



Universidad de Granada

Undergraduate Degree in Chemistry

Chemistry is a diverse science that studies the macroscopic and microscopic properties of different compounds (inorganic, organic, biological) and all those aspects that imply change and reactivity. Its evolution has always been linked to progress, ranging from the study of the submicroscopic world to the analysis of the materials we use in everyday life. Chemistry, aided by other branches of science, will continue providing solutions for the future challenges our society will face.

The study of chemistry has a long-standing tradition at the University of Granada. Our teaching staff are highly experienced and qualified, and participate actively in academic research projects financed by both public and private institutions. The results of this research are collected in national and international publications. Our teaching staff also participate actively in conferences, and the supervision and defence of doctoral theses.

As a student on our degree, you will learn about the properties, structure and behaviour of chemical species, analysis methods, isolation and purification techniques, the synthesis, reactivity and transformation of chemical species and how to apply this knowledge in any field.

Our Degree in Chemistry is composed of three levels. The first consists of 60 credits (corresponding to one academic year) in basic subjects on chemistry, mathematics, physics and geology. The second level, with 120 credits, is dedicated solely to chemistry, where you will obtain a solid grounding in five different modules: analytical chemistry, chemical physics, inorganic chemistry, organic chemistry and complementary knowledge (biochemistry, chemical engineering and the study of matter).

During the third level, you can choose freely from our list of elective subjects, which are divided into seven different modules: experimental chemistry, chemical industries, environmental and medical chemistry, advances in chemical physics, contemporary chemical analysis, computational science applied to chemistry, logic and philosophy applied to science. Alternatively, you can choose to complete an external internship.

Pursuing a career in chemistry can lead to exciting new discoveries. In a broad sense, chemistry can help you become a versatile problem-solver with excellent analytical

<http://www.ugr.es/en>

skills. Thanks to this, our graduates find employment in a number of contexts, such as in the industrial sector, private or public administration, health, teaching or research. They are highly qualified to work in a large number of areas, such as chemical engineering, market analysis, pharmaceuticals, toxicology or consulting.

Modern life would not be the same without chemistry. The advances made in chemistry have been and will continue to be useful and highly valuable to society. It is essential for solving many contemporary problems and challenges, such as developing more effective, safer and cheaper drugs or finding cleaner and more sustainable fuel sources.

Study chemistry at the UGR and you too can contribute to these advances.

ECTS Credits	240
Duration	4 academic years (September/October to June each year approximately)
Start Date	Autumn
Language	Spanish
Tuition Fees	€757 (approximately)
Application Period	June - September (approximately)
Offered by	Vice-Rector's Office for Undergraduate and Postgraduate Teaching
How to apply	Please visit the Applications and Admissions Section

[DEGREE WEBSITE](#)