**MARSHALL UNIVERSITY HERD ACADEMY PATHWAYS: ALLIED HEALTH**

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| **Grade** | **English/ Communication** | **Math/ Science** | **Social Science/Fine Arts** | **Allied Health Courses** | **Notes** |
| **10/11** | English 101 and English 201 or Communications 103/213, English Literature | College Algebra (Math 127, 130) Concepts and Applications (Math 121 and 121B), STA 150/150L, STA 225, MGT 218, PSY 223, MTH 132, MTH 140  BSC 105/Chemistry 205, BSC 227-Anatomy, BSC 228-Physiology, BSC 120/120L, BSC 121/121L, CHM 111, CHM 211/217L, CHM 212/218L, BSC 250 | Art 112, Theater 112, Music 142  Psychology 201, Political Science 104(Fulfills high school Civics requirement) | * Medical Terminology-HS 200 * Intro to Applied Anatomy & Physiology-HS 201 * Intro to Health Professions-HP 110 * Health Science Seminar-HP 210 * Intro to Human Diseases-HP 240 * Personal Health 1 and Personal Health 2-HS 220 and HS 221 * Intro to Athletic Training-HS 215 * Introduction to Communication Disorders-CD101 * CLS 105-Clinical Lab Sciences * Intro to Athletic Training-HS215 * Physiology of Fitness-ESS 211 * Fitness & Wellness-ESS 220 * Intro to Pharmaceutical Sci and Careers BSPS 101 and 201 | All courses/registrations will depend on the following factors:   * Course availability * Student test scores * Student high school graduation needs. * Student’s career goals within the pathway |
| **12** | English 101 and English 201 or Communications 103/213, English Literature | College Algebra (Math 127, 130) Concepts and Applications (Math 121 and 121B), STA 150/150L, STA 225, MGT 218, PSY 223, MTH 132, MTH 140  BSC 105/Chemistry 205, BSC 227/227L-Anatomy, BSC 228/228L-Physiology, BSC 120/120L, BSC 121/121L, CHM 111, CHM 211/217L, CHM 212/218L | Art 112, Theater 112, Music 142  Psychology 201, Political Science 104(Fulfills high school Civics requirement) | * Medical Terminology-HS 200 * Intro to Applied Anatomy & Physiology-HS 201 * Intro to Health Professions-HP 110 * Health Science Seminar-HP 210 * Intro to Human Diseases-HP 240 * Personal Health 1 and Personal Health 2-HS 220 and HS 221 * Introduction to Communication Disorders-CD101 * CLS 105-Clinical Lab Sciences * Intro to Athletic Training-HS215 * Physiology of Fitness-ESS 211 * Fitness & Wellness-ESS 220 * Intro to Pharmaceutical Sci and Careers BSPS 101 and 201 | **Leads to these career fields:**  Medical Imaging  Medicine  Nursing  Respiratory Therapy  Public Health  Communication Disorders  Athletic Training /Exercise Science  Health Sciences  Pharmacy |

**MARSHALL UNIVERSITY HERD ACADEMY PATHWAYS: ENGINEERING/IT/CYBER FORENSICS & SECURITY**

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| **Grade** | **English/ Communication** | **Math/ Science** | **Social Science/Fine Arts** | **Engineering/IT Courses** | **Notes** |
| **10/11** | English Composition- English 101 and English 201, Communication Studies CMM 103/207, English Literature | College Algebra (Math 127, 130) Pre-calculus (Math 132), Trig, Math 122, MTH 140, MTH 229  BSC 105, BSC 104, CHM 111, CHM 211/217L, CHM 212/218L, GLY 100/210L | Art 112, Theater 112, Music 142  Psychology 201, Political Science 104(Fulfills high school Civics requirement) | * Exploring Word with Computing-CS 105 * Computer Science 1-CS 110 * Introduction to Cyber forensics-CFS 200 * Intro to Linux-CFS 261 * Project Lead the Way Courses * Business Computer Applications-MIS 200 * Intro to Occupational Safety-SFT 235 * Engineering Seminars-ENGR 103, 104 * Principles of Management-MGT 320 * Spreadsheet and Database Apps-CIT 150 | All courses/registrations will depend on the following factors:   * Course availability * Student test scores * Student high school graduation needs. * Student’s career goals within the pathway |
| **12** | English Composition- English 101 and English 201, Communication Studies CMM 103/207, English Literature | College Algebra (Math 127, 130) Pre-calculus (Math 132), Trig, Math 122, MTH 140, MTH 229  BSC 105, BSC 104, CHM 111, CHM 211/217L, CHM 212/218L, GLY 100/210L | Art 112, Theater 112, Music 142  Psychology 201, Political Science 104(Fulfills high school Civics requirement) | * Exploring Word with Computing-CS 105 * Computer Science 1-CS 110 * Introduction to Cyber forensics-CFS 200 * Intro to Linux-CFS 261 * Project Lead the Way Courses * Business Computer Applications-MIS 200 * Intro to Occupational Safety-SFT 235 * Engineering Seminars-ENGR 103, 104 * Principles of Management-MGT 320 | **Leads to these career fields:**  Engineering  Cyber Forensics  Cybersecurity  Advanced Manufacturing  Web Development  IT  Management Information Systems |

