

Chemistry Program Learning Outcomes for Exit Exam

نواتج تعلم برنامج الكيمياء بالاختبار المعياري

Knowledge & understanding

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| K1 | Demonstrate a broad understanding and critical view of the principal theories, concepts and terminology of chemistry area or field of work, and in addition the necessary background in Physics and Mathematics |
| K2 | Describe correctly Chemical phenomena using chemical principles and scientific reasoning |

Skills

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| S1 | Demonstrate an ability in critical thinking, numeracy, statistical, analytical reasoning, use graphs, charts for solving problems (in the synthesis, measurement, and modeling of chemical systems), |
| S2 | Apply their experimental basics and skills to use laboratory equipment, modern instrumentation, and classical techniques for carrying out experiments in various fields of chemistry and to write a report representing the scientific data. |
| S3 | Examine his material and lab safety background to Follow proper procedures and regulations for safe handling and use of chemicals. |

Values, Autonomy and Responsibility

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| V2 | Perceive the ethical and social dimensions of practicing chemistry or any related field. |
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