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| **BS Geography Four Year Academic Pathway** |  |
| **Year 1** | **Fall** | **Spring** |  |
| **Benchmark Requirements****GES 110, 120****Math 150; BIOL 141, CHEM 101****University Requirements** ENGL 100 (or equivalent) and a credit-bearing math course to be completed within the first year of academic study. |  | Credits | Grade |  | Credits | Grade |
| GES 110 (S) | 3 |  | GES 120 | 3 |  |
| MATH 150 (M) | 4 |  | BIOL 141  | 4 |  |
| C GEP | 3 |  | CHEM 101 | 4 |  |
| SS GEP | 3 |  | SS GEP | 3 |  |
| English 100 | 3 |  |  |  |  |
|  |  |  |  |  |  |
| *Total* | 16 |  | *Total* | 14 |  |
| **Year 2** | **Fall** | **Spring** |
| **Benchmark Requirements****GES 286, 386****MATH 151****STAT 350, 351, or 355** |  | Credits | Grade |  | Credits | Grade |
| GES 286 (S Lab GEP) | 4 |  | GES 386 | 4 |  |
| BIOL 142 | 3 |  | GES 300 Physical Elective | 3 |  |
| MATH 151 | 4 |  | STAT 350, 351, or 355 | 4 |  |
| LANG GEP | 4 |  | LANG GEP | 4 |  |
| PE | (1.5) |  | PE | (1.5) |  |
|  |  |  |  |  |  |
| *Total* | 15 |  | *Total* | 15 |  |
| **Year 3** | **Fall** | **Spring** |
| **Benchmark Requirements****GES 319 (WI)****GES 308****Major Requirements****(1) 400 GES 400 Level Physical; (1) GES 300 Level Human and (1) 300 Level GES Physical Science**  |  | Credits | Grade |  | Credits | Grade |
| GES 308 | 3 |  | GES 400 Physical Elective | 3 |  |
| GES 319 (WI) | 3 |  | Additional General Sci. Elective from approved list | 3 |  |
| GES 300 Human Elective | 3 |  | GES 300 Physical Elective | 3 |  |
| AH GEP | 3 |  | SS GEP | 3 |  |
| LANG GEP | 4 |  | AH GEP | 3 |  |
|  |  |  |  |  |  |
| *Total* | 16 |  | *Total* | 15 |  |  |
| **Year 4** | **Fall** | **Spring** |
| **Major Requirements****(1) GES 300 Level Human Elective; (1) GES 400 Elective ; (4) GES 300-400**  |  | Credits | Grade |  | Credits | Grade |
| GES 300 Human Elective | 3 |  | GES 300-400 Elective | 3 |  |
| GES 400 Elective | 3 |  | GES 300-400 Elective | 3 |  |
| AH GEP | 3 |  | GES 300-400 Elective | 3 |  |
| GES 300-400 Elective | 3 |  | Any Elective  | 3 |  |
| Any Elective\* | 3 |  | Any Elective | 3 |  |
|  |  |  |  |  |  |
| *Total* | 15 |  | *Total* | 15 |  |
|  | **\*Any Elective= Any course at any level in any department Total =121** |

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| **University Requirements** | **Major Requirements** |
| **GEP / GFR (pre Summer 2007 higher ed start)** |
| **Requirements:** | **Course** | **Credits** | **Grade** | **Benchmark Requirements** | **Year** | **Credits** | **Grade** |
| Arts & Humanities (AH) *- see Note below* |  |  |  | GES 110 | 1 | 3 |  |
| Arts & Humanities (AH) |  |  |  | GES 120 | 1 | 3 |  |
| Arts & Humanities (AH) |  |  |  | MATH 150 | 1 | 4 |  |
| Social Sciences (SS) *- see Note below* |  |  |  | BIOL 141 | 1 | 4 |  |
| Social Sciences (SS) |  |  |  | CHEM 101 | 1 | 4 |  |
| Social Sciences (SS) |  |  |  | GES 286 | 2 | 4 |  |
| Sciences (S) - with lab |  |  |  | GES 386 | 2 | 3 |  |
| Lab |  |  |  | BIOL 142 | 2 | 3 |  |
| Sciences (S) - with or without lab |  |  |  | MATH 151 | 2 | 4 |  |
| Math (M) [GFR = (MS)] |  |  |  | STAT 350, 351, 355 | 2 | 4 |  |
| Language (L) - through 201 level | \_ 201 |  |  | 300 GES Physical  | 2 | 3 |  |
| Global Culture (C) [GFR may replace w/ 2nd lang] |  |  |  | GES 308 | 3 | 3 |  |
| Global Culture (C) - GEP BA only |  |  |  | GES 319 (WI) | 3 | 3 |  |
| Writing Intensive (WI) |  |  |  | GES 300 Human Elective  | 3 | 3 |  |
| Physical Ed (PE) - Institutional credit only |  | 1.5 |  | GES 400 Physical Elective | 3 | 3 |  |
| Physical Ed (PE) - Institutional credit only |  | 1.5 |  | Gen Science Elective | 3 | 3 |  |
| *Note: AH & SS from at least 2 disciplines for GEP/ AH & SS from at most 2 disciplines for GFR* |  |
| **Additional UMBC Graduation Requirements:** | **Other Requirements:** |  **Course** | **Credits** | **Grade** |
|  At least 120 academic credits |  |  |  |  |
|  At least 30 credits earned at UMBC |  |  |  |  |
|  At least 45 upper level credits (300 and 400 level) |  |  |  |  |
|  At least 2.0 GPA |  |  |  |  |
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| **Other Requirements:** | **Course** | **Credits** |  **Grade** |  |  |  |  |
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| For More Information Contact the GES Main Office 410-455-2002 or go to our webpage www.umbc.edu/ges. |  |  |  |  |  |  |  |
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