

CURRICULUM VITAE

FABIO BIANCONI



Fabio Bianconi. Engineer. Full Professor at the University of Perugia. PhD in “Drawing and Survey of the building heritage” XII cycle, University of Ancona. He is a professor in the disciplines of representation at the University of Perugia. He taught at “Sapienza” University of Rome in the degree course in Graphics and Multimedia Design and at the University of Trento in the degree course in Civil Engineering.

He has carried out his research activity at the Department of Civil and Environmental Engineering of the University of Perugia since 1993, in the field of landscape representation, information systems for the documentation of the building and environmental heritage, in the survey of cultural heritage and in the study of complex surfaces. He is the author of articles published in international journals and numerous monographs.



Personal information

Name/ Surname

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PEC

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Citizenship

Italian

Date of birth

12/07/1966

Sex

M

Professional sector

Full Professor - CEAR-10/A (formerly ICAR/17)

Engineer

Serial number no. A1263 of the Order of Engineers of Perugia from 02/15/1994

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**Web of Science
Researcher ID**

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Scopus Author Id

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ACADEMIC ROLE AND EDUCATIONAL BACKGROUND

Fabio Bianconi has been Full Professor at the University of Perugia since 2025, specializing in disciplines related to representation (CEAR-10/A – ICAR 17). In 2000, he completed a Ph.D. in “Drawing and Survey of the Building Heritage” (12th cycle) at the University of Ancona. He served as Associate Professor from 2015 and previously as Assistant Professor, Research Fellow, and Scholarship Holder at the Faculty of Engineering in Perugia since 2004. As licensed engineer since 1993, he has also worked professionally and as a consultant in architectural and engineering design.

AWARDS AND RECOGNITIONS

His research activity has received several accolades for its outcomes in both studies and projects. Notably, he was awarded the Meneghetti Award twice (2021, 2023), as well as two cultural merit awards from the Order of Engineers of the Province of Perugia (2004, 2006). Of particular note, the “Hortus Lizori” project, for which he serves as scientific coordinator, was recognized in 2023 as a best practice for the UN Sustainable Development Goals (SDGs). The research project “La casa che respira,” also under his scientific leadership, received the BIM&DIGITAL Award in 2021, while the architectural and landscape design project “Parco del Verde” was awarded in 2012.

CONTINUOUS EDUCATION AND LIFELONG LEARNING

Supporting his research activity is a commitment to continuous training, which, in addition to targeted programs aimed at enhancing language skills, includes international traineeship experiences carried out through Erasmus agreements. These include stays in New York, Paris, Lisbon, Tirana, Copenhagen, and Riga, and are complemented by an extensive international network of collaborations with over fifty universities worldwide.

TEACHING ACTIVITY

His teaching activity, spanning over thirty years across faculties of Engineering and Architecture at several universities (University of Perugia, University of Trento, University of Rome “La Sapienza”), has involved multiple degree programs and a wide range of courses within the disciplinary field CEAR10/A (formerly ICAR/17) – Drawing. These include “Architectural Drawing”, “Representation and Digital Modeling”, “Computer-Aided Design”, “Civil Drawing”, “Techniques of Representation”, “Landscape Simulation Techniques”, and “Applied Informatics for Design”. His academic engagement has encompassed supervision of thesis projects in Civil Engineering, Building Engineering - Architecture, and Architecture, as well as mentoring during seminars and workshops. After ten years of collaboration as a subject expert in various courses, he began serving as Assistant Professor in 2004 at the Faculty of Engineering of the University of Perugia, teaching in the Civil and Building Engineering - Architecture degree programs.

During the same period, he held teaching appointments in the Interfaculty Degree Program at the University of Perugia in “Technologies for the Conservation and Restoration of Cultural Heritage”, where he taught the courses “Drawing” and “Techniques of Representation”. From 2002 to 2006, he was a Contract Professor in the Degree Program in “Graphic and Multimedia Design” at the Faculty of Architecture, University of Rome “La Sapienza”. From 2007 to 2010, he taught the course “Laboratory of Landscape Techniques” within the Interfaculty Degree Program in “Technical and Landscape Management” at the Faculty of Agriculture, University of Perugia. From 2012 to 2015, he was a contract professor of Civil Drawing at the University of Trento in the Civil Engineering degree program. From 2015 to 2025, he served as Associate Professor in the Department of Civil and Environmental Engineering. His teaching activity has consistently received positive evaluations from students, as evidenced by the high number of theses supervised. Since 2025, he has been Full Professor in the disciplinary sector CEAR10/A (formerly ICAR/17) – Drawing.

