

**COLLEGE OF SCIENCE – IST – NATURAL RESOURCES AND RECREATION MANAGEMENT**

Name \_\_\_\_\_ Date \_\_\_\_\_

**A 2.0 GPA is required for graduation.**

**COMPLETED COLLEGE OF SCIENCE SPECIFIC REQUIREMENTS**

**3 hours, Literature**

**COMPLETED MAJOR SPECIFIC REQUIREMENTS (33 HOURS)**

*Required Connections Courses – Meets Core I Critical Thinking Requirement*

IST 120 Connections I 3 \_\_\_\_\_ IST 220 Connections II (Prereq IST 120 **AND** Sophomore standing) 3 \_\_\_\_\_

*Required Computing Courses*

IST 160 Intro to Programming 3 \_\_\_\_\_ IST 260 Instrumentation **OR** IST 265 Tech Found 3 \_\_\_\_\_

*Required Mathematics Courses*

IST 130 Analytical I (Prereq ACT 21 **OR** MTH 130/127 **AND** 122) 4 \_\_\_\_\_

MTH 140 (ACT 24 **OR** MTH 130/127 **AND** 122) 3 \_\_\_\_\_

*Required Science Courses – Meets College and Core II Science requirements*

BSC 120 Prin of Biology I **OR** IST 111 Living Systems **OR** BSC 104 Gen Biology I **OR** BSC 105 Gen Biology II 4 \_\_\_\_\_

IST 212 Energy 3 \_\_\_\_\_

*Required Service Learning*

IST 301 Public Service Experience 1 \_\_\_\_\_ 300 Hours of Field Experience (permission) \_\_\_\_\_

*Required Senior Capstone*

PLS 490 **OR** IST 490 Capstone (permission) 6 \_\_\_\_\_

**COMPLETED NATURAL RESOURCES & RECREATION MANAGEMENT REQUIREMENTS (38 HOURS)**

IST 322 Applied Ecology: Terrestrial Systems 4 \_\_\_\_\_

IST 323 Applied Ecology: Aquatic Ecology 4 \_\_\_\_\_

PLS 101 Introduction to NRRM 3 \_\_\_\_\_

PLS 310 Environmental Interpretation 3 \_\_\_\_\_

PLS 402 Research, Evaluation and Assessment of NRRM 3 \_\_\_\_\_

PLS 411 Natural Area & Park Planning and Design 3 \_\_\_\_\_

PLS 432 Wilderness and Protected Area Management 3 \_\_\_\_\_

300 – 400 PLS or IST Elective \_\_\_\_\_ 3 \_\_\_\_\_

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**One of the following:** BSC 460 Conservation Biology; GEO 416 Environmental Planning; GEO 422 Environmental Geography;

GLY 456 Environmental Geology; IST 423 GIS; **OR** IST 435 Biomonitoring

\_\_\_\_\_ 3 \_\_\_\_\_

**COMPLETED 300 – 400 UPPER LEVEL ELECTIVES (16 hours with 6 hours above 300 level). Electives approved by your PLS faculty advisor.**

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# MARSHALL UNIVERSITY CORE REQUIREMENTS

Must have a **GRADE** in **ALL** required courses (except for AP credit)

**\*\*\*A 2.00 GPA is required for graduation\*\*\***

**COMPLETED**      **CORE I, 9 CREDIT HOURS – Must be 100 – 299 level**

\_\_\_\_\_ **3 hrs, First Year Seminar** \_\_\_\_\_  
 \_\_\_\_\_ **6 hrs, Critical Thinking** \_\_\_\_\_

**COMPLETED**      **CORE II, 25 CREDIT HOURS – Must be 100 – 299 level**

\_\_\_\_\_ **6 hours, Composition** (Grade of **C** or higher required)  
 ENG101 3 hrs. \_\_\_\_\_ **AND** ENG 102 3 hrs. \_\_\_\_\_ **OR** ENG 201H 6 hrs. \_\_\_\_\_  
*Must earn a C or better in ENG 102 or ENG 201H in order to graduate.*

\_\_\_\_\_ **3 hours, Communications** CMM 103 \_\_\_\_\_ CMM 104H \_\_\_\_\_ **OR** CMM 207 \_\_\_\_\_

\_\_\_\_\_ **3 hours, Fine Arts** ART 112 \_\_\_\_\_ MUS 142 \_\_\_\_\_ **OR** THE 112 \_\_\_\_\_

\_\_\_\_\_ **3 hours, Humanities** \_\_\_\_\_  
 CL 210\*, 231, 232, 233, 234, 235, 236, 237, 250  
 CMM 205, 239, 240  
 ENG 200\*, 202, 203, 206, 209, 210, 211, 212, 213, 215, 220, 225, 231, 235, 236, 240, 241, 242  
 FRN 240  
 GER 240  
 JPN 240  
 PHL 200, 200H, 201, 250  
 RST 205, 206, 250  
 SPN 240

\_\_\_\_\_ **3 hours, Math** (*MTH 140, MTH 229, OR IST 131 for Science majors*) \_\_\_\_\_

\_\_\_\_\_ **4 hours, Natural or Physical Sciences** \_\_\_\_\_  
 BSC 104, 105, 120, 121, 228, 250  
 CHM 211 plus 217, 212 plus 218  
 GLY 110 plus 210L, 150 plus 150L, 200 plus 210L  
 ISC 200, 201, 202, 205, 208, 209  
 IST 111, 131, 224, 230  
 PHY 101 plus 101L, 201 plus 202, 203 plus 204, 211 plus 202 or 212, 213 plus 204 or 214  
 PS 109 plus 109L, 110 plus 110L

\_\_\_\_\_ **3 hours, Social Science** \_\_\_\_\_  
 ANT 201\*, ANT 201H CMM 213, 255 CJ 200, 211, 221, 231, 241 GEO 100\*, 203, 206  
 HST 101\*, 102\*, 103\*, 103H, 125, 200, 205, 206, 208\*, 219, 220, 221, 223, 230\*, 230H\*, 231\*, 231H\*, 250, 260, 265  
 PSC 104, 105, 202, 207, 209, 211, 233 PSY 201, 201H, 223 SOC 200\*, 200H\*

*\*Core II courses that have also been approved as Core I (CT) courses*

\_\_\_\_\_ **3 hours, Multicultural** \_\_\_\_\_ **OR** **International studies** \_\_\_\_\_  
 \_\_\_\_\_ **6 hours, Writing Intensive** \_\_\_\_\_  
 \_\_\_\_\_ **Capstone 2 – 3 hrs** \_\_\_\_\_

**TOTAL HOURS REQUIRED – AT LEAST 120 OF WHICH 40 MUST BE 300 – 499 LEVEL**

**Total Hours** \_\_\_\_\_ **300-400 level hours** \_\_\_\_\_