 different prefixes</i>	2 different prefixes ANT 101,102,103 ECO 111, 112, 200 PSC 100, 101, 213 PSY 100, 199 SOC 200, 240, 245	2 different prefixes ANT 101,102,103 _____ ECO 111, 112, 200 _____ PSC 100, 101, 213 _____ PSY 100, 199 _____ SOC 200, 240, 245 _____
Humanities <i>6 credits and 2 different prefixes</i>	2 different prefixes HIS 100, 101, 102,150,151, 152, 444 LIT 100,165, 219, 220, or CLS 165, 260, 261 PHI 100, 101, 125, 150, 180, 201, 206, 207, 220, 280, 282, 350 PHY 125	2 different prefixes HIS 100, 101, 102,150,151, 152, 444 _____ LIT 100,165, 219, 220, or CLS 165, 260, 261 _____ PHI 100, 101, 125, 150, 180, 201, 206, 207, 220, 280, 282, 350 _____ PHY 125 _____
The Arts <i>3 credits</i>	AMF 251; ARH 101 103 104 210 211 ART 106 111 113 228 231 DAN 132 133 134 135 136 137 138 150 210; EGE 405; ESP 305 309 FLM 200 GER 405 MDA 240 MHL 121 125 210 312 325 MTC 110 SPA 313 THA 101 103 212	AMF 251 _____ ARH 101 103 104 210 211 _____ ART 106 111 113 228 231 _____ DAN 132 133 134 135 136 137 138 150 210 _____ EGE 405; ESP 305 309; FLM 200 GER 405 MDA 240 _____ MHL 121 125 210 312 325 MTC 110; SPA 313 THA 101 103 212 _____
Writing Emphasis		9 credits with 3 credits at the 300-400 level. (See the Department's B.S. Advising Sheet for a detailed explanation and course offerings that fulfill these requirements.)
Speaking Emphasis		9 credits with 3 credits at the 300-400 level. (See the Department's B.S. Advising Sheet for a detailed explanation and course offerings that fulfill these requirements.)
Ethics Requirement		3 credits (See the Department's B.S. Advising Sheet for a detailed explanation and course offerings that fulfill these requirements.)
Free Electives (any level)	<i>9 credits</i> _____ _____ _____	<i>17 credits</i> _____ _____ _____ _____ _____