SUMMARY OVERVIEW OF TEACHING ACTIVITY

	CORSI / ANNI	2024/2025	2023/2024	2022/2023	2021/2022	2020/2021	2019/2020	2018/2019	2017/2018	2016/2017	2015/2016	2014/2015	2013/2014	2012/2013	2011/2012	2010/2011	2009/2010	2008/2009	2007/2008	2006/2007	2005/2006	2004/2005	2003/2004	2002/2003
UNIVERSITA' DEGLI STUDI DI PERUGIA																								
DISEGNO DELL'ARCHITETTURA (9 CFU)																								
LABORATORIO DI DISEGNO DELL'ARCHITETTURA (3 CFU)																								
DISEGNO CIVILE (DISEGNO + DISEGNO DIGITALE) (10 CFU)																								
RAPPRESENTAZIONE E MODELLAZIONE DIGITALE (10 CFU)																								
DISEGNO AUTOMATICO (5 CFU)																								
DISEGNO AUTOMATICO ED ESECUTIVO (6 CFU)																								
TECNICHE DELLA RAPPRESENTAZIONE (5CFU)																								
METODOLOGIE INNOVATIVE PER IL DISEGNO 3D (12 CFU)																								
INFORMATICA APPLICATA ALLA PROGETTAZIONE 1 MODULO DI DISEGNO																								
INFORMATICA APPLICATA ALLA PROGETTAZIONE 2 MODULO DI DISEGNO																								
TECNICHE DELLA RAPPRESENTAZIONE (BENI CULTURALI)																								
DISEGNO (BENI CULTURALI)																								
LABORATORIO DI TECNICA PAESAGGISTICA (AGRARIA)																								
GIARDINO E PAESAGGIO (AGRARIA)																								
ALTRE UNIVERSITA'																								
TECNICHE DI SIMULAZIONE DEL PAESAGGIO (SAPIENZA UNIROMA)																								
DISEGNO CIVILE (UNI TRENTO)																								
LABORATORIO DI DISEGNO DELL'ARCHITETTURA (UNI TRENTO)																								
ACCADEMIE																								
TECNICHE DI RAPPRESENTAZIONE DELLO SPAZIO (ABA PERUGIA)																								

SUPERVISOR OF UNDERGRADUATE AND DOCTORAL THESES

Since 2003, he has served as supervisor for approximately **three hundred** thesis projects, including over **one hundred** in Building Engineering - Architecture, more than **one hundred** in Design, over **fifty** in Civil Engineering, three in Environmental and Land Engineering, three Ph.D. dissertations, seven in Architecture (University of Rome "La Sapienza"), and three in Agricultural Sciences (University of Perugia).

He is currently supervising more than thirty undergraduate theses and five doctoral dissertations.

BOARDS, ROLES, COMMITTEES, AND AFFILIATIONS

He has been extensively involved in academic institutional activities through appointments, departmental responsibilities, and participation in various committees. Notably, he has contributed to Doctoral Program Boards, held departmental delegations for institutional duties, served as a delegate in committees and institutional working groups, and participated in research centers such as CIRIAF, as well as in scholarly societies, including UID, of which he has been a member since 1996. Particularly noteworthy are his roles as Co-Coordinator of the Computer-Aided Design Laboratory since 2003 and as Head of the International Research Laboratory on Landscape since 2016.

PUBLICATIONS

His research activity is reflected in a substantial body of scientific publications. He is the author of nineteen monographs and editor of fourteen volumes, with over 240 scientific articles, including twenty-five published in Class A journals.

The IRIS Res&Arch platform of the University lists 362 outputs. Of these, 287 have been produced in the last 15 years, including 48 journal articles with ISSN and 197 book chapters or contributions with ISBN. According to the benchmarks for the Italian National Scientific Qualification (ASN), over the past ten years he has authored 194 articles and contributions (threshold: 51), 25 Class A articles over the past fifteen years (threshold: 2), and 13 books over the same period (threshold: 2).

Although his disciplinary sector is non-bibliometric, noteworthy indicators of research impact include 478 citations and an h-index of 11 on Google Scholar, and 176 citations with an h-index of 7 on Scopus. Notable examples include a scientific article published in *Automation in Construction* in 2019 (107 citations on Google Scholar; 60 on Scopus), and the *Digital Wood Design* volume by Springer, which has been downloaded over 650,000 times worldwide.