**MARSHALL UNIVERSITY HERD ACADEMY PATHWAYS: BEHAVIORAL HEALTH/SOCIAL SCIENCE**

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| **Grade** | **English/ Communication** | **Math/ Science** | **Social Science/Fine Arts/Foreign Language** | **Behavioral Health/Social Science Courses** | **Notes** |
| **10/11** | English Composition- English 101 and English 201, Communication Studies CMM 103/207, English Literature | College Algebra (Math 127, 130) Concepts & Applications (Math 121) Foundations of Statistics-STA 150 and 150L , Trig, Math 122    Biology 105, Biology 104, Physical Geography-Geo 101, GLY 150/150L | Art 112, Theater 112, Music 142  Psychology 201, Political Science 104(Fulfills high school Civics requirement)  Year 1 and 2 Foreign Language | * History (100 and 200 level classes) * Intro to Social Work-SWK 203 * Introduction to Communication Disorders-CD 101 * Language & Speech Dev-CD 228 * Intro to Criminal Justice-CJ 200 * Introduction to Sociology-SOC 200 * Intro to Law Enforcement-CJ 211 * Child Development-Psych 311 * Understanding Society-SOC 200 | All courses/registrations will depend on the following factors:   * Course availability * Student test scores * Student high school graduation needs. * Student’s career goals within the pathway |
| **12** | English Composition- English 101 and English 201, Communication Studies CMM 103/207, English Literature | College Algebra (Math 127, 130) Concepts & Applications (Math 121) Foundations of Statistics-STA 150 and 150L  Biology 105, Biology 104, Physical Geography-Geo 101, GLY 150/150L | Art 112, Theater 112, Music 142  Psychology 201, Political Science 104(Fulfills high school Civics requirement)  Year 1 and 2 Foreign Language | * History (100 and 200 level classes) * Intro to Social Work-SWK 203 * Introduction to Communication Disorders-CD 101 * Language & Speech Dev-CD 228 * Intro to Criminal Justice-CJ 200 * Introduction to Sociology-SOC 200 * Intro to Law Enforcement-CJ 211 * Child Development-Psych 311 * Understanding Society-SOC 200 | **Leads to these career fields:**  Communication Disorders  Political Science  Criminal Justice/Law  Social work  Psychology/Behavioral Health Fields  Political Science  Law |

**MARSHALL UNIVERSITY HERD ACADEMY PATHWAYS: BUSINESS**

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| **Grade** | **English/ Communication** | **Math/ Science** | **Social Science/Fine Arts** | **Business Courses** | **Notes** |
| **10/11** | English Composition- English 101 and English 201, Communication Studies CMM 103/207, English Literature | College Algebra (Math 127, 130) Concepts & Applications (Math 121) Foundations of Statistics-STA 150 and 150L,  Biology 105, Biology 104, Physical Geography-Geo 101, GLY 150/150L | Art 112, Theater 112, Music 142  Psychology 201, Political Science 104(Fulfills high school Civics requirement) | * Business Computer Applications-MIS 200 * Introduction to Business-BUS 100, MGT 100 * Intro to Entrepreneurship-ENT 250 * Principles of Microeconomics-ECN 250, Principles of Macroeconomics ECN 253 * Intro to Sports Management-STHM-250 * Sports in Society-STHM 218 * Legal Environment of Business-LE 207 * Fund Journalism, Writing- JMC 100 * Media Literacy-JMC 101 | All courses/registrations will depend on the following factors:   * Course availability * Student test scores * Student high school graduation needs. * Student’s career goals within the pathway |
| **12** | English Composition- English 101 and English 201, Communication Studies CMM 103/207, English Literature | College Algebra (Math 127, 130) Concepts & Applications (Math 121) Foundations of Statistics-STA 150 and 150L,  Biology 105, Biology 104, Physical Geography-Geo 101, GLY 150/150L | Art 112, Theater 112, Music 142  Psychology 201, Political Science 104(Fulfills high school Civics requirement) | * Business Computer Applications-MIS 200 * Introduction to Business-BUS 100, MGT 100 * Intro to Entrepreneurship-ENT 250 * Principles of Microeconomics-ECN 250, Principles of Macroeconomics ECN 253 * Sports in Society-STHM 218 * Intro to Sports Management-STHM-250 * Legal Environment of Business-LE 207 * Fund Journalism, Writing- JMC 100 * Media Literacy-JMC 101 | **Leads to these career fields:**  Finance  Entrepreneurship  Management Information Systems  Accounting  Management  Marketing  Human Resources  Sports Management & Marketing  Public Relations  Law |

