



**Europass
Curriculum Vitae**

Personal information

First name(s) / Surname(s) **Gabriela Nicoleta Nemes**
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 E-mail sgabi@chem.ubbcluj.ro;
 Nationality Romanian
 Date of birth 22.11.1971

Desired employment / Occupational field

Asociate profesor /Chemistry

Work experience

2012 – present, Dean, Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania
 2010 – 2012, Scientific Secretary, Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania
 Present, Associate professor, Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania
 2005 –1 april 2014, Senior Lecturer, Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania
 2001 – 2005, Junior Lecturer, Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania

Education and training

Dates January 2002 - February 2004
 Title of qualification awarded Post-doctoral studies
 Principal subjects/occupational skills covered Synthesis, characterization and reactivity studies of heterocumulenenic derivatives containing heavy main group elements
 Name and type of organisation providing education and training University Paul Sabatier, Toulouse, France/ Laboratoire Heterochimie Fondamentale et Appliquee
 Dates October 1997-November 2001
 Title of qualification awarded PhD in Chemistry
 Principal subjects/occupational skills covered Synthesis, structure and reactivity of organic derivative of main groups elements
 Name and type of organisation providing education and training Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania
 Dates October 1996- June 1997
 Title of qualification awarded Master of Science
 Principal subjects/occupational skills covered Synthesis, characterization and reactivity studies of coordination compounds
 Name and type of organisation providing education and training Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania
 Dates October 1991-June 1996
 Title of qualification awarded BsC in Chemistry
 Name and type of organisation providing education and training Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania

Mother tongue(s) Romanian

Self-assessment
European level (*)

English
French

| Understanding | | | | Speaking | | | | Writing | |
|---------------|--------------|---------|--------------|--------------------|--------------|-------------------|--------------|---------|--------------|
| Listening | | Reading | | Spoken interaction | | Spoken production | | | |
| B2 | Intermediate | B2 | Intermediate | B1 | Intermediate | B2 | Intermediate | B1 | Intermediate |
| C1 | Advanced | C1 | Advanced | C2 | Advanced | C2 | Advanced | C1 | Advanced |

(*) [Common European Framework of Reference for Languages](http://www.cedefop.europa.eu)

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|---------------------------------------|---|
| Skills and competences | <p>Courses taught: General Chemistry, Inorganic Chemistry III, Practical course of Inorganic Chemistry, Ecological chemical products and processes</p> <p>Research interests: Synthesis, structural characterisation (physico-chemical methods) and reactivity study of organometallic and coordinative derivatives, particularly, study of unsaturated derivative containing heavy main group elements (such as Si, Ge, Sn, P etc). Computational chemistry, (ab-initio, DFT and semiempirical methods, NBO analysis).</p> <p>Other: Trainer's professional competences certificate 2009 Tutor in the PIR program 2003 In charge of the Continuous Education Program at the Faculty of Chemistry and Chemical Engineering</p> |
| Organisational skills and competences | <p>Project coordinator: 2 national projects Project manager : 3 national projects Member of 23 team of research grants</p> <p>Executive editor of the Journal Studia Universitatis Babes-Bolyai, Seria Chemia .</p> <p>Member in the organizing committee of conferences MOLMOD editions 2007 and 2009 and BIOREMED edition 2007. Member of the Romanian Society of Chemistry</p> |
| Technical skills and competences | <p>Synthesis, structural characterisation (phisico-chemical methods) and reactivity study of inorganic and organometallic derivatives; computational chemistry (ab-initio, DFT and semiempirical methods) Using the following programs for text or image editing: Word, Excel, ChemOffice Ultra 2008 ChemWin 6.0, special visualization programs for RX, RMN, IR or UV-Vis (ORTEP, Mercury, MestreC, MestreNova, Jasco Spectra Manager) Spoeical programs for theoretial calculations (Spartan, Hyperchem)</p> |
| Stays abroad | <p>1998-2011, 8 research stages at University Paul Sabatier, Toulouse</p> |
| Awards | <p>The Reghina & Engelbert Stukenborg Foundation award 2002 Babes-Bolyai University advards in 2010 and 2011.</p> |
| Publications | <p>Scientific articles: 51 Books: 1 Chapters in Books: 1 Participation in conferences: 64</p> |