

Aurelian Cristian Boscornea

Associate professor

University "POLITEHNICA" Bucharest
Faculty of Chemical Engineering and Biotechnologies
Department Bioresources and Polymer Science

Contact information

Address: Gh. Polizu Street no.1-5, room D101
Tel. (+4021) 402 2705, Fax. (+4021) 402 2705
E-mail: .cristian.boscornea@upb.ro

Education and training

Dates	1994-2000
Title of qualification awarded	Ph. D. in Chemical Engineering
Principal subjects/occupational skills covered	Research
Name and type of organisation providing education and training	University "Politehnica" of Bucharest, Faculty of Industrial Chemistry
Level in national or international classification	ISCED 6
Dates	1987-1992
Title of qualification awarded	Diplomate engineer (Chemical Engineering)
Principal subjects/occupational skills covered	High education
Name and type of organisation providing education and training	University "Politehnica" of Bucharest, Faculty of Industrial Chemistry
Level in national or international classification	ISCED 5a

Professional experience

Dates	2015-present
Occupation or position held	Associate professor
Main activities and responsibilities	Teaching activity, research
Name and address of employer	University "Politehnica" of Bucharest Faculty of Applied Chemistry and Materials Science Department Bioresources and Polymer Science
Type of business or sector	High education
Dates	1999-2015
Occupation or position held	Senior lecturer
Main activities and responsibilities	Teaching activity, research
Name and address of employer	University "Politehnica" of Bucharest Faculty of Applied Chemistry and Materials Science Department Bioresources and Polymer Science
Type of business or sector	High education
Dates	1994-1999
Occupation or position held	Assistant lecturer
Main activities and responsibilities	Teaching activity, research
Name and address of employer	University "Politehnica" of Bucharest Faculty of Industrial Chemistry Department of Organic Technology and Macromolecular Compounds
Type of business or sector	High education
Dates	1992-1994

Occupation or position held	Junior teaching assistant
Main activities and responsibilities	Teaching activity, research
Name and address of employer	University "Politehnica" of Bucharest Faculty of Industrial Chemistry Department of Organic Technology and Macromolecular Compounds
Type of business or sector	High education

Academic and research interests

Synthesis and characterization of organic dyes;
 Synthesis of new fluorescent compounds;
 Phthalocyanines;
 Organic solar cells;
 Sensors;
 Nanomaterials;
 Organic compounds with nonlinear optical properties.

Teaching activity

<i>Studies</i>	<i>The name of Programme</i>	<i>Code</i>	<i>Course title</i>	<i>Activity type</i>
<i>Bachelor</i>	<i>Chemistry and engineering of organic substances, petrochemistry and coalchemistry</i>	<i>UPB.11.S.08.O.316</i>	<i>Paints and coatings</i>	<i>Course</i>
	<i>Chemistry and engineering of organic substances, petrochemistry and coalchemistry</i>	<i>UPB.11.S.08.O.312</i>	<i>Chemistry and technology of organic dyes</i>	<i>Course, Project, Laboratory</i>
	<i>Medical Engineering</i>	<i>UPB 14.D.02.O.014</i>	<i>Biochemistry</i>	<i>Course, Laboratory</i>
	<i>Quality control and expertise of foods</i>	<i>UPB.11.F.03.O.201</i>	<i>Food Chemistry</i>	<i>Laboratory</i>
<i>Master</i>	<i>Biofuels, biorefineries and related technologies</i>	<i>UPB.11S.09.O.0101</i>	<i>Biochemistry-special chapters</i>	<i>Course, Laboratory</i>
	<i>Consumer protection. Quality control.</i>	<i>UPB.11.S.11.O.507</i>	<i>Natural products and processes</i>	<i>Laboratory</i>
	<i>Industrial Marketing</i>		<i>Nature-friendly dyes</i>	<i>Laboratory</i>