**MARSHALL UNIVERSITY HERD ACADEMY PATHWAYS: EDUCATION**

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| **Grade** | **English/ Communication** | **Math/ Science** | **Social Science/Fine Arts** | **Education** | **Notes** |
| **10/11** | English 101 and English 201 or Communications 103, English Literature | College Algebra (Math 127, 130) Concepts and Applications (Math 121), Trig (Math 122) BSC 105 | Art 112, Theater 112, Music 142  Psychology 201, Political Science 104, (Fulfills high school Civics requirement) History 101, 102, 103, 230, 231, GEO 317, ECN 250, ECN 253 | * Schools in a Diverse Society -EDF 475 * HE & PE in Early Child Programs -WELL-305 * Educational Foundations -EDF 201 * Child with Exceptionalities- CISP 421 * Early Childhood Wellbeing-ECE 101 | All courses/registrations will depend on the following factors:   * Course availability * Student test scores * Student high school graduation needs. * Student’s career goals within the pathway |
| **12** | English 101 and English 201 or Communications 103, English Literature | College Algebra (Math 127, 130) Concepts and Applications (Math 121), Trig (Math 122) BSC 105 | Art 112, Theater 112, Music 142  Psychology 201, Political Science 104, (Fulfills high school Civics requirement) History 101, 102, 103, 230, 231, GEO 317, ECN 250, ECN 253 | * Schools in a Diverse Society -EDF 475 * HE & PE in Early Child Programs -WELL-305 * Educational Foundations -EDF 201 * Child with Exceptionalities- CISP 421 * Early Childhood Wellbeing-ECE 101 |  |

**MARSHALL UNIVERSITY HERD ACADEMY PATHWAYS: TOURISM & AGRICULTURE**

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| **Grade** | **English/ Communication** | **Math/ Science** | **Social Science/Fine Arts/Foreign Language** | **Tourism & Agriculture Courses** | **Notes** |
| **10/11** | English 101 and English 201 or Communications 103, CMM 207 English Literature, Humanities | College Algebra (Math 127, 130), STA 150, STA 150 L, STA 225  NRE 111 -Living Systems | Art 112, Theater 112, Music 142  Psychology 201, Political Science 104, (Fulfills high school Civics requirement)  100 & 200 Level History courses  Year 1 and 2 of Foreign Language | * STHM 218-Sports in Society * STHM 250-Intro to Sport MGT * ECN 250-Principles of Microeconomics * ECN 253-Principles of Macroeconomics * MIS 200 -Management Information Systems * MGT 320-Principles of Management * MKT 231 -Principles of Marketing * NRRM 101-Intro to Natural Resource & Rec Management * NRE 120-Discussion in Env Science * NRE 200 -Intro to Agriculture * ENT 250-Intro to Entrepreneurship * JMC 100-Fund Journalism, Writing, | All courses/registrations will depend on the following factors:   * Course availability * Student test scores * Student high school graduation needs. * Student’s career goals within the pathway |
| **12** | English 101 and English 201 or Communications 103, CMM 207 English Literature, Humanities | College Algebra (Math 127, 130), STA 150, STA 150, L, STA 225  NRE 111-Living Systems | Art 112, Theater 112, Music 142  Psychology 201, Political Science 104, (Fulfills high school Civics requirement)  100 & 200 Level History courses  Year 1 and 2 of Foreign Language | * STHM 218-Sports in Society * STHM 250-Intro to Sport Management * ECN 250-Principles of Microeconomics * ECN 253-Principles of Macroeconomics * MIS 200 -Management Information Systems * MGT 320-Principles of Management * MKT 231 -Principles of Marketing * NRRM 101-Intro to Natural Resource & Rec Management * NRE 120-Discussion in Env Science * NRE 200 -Intro to Agriculture * ENT 250-Intro to Entrepreneurship JMC 100-Fund Journalism, Writing, | **lEl**  **Leads to these career fields:**  Public Relations  Marketing  Museum Tour Guide  Museum Tour Archivist or Curator  Business Management  Business Owner  Park Ranger  Fish & Game Warden  Environmentalist  Parks & Recreation |