




Catalin Croitoru

Nationality: Romanian

Gender: Male

CONTACT

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 <https://www.unitbv.ro/en/contact/search-in-the-unitbv-community/4175-croitoru-catalin-en.html>

WORK EXPERIENCE

01/10/2022 – CURRENT Brasov, Romania

Professor Transilvania University of Brasov

Teaching activities (courses and laboratories), research activities and PhD students coordination in the field of materials engineering

27/02/2017 – 30/09/2022 Brasov, Romania

Associate Professor Transilvania University of Brasov

Teaching activities (courses and laboratories)
Research activities in the field of materials engineering and industrial engineering

22/02/2015 – 27/02/2017 Brasov, Romania

Lecturer Transilvania University of Brasov

Teaching activities (courses and laboratories)
Research activities in the field of materials engineering

EDUCATION AND TRAINING

30/09/2015 – 24/06/2017 Brasov, Romania

Master's degree Transilvania University of Brasov

Level in EQF EQF level 7

31/05/2010 – 30/05/2013 Brasov, Romania

Postdoctoral researcher Transilvania University of Brasov

Level in EQF EQF level 8

30/09/2006 – 21/11/2009 Brasov, Romania

PhD in Materials Engineering Transilvania University of Brasov

Level in EQF EQF level 8

30/09/2002 – 29/06/2006 Brasov, Romania

Licensed in Physics and Chemistry Transilvania University of Brasov

Level in EQF EQF level 6

LANGUAGE SKILLS

MOTHER TONGUE(S): Romanian

Other language(s):

English

Listening C2

Reading C2

Writing C2

Spoken production C2

Spoken interaction C2

German

Listening A2

Reading A2

Writing A2

Spoken production A2

Spoken interaction A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Office

ADDITIONAL INFORMATION

Professional skills

Job-related skills

- Obtaining and characterizing polymeric and composite materials;
- Obtaining and characterizing organic, metallic and hybrid coatings and films;
- Characterization of advanced oxidation processes (photocatalysis);
- Techniques for materials characterization;
- Determining and quantifying the health hazards resulting from industrial processes;
- Coordination of three national and international research grants;
- Expert evaluator of the Executive Unit for the Financing of Higher Education, Research, Development and Innovation (UEFISCDI);
- Permanent Editor of the Journal of Materials Science (Springer) and guest editor of the Journal Materials Today: Proceedings (Elsevier);
- h-index: 15 (ISI WoS)