

COURSE INFORMATION	
<b>EUPeace Alliance University</b>	Justus Liebig University Giessen (JLU)
<b>Course Title</b>	General Chemistry
<b>Department and/or Faculty</b>	Faculty 08: Biology and Chemistry Fachbereich 08: Biologie und Chemie
<b>Course Code</b>	Pending
<b>Course Type</b>	<b>Course Modality</b>
<input checked="" type="checkbox"/> Curricular <input type="checkbox"/> Non-curricular	<input checked="" type="checkbox"/> Online <input type="checkbox"/> Synchronous <input checked="" type="checkbox"/> Asynchronous <input type="checkbox"/> Both (A/S)ynchronous
	<input type="checkbox"/> In-person <input type="checkbox"/> Lecture <input type="checkbox"/> Laboratory
<b>Date</b>	04/22/2025-07/25/2025
<b>Language(s) of Instruction</b>	English (B2)
<b>Course Coordinator</b>	<b>For application:</b> Kirsten Apel <a href="mailto:VIP@admin.uni-giessen.de">VIP@admin.uni-giessen.de</a> 0049 641 99-12221
<b>Course Instructor</b>	Prof. Dr. Richard Göttlich & Dr. Richard Schindler <a href="mailto:richard.goettlich@org.chemie.uni-giessen.de">richard.goettlich@org.chemie.uni-giessen.de</a> 0049 641 99-34301
TARGET AUDIENCE	
<b>Suitable as Pre-Service Teacher Training Course</b>	
<input type="checkbox"/> Pre-primary <input type="checkbox"/> Primary <input checked="" type="checkbox"/> Secondary Lower <input checked="" type="checkbox"/> Secondary Upper <input type="checkbox"/> Tertiary	
<b>Suitable as In-Service Professional Development Course</b>	
<input type="checkbox"/> Pre-primary <input type="checkbox"/> Primary <input type="checkbox"/> Secondary Lower <input type="checkbox"/> Secondary Upper <input type="checkbox"/> Tertiary	
<b>Suitable for non-student body</b>	
<input type="checkbox"/> Administrative staff <input type="checkbox"/> Other	
TYPE – WORKLOAD – RECOGNITION	
<b>Number of hours</b>	180
<input checked="" type="checkbox"/> <b>ECTS Credits</b>	5 (without examination) 6 (with examination)
<input type="checkbox"/> <b>Certificate</b>	
COURSE DESCRIPTION (EN/L1 [if taught in L1])	
<b>Content</b> Atomic structure Periodic table of the elements Chemical bonding Valence structures Redox-reactions Acid-base chemistry Energetic and kinetics of reactions Organic compounds, hybridization Isomers and nomenclature Organic substance groups Reaction mechanisms Carbohydrates, proteins, fats	
<b>Competences &amp; Learning Objectives</b>	
<b>LINK to Course Details</b>	Please check Teacher Training on the left: <a href="https://www.jlu-digitalcampus.de/virtual-course-catalogue">https://www.jlu-digitalcampus.de/virtual-course-catalogue</a>  <a href="https://www.uni-giessen.de/de/studium/studinfo/evv">https://www.uni-giessen.de/de/studium/studinfo/evv</a> (available for the summer semester from 03/01/2025)

<sup>1</sup> **University:** Please make sure that all courses offered by your University have the same naming system where these “names” appear, consistent with the [EUPeace site](#): Philips Marburg; Justus-Liebig Giessen; Calabria; Comillas; Cukurova; Limoges; Mostar; Sarajevo; West Bohemia

<sup>2</sup> **Code:** For courses already catalogued within your Institutional Course Catalogue, please use the Institutional course code; if the course is not yet available, state „Pending“. For courses which are offered via this EUPeace Course Catalogue but which are not within the Institutional Course Catalogue, please insert “EUPeace”.

<sup>3</sup> **Type – Workload – Recognition:** “Curricular” refer to courses already within the Institutional Course Catalogue, with associated ECTS credits and which conclude in a “Degree”; “Non-curricular” refer to courses which may not appear within your Institutional Course Catalogue, are probably not associated with ECTS credits, probably do not conclude in a “Degree”, but do provide participants “documentation and recognition” (e.g. certificate, diploma, etc.). To indicate, check  (double click and select) the one which applies.

<sup>4</sup> **Modality:** Check off all relevant boxes. Therefore, if a course can be offered both Online and In-Person, this will be apparent. To indicate, check  (double click and select) the one which applies.

<sup>5</sup> **Audience:** Approximate ages: Pre-primary (age 0-5); Primary (6-10); Lower Secondary (11-13); Upper Secondary (14-18). “Pre-service Tertiary” (e.g. PhD students); “In-Service Tertiary” (e.g. University Faculty). To indicate, check  (double click and select) the one which applies.

<sup>6</sup> **Content & Competences & Learning Objectives:** Please first provide text in EN. Then, if course is taught through L1, please insert L1 text below the EN text.