



## Chemistry Degree in the Faculty of Chemistry of the University of the Basque Country in San Sebastian.

Subjects offered in English language in the 2018/2019 course.

SUBJECT	COURSE	KIND OF SUBJECT	NUMBER OF CREDITS
Experimentation in Organic Chemistry	2 <sup>nd</sup>	COMPULSORY-Annual	6
Experimentation in Inorganic Chemistry	2 <sup>nd</sup>	COMPULSORY-Annual	6
Experimentation in Physical Chemistry	2 <sup>nd</sup>	COMPULSORY-Annual	6
Experimentation in Analytical Chemistry	3 <sup>rd</sup>	COMPULSORY-Annual	6
Spectrophotometric Identification of Organic Compounds	3 <sup>rd</sup>	OPTIONAL-Annual	6
Grade Final Project	4 <sup>th</sup>	COMPULSORY-First or Second Semester	18
Organic Chemistry I (*EFC)	2 <sup>nd</sup>	COMPULSORY-Annual	9
Analytical Chemistry I (*EFC)	2 <sup>nd</sup>	COMPULSORY-Annual	9
Physical Chemistry I (*EFC)	2 <sup>nd</sup>	COMPULSORY-Annual	9
Analytical Chemistry II (*EFC)	3 <sup>rd</sup>	COMPULSORY-Annual	9
Organic Chemistry II (*EFC)	3 <sup>rd</sup>	COMPULSORY-Annual	9
Inorganic Chemistry II (*EFC)	3 <sup>rd</sup>	COMPULSORY-Annual	9



<b>Chemical Engineering (*EFC)</b>	<b>3<sup>rd</sup></b>	<b>COMPULSORY-Annual</b>	<b>6</b>
<b>Mathematical methods for chemistry (*EFC)</b>	<b>3<sup>rd</sup></b>	<b>OPTIONAL-Second semester</b>	<b>6</b>
<b>Projects in Industrial Chemistry (*EFC)</b>	<b>4<sup>th</sup></b>	<b>COMPULSORY-Annual</b>	<b>6</b>
<b>Materials Science (*EFC)</b>	<b>4<sup>th</sup></b>	<b>COMPULSORY-First semester</b>	<b>6</b>
<b>Solving analytical problems in biosciences (*EFC)</b>	<b>4<sup>th</sup></b>	<b>OPTIONAL-Annual</b>	<b>6</b>
<b>Physico-chemical characterization of macromolecules (*EFC)</b>	<b>4<sup>th</sup></b>	<b>OPTIONAL-First semester</b>	<b>6</b>
<b>Macromolecular materials I: Properties and applications (*EFC)</b>	<b>4<sup>th</sup></b>	<b>OPTIONAL-First semester</b>	<b>6</b>
<b>Catalysis and bioorganometalics (*EFC)</b>	<b>4<sup>th</sup></b>	<b>OPTIONAL-First semester</b>	<b>6</b>
<b>Organic synthesis and biomolecules (*EFC)</b>	<b>4<sup>th</sup></b>	<b>OPTIONAL-Second semester</b>	<b>6</b>
<b>Chemistry and Environmental technology (*EFC)</b>	<b>4<sup>th</sup></b>	<b>OPTIONAL-Second semester</b>	<b>6</b>
<b>Macromolecular materials II: Processing (*EFC)</b>	<b>4<sup>th</sup></b>	<b>OPTIONAL-Second semester</b>	<b>6</b>
<b>Industrial polymerization processes (*EFC)</b>	<b>4<sup>th</sup></b>	<b>OPTIONAL-Second semester</b>	<b>6</b>

**\*EFC – English friendly course**

EFC Courses are taught in Spanish, and enrolled students should be able to follow class explanations in this language. However, lecturers of these courses will provide incoming students bibliography and tutoring attention in English. In addition, incoming students will have the possibility to do the course tasks and final examination in English as well.