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| Student Name:  Student ID:   Program:  Credential: | **OSS Only**  Credential Analyst:  Date Reviewed: |

**Biological Sciences**

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| **General Science Domains** | | | | | | | | | |
| **CSET Subtest Number** | **Domain** | **Description** | | | | | | | |
| **I** | **1. Scientific Practices, Engineering Design and Applications, and Crosscutting Concepts** | Understand scientific practices  Understand engineering practices, design, and applications  Understand crosscutting concepts among the sciences and engineering | | | | | | | |
| **Course Alpha(s) & Number(s)** | **Course Titles(s)** | | **Institutions(s)** | | | **Catalog Link(s)** | **Final Grade(s)** | | **Meets Domain (OSS only)** |
|  |  | |  | | |  |  | | Yes  No |
| **Course Description(s):** | | | | | | | | |
| **I** | **2. Physical Sciences** | Understand structure and properties of matter  Understand chemical reactions and biochemistry  Understand motion and stability: forces and interactions  Understand waves and their applications in technologies for information transfer  Understand energy  Understand electricity and magnetism | | | | | | | |
| **Course Alpha(s) & Number(s)** | **Course Titles(s)** | | **Institutions(s)** | | **Catalog Link(s)** | | | **Final Grade(s)** | **Meets Domain (OSS only)** |
|  |  | |  | |  | | |  | Yes  No |
| **Course Description(s):** | | | | | | | | |
| **I** | **3. Life Sciences** | Understand the structure and function of cells  Understand growth, development, and energy flow in organisms  Understand ecosystems: interactions, energy, and dynamics  Understand heredity: inheritance and variation of traits  Understand biological evolution: unity and diversity | | | | | | | |
| **Course Alpha(s) & Number(s)** | **Course Titles(s)** | | | **Institutions(s)** | | **Catalog Link(s)** | | **Final Grade(s)** | **Meets Domain (OSS only)** |
|  |  | | |  | |  | |  | Yes  No |
| **Course Description(s):** | | | | | | | | |
| **I** | **4. Earth and Space Sciences** | Understand Earth’s place in the universe  Understand Earth’s materials and systems and surface processes  Understand plate tectonics and large-scale system interactions  Understand weather and climate  Understand natural resources and natural hazards | | | | | | | |
| **Course Alpha(s) & Number(s)** | **Course Titles(s)** | | | **Institutions(s)** | | **Catalog Link(s)** | | **Final Grade(s)** | **Meets Domain (OSS only)** |
|  |  | | |  | |  | |  | Yes  No |
| **Course Description(s):** | | | | | | | | |
| **Biology Domains** | | | | | | | | | |
| **II** | **5. Molecules to Organisms: Structures and Processes** | Understand the structure and function of cells  Understand the hierarchical organizations and functioning of systems in multicellular organisms  Understand growth and development of organisms  Understand matter and energy flow in organisms | | | | | | | |
| **Course Alpha(s) & Number(s)** | **Course Titles(s)** | | | **Institutions(s)** | | **Catalog Link(s)** | | **Final Grade(s)** | **Meets Domain (OSS only)** |
|  |  | | |  | |  | |  | Yes  No |
| **Course Description(s):** | | | | | | | | |
| **II** | **6. Ecosystems: Interaction, Energy, and Dynamics** | Understand interdependent relationships in ecosystems  Understand cycles of matter and energy transfer in ecosystems  Understand ecosystem dynamics, functioning, and resilience | | | | | | | |
| **Course Alpha(s) & Number(s)** | **Course Titles(s)** | | | **Institutions(s)** | | **Catalog Link(s)** | | **Final Grade(s)** | **Meets Domain (OSS only)** |
|  |  | | |  | |  | |  | Yes  No |
| **Course Description(s):** | | | | | | | | |
| **II** | **7. Heredity: Inheritance and Variation of Traits** | Understand inheritance of traits  Understand variation of traits and genetic engineering | | | | | | | |
| **Course Alpha(s) & Number(s)** | **Course Titles(s)** | | | **Institutions(s)** | | **Catalog Link(s)** | | **Final Grade(s)** | **Meets Domain (OSS only)** |
|  |  | | |  | |  | |  | Yes  No |
| **Course Description(s):** | | | | | | | | |
| **II** | **8. Biological Evolution** | Understand evidence of common ancestry and diversity  Understand natural selection  Understand adaptation | | | | | | | |
| **Course Alpha(s) & Number(s)** | **Course Titles(s)** | | | **Institutions(s)** | | **Catalog Link(s)** | | **Final Grade(s)** | **Meets Domain (OSS only)** |
|  |  | | |  | |  | |  | Yes  No |
| **Course Description(s):** | | | | | | | | |

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| **OSS Only:**  Subtest I met through coursework: Yes   No  Subtest II met through coursework: Yes   No |
| **OSS Notes:** |