

# Tuning Project - Latin America: educational and social innovation. Subgroup of Chemistry.

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**Funded by:** EUROPEAN UNION -ALFA Projects

**Involved Institutions- Chemistry Subgroup:** Universidad Nacional de Río Cuarto, Argentina/ Universidad de Santiago de Chile/ Universidad Industrial de Santander, Colombia/ Universidad Nacional de Costa Rica/ Universidad Central del Ecuador/ Universidad Autónoma de Querétaro, México/ Pontificia Universidad Católica del Perú/ Universidad de la República del Uruguay/ Universidad Central de Venezuela

**Involved Institutions- Integral Project:** Universidad de Deusto, Spain/ Universidad de Groningen, the Netherlands/ Universidad de Buenos Aires, Argentina/ Consejo Superior Universitario Centroamericano, CSUCA

**Coordination in Peru for the subgroups of careers:** National TUNING Centre - Peru/ Rectors' National Assembly

Department of Sciences - Chemistry Section

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When analyzing the most important issues facing up to tertiary education in our continent, the following issues were detected: a) the need to modernize, reformulate and make the programs of study before new trends more flexible, b) lack of partial or total recognition of learning beyond local, national and regional institutional limits, and c) the need to improve the quality of programs, specifically regarding the strategy of assessment, teaching and learning of skills, as a driving force and latest purpose of a curriculum reform processes and to support the recognition of studies to facilitate university student mobility.

In this context, the overall objective of ALFA Tuning is contributing to the construction of an area of tertiary education in Latin America through the curriculum convergence. For this purpose, this proposal focuses on working specifically with issues regarding the development of the career in Chemistry.

It should be noted that the ultimate beneficiaries of this project are, first, university students (with 155 partner universities, the project concentrates over 70% of enrollments in the region) and, second, professors and future employers of graduate students.