**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 140BSC 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 142Psychology 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 140BSC 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 142Psychology 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 MedicineNursing 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 229BSC 105, BSC 104, CHM 111, CHM 211/217L, CHM 212/218L, GLY 100/210L | Art 112, Theater 112, Music 142Psychology 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 142Psychology 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:** EngineeringCyber 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 142Psychology 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 142Psychology 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/LawSocial work Psychology/Behavioral Health Fields Political Science Law  |

**MARSHALL UNIVERSITY HERD ACADEMY PATHWAYS: BUSINESS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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 142Psychology 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 142Psychology 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:**FinanceEntrepreneurshipManagement Information Systems Accounting Management Marketing Human Resources Sports Management & MarketingPublic 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 142Psychology 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 142Psychology 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
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**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 142Psychology 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 225NRE 111-Living Systems  |  Art 112, Theater 112, Music 142Psychology 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 GuideMuseum Tour Archivist or Curator Business Management Business Owner Park Ranger Fish & Game Warden Environmentalist Parks & Recreation  |