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

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| **General Science Domains** | | | | | | | | | |
| **CSET Subtest Number** | **Domain** | **Description** | | | | | | | |
| **I** | **1. 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):** | | | | | | | | |
| **Chemistry Domains** | | | | | | | | | |
| **II** | **5. Structure and Properties of Matter** | Understand the structure of matter  Understand the properties of matter  Understand the behavior and properties of solutions  Understand nuclear processes | | | | | | | |
| **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. Chemical Reaction and Chemical Bonding** | Understand chemical reactions  Understand chemical bonding  Understand conservation of matter and stoichiometry  Understand organic chemistry and biochemistry | | | | | | | |
| **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. Energy** | Understand the definitions of energy, conservation of energy, and energy transfer  Understand energy in chemical processes and everyday life | | | | | | | |
| **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:** |