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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 practicesUnderstand engineering practices, design, and applicationsUnderstand 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)** |
|  |  |  |  |  | YesNo |
| **Course Description(s):**  |
| **I** | **2. Physical Sciences** | Understand structure and properties of matter Understand chemical reactions and biochemistryUnderstand 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)** |
|  |  |  |  |  | YesNo |
| **Course Description(s):**  |
| **I** | **3. Life Sciences**  | Understand the structure and function of cellsUnderstand growth, development, and energy flow in organismsUnderstand ecosystems: interactions, energy, and dynamicsUnderstand heredity: inheritance and variation of traitsUnderstand 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)** |
|  |  |  |  |  | YesNo |
| **Course Description(s):**  |
| **I** | **4. Earth and Space Sciences**  | Understand Earth’s place in the universeUnderstand Earth’s materials and systems and surface processes Understand plate tectonics and large-scale system interactionsUnderstand weather and climateUnderstand 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)** |
|  |  |  |  |  | YesNo |
| **Course Description(s):**  |
| **Biology Domains** |
| **II** | **5. Molecules to Organisms: Structures and Processes**  | Understand the structure and function of cellsUnderstand the hierarchical organizations and functioning of systems in multicellular organismsUnderstand growth and development of organismsUnderstand 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)** |
|  |  |  |  |  | YesNo |
| **Course Description(s):**  |
| **II** | **6. Ecosystems: Interaction, Energy, and Dynamics** | Understand interdependent relationships in ecosystemsUnderstand cycles of matter and energy transfer in ecosystemsUnderstand 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)** |
|  |  |  |  |  | YesNo |
| **Course Description(s):**  |
| **II** | **7. Heredity: Inheritance and Variation of Traits**  | Understand inheritance of traitsUnderstand 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)** |
|  |  |  |  |  | YesNo |
| **Course Description(s):**  |
| **II** | **8. Biological Evolution**  | Understand evidence of common ancestry and diversityUnderstand natural selectionUnderstand adaptation |
| **Course Alpha(s) & Number(s)** | **Course Titles(s)** | **Institutions(s)** | **Catalog Link(s)** | **Final Grade(s)** | **Meets Domain (OSS only)** |
|  |  |  |  |  | YesNo |
| **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:**     |