

EChemTest as an evaluation tool in Chemistry: Spanish-English and Chemistry-Chemistry/Biochemistry degree parallel courses

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The Faculty of Chemistry of the Complutense University is the Spanish coordinating centre validated by the ECTN for the use of EChemTest. We have obtained funding from our university to carry out a Educational innovation project.

The present project is intended to be a pilot model for future implementation as a mechanism for the evaluation of Quality of a Degree related to Chemistry, by using the EChemTest libraries, to carry out an innovative evaluation of the knowledge and competences of our students throughout the 2019-2020 academic year, which will allow us to evaluate and compare their level with the European level that exists within the ECTN consortium. The working methodology will be the realization of different tests composed by questions that cover all the topics of General Chemistry, being carried out in different stages of the academic year, including the beginning and the end of it. Taking advantage of the fact that this academic year 2019-2020 a group with teaching entirely in English in the Degree of Chemistry will start in the Faculty of Chemistry, the recipients of these evaluation tests will be the first-year students of the group with teaching in English and another group (of the same grade and course) chosen at random and with the same number of students with teaching in Spanish; we have also included students attending the Chemistry-Biochemistry Dual Degree for further comparison. Other parameters, such as their inclusion into morning or afternoon schedule groups, has also been considered.