| 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)** |
|  |  |  |  |  | YesNo |
| **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)** |
|  |  |  |  |  | YesNo |
| **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)** |
|  |  |  |  |  | YesNo |
| **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)** |
|  |  |  |  |  | YesNo |
| **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)** |
|  |  |  |  |  | YesNo |
| **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)** |
|  |  |  |  |  | YesNo |
| **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)** |
|  |  |  |  |  | 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:**     |