

College of Humanities and Social Sciences - School of Integrative Studies
Integrative Studies, BA with Concentration in Life Sciences with Prepharmacy Emphasis

| | Catalog Year: 2019 - 2020 | | Grades | |
|------------------------------------|--------------------------------------|---------|--------|--------|
| Mason Core Requirements | Course Information | Credits | Earned | Needed |
| Written Communication: | ENGH 101 (100) | 3 | | |
| Oral Communication: | May be met by INTS 101 or 202 | 0-3 | | |
| Quantitative Reasoning | | 3 | | |
| Information Technology | May be met by INTS 345 or 445 | 0-3 | | |
| Arts | May be met by INTS 245 or 346 | 0-3 | | |
| Global Understanding | May be met by INTS 303, 406, or 416 | 0-3 | | |
| Literature | May be met by INTS 101 | 0-3 | | |
| Natural Science Overview | May be met by INTS 301 | 0-3 | | |
| Natural Science with Lab | Maybe met with INTS 210, 311, or 403 | 0-4 | | |
| Social and Behavioral Sciences | May be met by an INTS course | 0-3 | | |
| Western Civilization/World History | HIST 100 or 125 can apply to major | 0-3 | | |
| Written Communication: | ENGH 302 | 3 | | |
| Synthesis/Capstone | May be met by an INTS course | 0-3 | | |

Major Requirements (min. 30 credits with at least 15 credits at the 300/400-levels). Students must have a minimum GPA of 2.00 in courses applied to the major and concentration. While fulfilling the concentration requirements, students are also responsible for completing a minimum of 30 credits of INTS coursework. Any INTS courses required for the concentration will apply

| Integrative Studies Coursework (minimum 30 credits): Any INTS course will apply | | Credits | Earned | Needed |
|---|-----------------------------------|---------|--------|--------|
| INTS 391 | Understanding Integrative Studies | | | |
| INTS Course # 1: | | | | |
| INTS Course # 2: | | | | |
| INTS Course # 3: | | | | |
| INTS Course # 4: | | | | |
| INTS Course # 5: | | | | |
| INTS Course # 6: | | | | |
| INTS Course # 7: | | | | |
| INTS Course # 8: | | | | |
| INTS Course # 9: | | | | |
| INTS Course # 10: | | | | |

Concentration in Life Sciences with PrePharmacy Emphasis (48 credits)

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|------------------------|--|---|--|--|
| BIOL 103 | Introductory Biology I (Mason Core) | 4 | | |
| BIOL 213 | Cell Structure and Function (Mason Core) | 4 | | |
| CHEM 211 | General Chemistry I (Mason Core) | 3 | | |
| & CHEM 213 | and General Chemistry Laboratory I (Mason Core) | 1 | | |
| CHEM 212 | General Chemistry II (Mason Core) | 3 | | |
| & CHEM 214 | and General Chemistry Laboratory II (Mason Core) | 1 | | |
| CHEM 313 | Organic Chemistry I | 3 | | |
| CHEM 315 | Organic Chemistry Lab I | 2 | | |
| CHEM 314 | Organic Chemistry II | 3 | | |
| CHEM 318 | Organic Chemistry Lab II | 2 | | |
| MATH 113 | Analytic Geometry and Calculus I (Mason Core) | 4 | | |
| MATH 114 | Analytic Geometry and Calculus II | 4 | | |
| PHIL 151 | Introduction to Ethics | 3 | | |
| or PHIL 309 | Bioethics (Mason Core) | | | |
| PHYS 103 | Physics and Everyday Phenomena I (Mason Core) | 4 | | |
| or PHYS 243 & PHYS 244 | College Physics I and Lab I (Mason Core) | | | |
| PHYS 104 | Physics and Everyday Phenomena II (Mason Core) | 4 | | |
| or PHYS 245 & PHYS 246 | College Physics II and Lab II (Mason Core) | | | |
| STAT 250 | Introductory Statistics I (Mason Core) | 3 | | |

Degree Notes

Any remaining credits may be completed with electives to bring degree total to 120 with 45 credits at the 300/400 level.

This 4 year plan is only ONE of many paths to complete a BA in Integrative Studies with a concentration in Applied Global Conservation. Students should meet with an advisor each semester to plan courses and check progress.

| YEAR 1 | | | | | |
|------------------------------|---|--|-------------------------|--|----------------------------|
| Fall: 2019 | | | Spring: 2020 | | |
| Credits | Course | | Credits | A | B |
| 6 | INTS 101 Narratives of Identity* | | 6 | INTS 102 * | Choose column A or B |
| 3 | ENGH 101 Written Communication* | | 3 | IT 104* | |
| 3 | STAT 250 Intro Statistics* | | 3 | Social/Behavioral* | |
| 3 | Art* | | 3 | Minor or Elective | |
| 15 | Total Credits | | 15 | Total Credits | |
| YEAR 2 | | | | | |
| Fall: 2020 | | | Spring: 2021 | | |
| Credits | Course | | Credits | Course | |
| 4 | BIOL 103 Introductory Biology* | | 3 | ENGH 302 Advanced Composition* | |
| 4 | MATH 113 Analytic Geometry & Calculus I | | 4 | MATH 114 Analytic Geometry & Calculus II | |
| 4 | INTS 3xx/4xx Elective Course | | 4 | PHYS 103 Physics & Everyday Phenomena I | |
| 3 | Minor or Elective | | 3 | INTS 391 Understanding Integrative Studies | |
| | | | 1 | Elective | |
| 15 | Total Credits | | 15 | Total Credits | |
| YEAR 3 | | | | | |
| Fall: 2021 | | | Spring: 2022 | | |
| Credits | Course | | Credits | Course | |
| 3 | CHEM 211 General Chemistry I* | | 3 | CHEM 212 General Chemistry II | |
| 1 | CHEM 213 General Chemistry Lab I* | | 1 | CHEM 214 General Chemistry Lab II | |
| 4 | BIOL 213 Cell Structure & Function | | 4 | PHYS 104 Physics & Everyday Phenomena II | |
| 4 | INTS 3xx/4xx Elective Course | | 4 | INTS 3xx/4xx Elective Course | |
| 3 | Minor or Elective 3xx/4xx | | 3 | Minor or Elective 3xx/4xx | |
| 15 | Total Credits | | 15 | Total Credits | |
| YEAR 4 | | | | | |
| Start BAM Program Fall: 2022 | | | Graduation Spring: 2023 | | |
| Credits | Course | | Credits | Course | |
| 3 | CHEM 313 Organic Chemistry I | | 3 | CHEM 314 Organic Chemistry II | |
| 2 | CHEM 315 Organic Chemistry Lab I | | 2 | CHEM 318 Organic Chemistry Lab II | |
| 3 | PHIL 309 Bioethics | | 3 | Minor or Elective 3xx/4xx | |
| 4 | INTS 3xx/4xx Elective Course | | 4 | Minor or Elective 3xx/4xx | |
| 3 | Minor or Elective | | 3 | Minor or Elective | |
| 15 | Total Credits | | 15 | Total Credits | |
| | | | 120 | Total Degree Credits | |

*Fulfills General Education requirement

This plan includes all BA degree requirements including: 120 credits, Mason Foundation & Core, 30 credits Integrative Studies courses, Concentration requirements, and 45 upper level credits.