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| **Imperial Valley College- Associate in Science (A.S.) Biology to****Bachelor of Science in Biological and Natural Resource Sciences- NAU*****Unofficial Degree Pathway Guide – 2024-2025*** |
| [ ]  **Associate degree core:** [**MAJOR – A.S.-T**](https://imperial.curriqunet.com/catalog/iq/6401/6481/6596) |
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| [ ] [**CSU GE-B**](https://imperial.curriqunet.com/catalog/iq/6415/6506) **Requirements: 39 units minimum.**[ ] [**IGETC**](https://imperial.curriqunet.com/catalog/iq/6415/6507) **Requirements: 37 units minimum.****Complete one of the general education transfer patterns listed above (CSU GE-B or IGETC).** **Students with a completed CSU GE-B or IGETC with a 2.5 GPA or better will be guaranteed admission to NAU as well as satisfy all NAU Liberal Studies Requirements** |
| Contact your [NAU Transfer Representative](https://nau.edu/admission/student-service-coordinators/) for an evaluation. |
| **Course #** | **Course Title** | **Credits** | **Completed** |
| **Community College Coursework** |
| BIOL 180 (BIO 181) | General Biology: Molecules, Cells & Genetics | 4 |  |
| BIOL 182 (BIO 182 | General Biology: Principles of Organismal Biology | 4 |  |
| CHEM 200 (CHM 151/L) | General Inorganic Chemistry I | 5 |  |
| CHEM 202 (CHM 152/L) | General Inorganic Chemistry II | 5 |  |
| CHEM 204 (CHM 235) | Organic Chemistry I | 5 |  |
| MATH 192 (MAT 136) | Analytic Geometry and Calculus I | 4 |  |
| PHYS 200 (PHY 161/L) | General Physics I | 4 |  |
| PHYS 202 (PHY 262/L) | General Physics II | 4 |  |
|  **TOTAL** | **35** |  |
| **Electives to reach 64 credits**  |  |  |
| **TOTAL** | **64** |  |

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| **Bachelor of Science Curriculum: Biological and Natural Resource Sciences** |
| **Course #** | **Course Title** | **Credits** | **Completed** |
| **Northern Arizona University – Yuma**  |
| **Biology Core Courses (28 units)** |
| BIO 181/L | Unity of Life I: Life of the Cell with Lab (**Met with BIOL 180**) | MET |  |
| BIO 182/L | Unity of Life II: Lives of Multicellular Organisms with Lab (**Met with BIOL 182**) | MET |  |
| BSC 350/L | Classical and Molecular Genetics with Lab | 4 |  |
| BSC 395 | Science Career Development | 1 |  |
| BSC 396 | Ethics in Science | 1 |  |
| BSC 408 or 485 | Fieldwork Experience or Undergraduate Research | 3 |  |
| BSC 460/L or CHM 360/L | Principles of Biochemistry with Lab **or** Fundamental Biochemistry with Lab | 4 |  |
| BSC 326/LW | Ecology with Lab (Meets Junior Level Writing Requirement) | 4 |  |
| BSC 435C | Evolutionary Biology (Meets Senior Capstone Requirement) | 3 |  |
| **Total Units for Core Courses (28)** |

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| **Select Additional Coursework From: (12 units)** |
| ANY 100-200 BIO | (Except BIO 100 or any BIO Recitation) |  |  |
| ANY BSC Course | Exclude BSC 310 |  |  |
| BSC 497 | Independent Study (Up to 6 Units) |  |  |
| NON BSC/BIO Prefix Courses | Up to 8 Units from the Following: (ENV 115, ENV 181, ENV 171, ENV 360, FOR 213, FOR 222, FOR 225, FOR 255, GLG 102, GSP 239) |  |  |
| **Total Units for Additional Coursework (12)** |
| **Physical Science Foundation** |
| **Basic Chemistry Sequence:** |  |  |  |
| CHM 151/L | General Chemistry I with Lab (Met with CHEM 200) | **MET** |  |
| CHM 152/L | General Chemistry II with Lab (Met with CHEM 202) | **MET** |  |
| **Organic Chemistry** **Sequence:** |  |  |  |
| CHM 235/L | Organic Chemistry I with Lab (Met with CHEM 204) | **MET** |  |
| **Math Requirement:** |  |  |  |
| MAT 136 | Calculus I (Met with MATH 192) | **MET** |  |
| **Physics Sequence:** |  |  |  |
| PHY 161 | University Physics I (Met with PHYS 200) | **MET** |  |
| PHY 262/L | University Physics II (Met with PHYS 202) | **MET** |  |
| PHY 263 (Recommended) | Choosing to Complete this Sequence, then PHY 263 is recommended |  |  |
| **Electives:** | If needed to get to 56 credits (select classes with your advisor and career goals) |  |  |
| **Total Credits: 120**  | **Total:** | **56** |  |