CONFERENCES, SEMINARS, AND EXHIBITIONS

He has served as a speaker at over 200 national and international conferences. Among the most notable engagements is his recent invitation to the United Nations during the SDG's Weekend (September 2023). He has also delivered invited lectures at scientific conferences in his field and has organized numerous seminars at the local level, often accompanied by exhibitions and installations—most prominently, the realization of the Ames Room in several Italian cities.

NATIONAL AND INTERNATIONAL RESEARCH GROUPS

His research activity is marked by consistent coordination and participation in both national and international research groups. Since 2006, he has served as scientific coordinator for institutional agreements with public bodies in the region (including the Umbria Region, the Province of Perugia, and various local municipalities and entities). Since 1995, he has led and contributed to research groups primarily focused on digitalization and sustainability in the fields of architecture and landscape. Since 2015, he has been the scientific coordinator of a research group dedicated to topics specific to his disciplinary field, comprising faculty members, research fellows, doctoral candidates, scholarship holders, and contract staff.

COMPETITIVELY FUNDED RESEARCH PROJECTS

He has served as Scientific Coordinator for over thirty research projects between 2006 and 2024, collaborating with numerous public and private entities on topics related to urban regeneration, digital transition, and the enhancement of cultural and landscape heritage. Particularly noteworthy is his leadership in projects funded through direct European programs such as LIFE Olive4Climate, COVE Excel4Housing, and Erasmus+ Urban Imprint, as well as in nationally and regionally funded initiatives, including co-funded doctoral scholarships, PSR 16.7 funding through the Multinet project, the DopUp project, and collaborations with local foundations. His involvement in research groups linked to PRIN funding dates back to 1994. Also significant is the sustained design and conceptual development work that has characterized the last fifteen years of his research activity.

CONTRACT-BASED RESEARCH PROJECTS

He has been the scientific coordinator of approximately fifty research projects between 2006 and 2024, developed through assignments, contracts, and agreements with numerous public and private entities. These projects reflect the strategic role of research and the university in fostering territorial innovation and knowledge transfer, while also bringing resources to the Department. Among these, notable collaborations include those with the Umbria Region and several municipalities within the region, such as the initiative with ITI Trasimeno (Union of the Municipalities of Trasimeno) and the Urban Peripheries Plan for the Municipality of Perugia. He has also worked closely with local enterprises and startups, such as Abitare+, through initiatives that consistently focus on representation and experimentation in the field of digitalization.

DESIGN ACTIVITIES AND EXTERNAL CONSULTANCIES

Since 1995, his professional experience has been characterized by design and consultancy activities related to the field of drawing, including surveying, digital representation, graphic design, and architectural design. This has been complemented by editorial work through assignments for specific research projects.

TECHNOLOGY TRANSFER, SPIN-OFF AND START-UP CREATION, PATENTS

In 2003, he was among the founders, a founding partner, and a consultant for the first spin-off of the University of Perugia, **Relevo Srl**. The company aimed to catalog and archive digital clones of architectural and environmental heritage. Its corporate structure included the University of Perugia, the Building School Authority for the Construction Industries of the Province of Perugia, Leica Tech, and private shareholders, and remained active until 2012.

In 2013, he conceived, co-founded, and served as a consultant for the startup Probus Srl, which focused on the study, design, development, production, and distribution of products and artifacts. In the same year, he patented the design product "FRANCESCO 1182" with both trademark and design registration.

LANGUAGE SKILLS

Mother tongue Italian

Other languages

Self-assessment	UNDERSTANDING		SPEAKING		WRITING	
European level	Listening	Reading	Spoken interaction	Spoken production		
English	Intermediate level	Intermediate level	Intermediate level	Intermediate level	Intermediate level	Intermediate level

TECHNICAL SKILLS

Computers, specific equipment, machinery, etc. Skills in advanced digital drawing: geometric vector, raster drawing, basic HTML language skills, basic computer knowledge

License B driving licence

The undersigned Fabio Bianconi declares that all the facts reported in this curriculum correspond to the truth pursuant to and for the purposes of the articles. 46 and 47 of Presidential Decree 445/2000.

The undersigned declares to be aware of the criminal sanctions to be incurred in the event of a false declaration or one containing data that no longer corresponds to the truth, as provided for by the art. 76 of Presidential Decree 28.12.2000, n. 445.

The undersigned declares to be aware of the art. 75 of Presidential Decree 28.12.2000, n. 445, relating to the forfeiture of any benefits resulting from the provision issued, if the Administration, following a check, finds the content of the aforementioned declaration to be untrue.

For this purpose, a copy of your valid identity document is attached

Perugia, 22 apr 2025