



Implementation of Quality Assurance Systems at E.T.S. Ingenieros Agrónomos of Madrid in the Framework of E.H.E.

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The Bologna Process is to improve the quality of education, mobility, diversity and the competitiveness and involves three fundamental changes: transform of the structure of titles, changing in methods of teaching and implementation of the systems of quality assurance. Once that titles structure given by the E.T.S. Agronomic Engineer (ETSIA) have been defined, and introduced new methods of learning, this work has focused in the third point: implementation of quality assurance systems as well as the new three titles planning that begins to impart at ETSIA, Madrid, during 2010-2011 course.

The academic year 2010-2011 was the first year of implementation of the Bologna Process, this paper attempts to compare the academic results obtained by students in the three new degrees in the subject of Chemistry I and II compared with the results obtained in the same subject in the degree of Agronomic Engineer in the past four years. The academic results have been lower than expected and worse than in previous courses.

The paper tries to account for these results based on the percentage of compliance with the guidance of teachers, and based on student participation and training prior to beginning the course.

Finally, propose possible solutions to try to correct these results in future courses, with the aim of improving efficiency rates, success and absenteeism important in the first year since it will condition the dropout rate of these new degrees.