



Curriculum Vitae



Surname / First Name **Nacu, Gabriela**

Address "Gheorghe Asachi" Technical University of Iași
Faculty of Chemical Engineering and Environmental Protection „Cristofor Simionescu”
Department of Environmental Engineering and Management
73 Prof. dr. docent D. Mangeron St., 700050-Iași, Romania

E-mail grusu@ch.tuiasi.ro

Nationality Romanian

Sex Female

Work Experience

Period February 2004 - present

Occupation or position held Assistant professor

Main activities and responsibilities Organising and conducting practical courses for the subjects: analytical Chemistry, Analytical chemistry and Instrumental analysis, Organic chemistry, Materials science
Coordinating Bachelor of Science dissertations
Practical technological guidance

Name and address of employer "Gheorghe Asachi" Technical University of Iași, Faculty of Chemical Engineering and Environmental Protection, Department of Environmental Engineering and Management

Business or sector Higher education

Period February 2002- February 2004

Occupation or position held Graduate assistant

Main activities and responsibilities Organising and conducting practical courses for the subject Analytical chemistry
Practical technological guidance

Name and address of employer "Gheorghe Asachi" Technical University of Iași, Faculty of Chemical Engineering and Environmental Protection, Department of Analytical Chemistry

Business or sector Higher education

Period October 2000 – February 2002

Occupation or position held Graduate assistant

Main activities and responsibilities Organising and conducting practical courses for the subjects: Biochemistry, Organic chemistry

Name and address of employer "Vasile Goldiș" West University of Arad, Faculty of Biology, Department of Chemistry
94 Revoluției Ave., Arad

Business or sector Higher education

Education and training

<p>Period</p> <p>Title of qualification awarded</p>	<p>2012 - 2015</p> <p>PhD degree</p> <p>Field: Environmental Engineering</p> <p>Title of the doctoral dissertation: "Research on using cellulosic waste in reducing environmental pollution"</p>
<p>Organisation providing education and training</p>	<p>"Gheorghe Asachi" Technical University of Iași, Faculty of Chemical Engineering and Environmental Protection, Department of Environmental Engineering and Management</p>
<p>Period</p> <p>Title of qualification awarded</p>	<p>2000 - 2001</p> <p>Master's degree</p> <p>Specialisation: Natural Products</p> <p>Topic of the thesis: "Liquid-liquid extraction of natural products"</p>
<p>Main subjects / occupational skills covered</p>	<p>Processing of vegetal raw materials</p> <p>Unconventional procedures to separate and condition natural and biologically active products</p> <p>Catalytic and biocatalytic depollution of the environment</p> <p>Technologies for processing animal raw materials</p> <p>Ennobling vegetal, animal and microbial products</p>
<p>Organisation providing education and training</p>	<p>"Gheorghe Asachi" Technical University of Iași, Faculty of Industrial Chemistry</p>
<p>Level in EQF or national classification</p>	<p>National classification: Advanced research and education university</p>
<p>Period</p> <p>Title of qualification awarded</p>	<p>1995 - 2000</p> <p>Bachelor of Science in Engineering</p> <p>Major: Chemistry</p> <p>Specialisation: Biochemical Engineering</p> <p>Topic of the dissertation: "Citric acid production technology"</p>
<p>Main subjects / occupational skills covered</p>	<p>Analytical chemistry</p> <p>Inorganic chemistry</p> <p>Organic chemistry</p> <p>Physical chemistry</p> <p>Biophysics</p> <p>Biochemistry</p> <p>Cytology and cellular chemistry</p> <p>Analytical control of biotechnological processes</p> <p>Reaction mechanisms in organic chemistry</p> <p>Industrial microbiology</p> <p>Biotechnology</p> <p>Separation and concentration techniques typical for biochemical engineering</p>
<p>Organisation providing education and training</p>	<p>"Gheorghe Asachi" Technical University of Iași, Faculty of Industrial Chemistry</p>

Personal skills

Mother tongue(s) **Romanian**

Other language(s) **English**

Self-assessment
European Language Level (*)

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

(*) Levels of the Common European Framework of Reference for Languages

Technical skills	Use of the apparatuses and equipment specific to the teaching and research activities related to the subjects: Analytical chemistry, Analytical chemistry and Instrumental analysis, Organic chemistry
Driving licence	B Category
Additional Information	<p data-bbox="507 443 735 474">Scientific contributions:</p> <ul data-bbox="544 477 1525 667" style="list-style-type: none"> <li data-bbox="544 477 1449 508">• Scientific papers published in ISI-cited journals or indexed in international databases: 15 <li data-bbox="544 510 1054 542">• Scientific papers published in foreign journals: 2 <li data-bbox="544 544 1525 600">• Scientific papers published in local journals recognised by CNCSIS (National Council of Scientific Research in Higher Education): 3 <li data-bbox="544 602 1139 633">• Scientific papers published in conference proceedings: 6 <li data-bbox="544 636 970 667">• Laboratory books/guides: 4 (co-author) <p data-bbox="507 696 660 728">Other honours:</p> <ul data-bbox="544 730 1525 846" style="list-style-type: none"> <li data-bbox="544 730 1525 846">• Gold Medal – 13th International Inventions Conference “Research and High-Performance Innovative Technologies”, 4-6 June 2009, Iași, Romania; authors D. Șuteu, G. Rusu (Nacu), C. Zaharia, for the paper: “Removal of reactive dye Orange 16 from aqueous solution by sorption onto sawdust” <p data-bbox="507 909 911 940">Membership in professional associations:</p> <ul data-bbox="624 943 1481 1025" style="list-style-type: none"> <li data-bbox="624 943 954 974">The Romanian Chemistry Society <li data-bbox="624 976 1066 1008">The Romanian Society of Cosmetic Chemists <li data-bbox="624 1010 1481 1025">The European Association for Chemical and Molecular Sciences (EuCheMsS), Brussels