

- 1. Recall, integrate, and/or apply the fundamental concepts in the core areas of the discipline (organic, inorganic, analytical, physical, and/or biochemistry).
- 2. Integrate their knowledge of chemical structure and function, thermodynamics, reaction kinetics, and/or chemical equilibrium to solve complex chemical problems.
- 3. Use conceptual, quantitative, and/or computational skills to identify the strengths and