

Chemistry PhD Learning Outcomes

Upon successful completion of the programme, the student:

1. is able to use course books and scientific articles containing updated information in the field of chemistry, practice tools and equipment and other scientific resources at expert level
2. assesses the concepts, ideas and data in the field of chemistry with scientific methods; analyzes them; makes discussions; develops suggestions based on proofs and researches
3. applies the concepts of chemistry in research laboratories effectively
4. conducts independently a field-specific expert-level study and evaluates results and implement them when needed
5. evaluates expert-level knowledge and skills related to the field critically, and conducts expert-level study independently
6. develops strategy, policy and implementation plans for issues related to the field and evaluates results within the framework of quality processes
7. is able to search literature in order to obtain knowledge, and to reach databases and other information resources
8. has software and hardware knowledge required by the field
9. is inclined to both individual or team work, and to take responsibility