



UNIVERSITA' DEGLI STUDI DI BRESCIA

SELECTION PROCEDURE FOR "VISITING PROFESSOR" POSITIONS

In the framework of the Internationalisation Project of the University of Brescia, a competition based on qualifications only is hereby launched. Said competition is reserved to scholars with a high scientific profile who are currently working at Universities or recognised Research Centres abroad and cooperate with the University of Brescia by supporting it in its teaching, tutoring and dissemination activities, as well as seminars and practicals. They shall stay at the University of Brescia for a minimum of 30 consecutive days and a maximum of 12 months, *beginning prior to 30 April 2017*.

The positions to be filled must comply with the profiles and scientific areas listed below:

POSITION NO. 1

Department:

Information Engineering

Duration: 45 days

Scientific area: Biophotonics

Profile:

The Visiting Professor should be a high-profile scholar specialised in the use of photonic technology and able to extend his/her interest to include medicine, biology and biotechnology.

Teaching duties:

Teaching in the official Master's Degree Programme in "Communication Technologies and Multimedia" (taught in English), as well as in PhD Programmes, and within the platform created specifically to support the ERASMUS MUNDUS NANOPHI project coordinated by the University of Brescia.

POSITION NO. 2

Department:

Information Engineering

Duration: 1 month

Scientific area: Electrical and Electronic Measurements

Profile:

The Visiting Professor should be a recognised expert in the design, realisation and testing of autonomous interoperable smart sensors for continuous monitoring.

Expertise in the design and realisation of wireless sensor network architectures such as systems based on the IEEE1451 or IEEE802.15.4, ZigBee or 6LoWPAN standards is also required.

Teaching duties:

Series of seminars and lectures on the topics listed above, for students, teaching staff and researchers, both within Bachelor's and master's Degree Programmes as well as PhD Programmes.

POSITION NO. 3



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Department:

Information Engineering

Duration: 2 months

Scientific area: Experimental Physics of Matter

Profile:

The Visiting Professor, of any age and nationality, should be a high scientific profile scholar, recognised at the international level as an expert in the preparation and characterisation of oxides for functional applications.

Teaching duties:

Lectures and seminars in the PhD Programme in Information Engineering and within the platform created specifically for supporting the ERASMUS MUNDUS NANOPHI project coordinated by the University of Brescia.

POSITION NO. 4**Department:**

Information Engineering

Duration: 6 weeks

Scientific area: Wi-Fi /LTE Coexistence

Profile:

The Visiting Professor should be a researcher of any age and nationality, well-renowned as a leader in the field of packet wireless transmissions.

Teaching duties:

Series of lectures and seminars for students of the Master's Degree Programme in Communication Technologies and Multimedia.

POSITION NO. 5**Department:**

Civil, Environmental, Architectural Engineering and Mathematics

Duration: 1 month

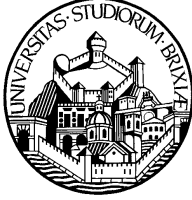
Scientific area: Transport

Profile:

The Visiting Professor should have 5 years experience as a full professor in the field of sustainable mobility, as well as proven experience as the director of an interdisciplinary research centre/laboratory studying the interactions between civil society and the various sustainable mobility systems, especially in the urban environment.

Teaching duties:

Series of seminars and lectures in the "Transport Engineering and Economics" and "Road Construction" courses, as well as in the "Civil and Environmental Engineering" PhD Programme.



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POSITION NO. 6

Department:

Civil, Environmental, Architectural Engineering and Mathematics

Duration: 1 month

Scientific area: Sanitary and Environmental Engineering

Profile:

The Visiting Professor should be a high scientific profile scholar in the field of urban and medical solid waste management.

Teaching duties:

Three seminars for students of the Bachelor's Degree Programme in Land and Environmental Engineering and PhD students in Civil and Environmental Engineering, as well as to students of the Bachelor's Degree Programme in Environment and Workplace Prevention Techniques.

POSITION NO. 7

Department:

Civil, Environmental, Architectural Engineering and Mathematics

Duration: 45 days

Scientific area: Construction Technology

Profile:

The Visiting Professor should be a high scientific profile scholar, recognised at the international level as an expert in the field of earthquake-resistant building design.

Full and associate professors will be preferred over researchers in this subject.

Teaching duties:

Series of lectures and seminars in the PhD Programme in Civil and Environmental Engineering.

POSITION NO. 8

Department:

Civil, Environmental, Architectural Engineering and Mathematics

Duration: 1 month

Scientific area: Hydraulics

Profile:

The Visiting Professor should be a world-renowned expert, who has been a Visiting Professor at prestigious universities, and whose presence at our University will give prestige to our global image.

Teaching duties:

Seminars and lectures in the course in Environmental Hydraulics course and the PhD Programme in Civil and Environmental Engineering.



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POSITION NO. 9

Department:

Civil, Environmental, Architectural Engineering and Mathematics

Duration: 1 month

Scientific area: Hydraulic and Maritime Construction and Hydrology

Profile:

The Visiting Professor should be a high scientific profile scholar, renowned at the international level as an expert in hydrogeological engineering, and with international collaborations in the field of hydrogeologic resources and hydraulic engineering.

Teaching duties:

Series of seminars and lectures in the PhD Programme in Civil and Environmental Engineering, with the title "Assessment of trends and changes in runoff. Anthropic or natural influences?"

POSITION NO. 10

Department:

Mechanical and Industrial Engineering

Duration: 5 months

Scientific area: Systems and Control Engineering

Profile:

The Visiting Professor should be a professor whose research activity is known and recognised at the international level thanks to his/her publications and activity as a project coordinator in the field of industrial control systems and particularly in that of process control.

Teaching duties:

Seminars, lectures and tutoring activity for Master's Degree Programmes and PhD students on the subject of PID industrial controllers and their design, referring in particular to the techniques for ensuring the robustness of the control system developed.

POSITION NO. 11

Department:

Clinical and Experimental Sciences

Duration: 2 months

Scientific area: Sports Sciences

Profile:

The Visiting Professor should be a former professional athlete with University level education and vast practical experience in Sports Management gained in various sports on an international level, and should also have previous teaching experience.

Teaching duties:

Optional course in "Sports Management", taught in English



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POSITION NO. 12

Department:

Medical and Surgical Specialities, Radiological Sciences and Public Health

Duration: 3 months**Scientific area:** Odontostomatological Diseases**Profile:**

The Visiting Professor should be a high scientific profile scholar, renowned at the international level in the field of dental caries treatment with biomaterials. At least one year's teaching experience in the subject and at least 10 scientific publications on dental research are required.

Teaching duties:

Series of seminars and lectures for the Single-cycle (Bachelor's and Master's) Degree Programme and the PhD Programme in Dentistry.

POSITION NO. 13

Department:

Medical and Surgical Specialities, Radiological Sciences and Public Health

Duration: 2 months**Scientific area:** Occupational Medicine and Hygiene**Profile:**

The Visiting Professor should be a Full Professor of Environmental Toxicology with experience in research on the effects of exposure to pollutants such as heavy metals on the human body.

Expertise is required in studies both on experimental animals and cell lines, in techniques for the analysis of metals in environmental media and of exposure biomarkers.

Teaching duties:

Seminars and lectures in the field of metal toxicology, in the Bachelor's and Master's Degree Programmes as well as PhD Programmes in the medical area.

POSITION NO. 14

Department:

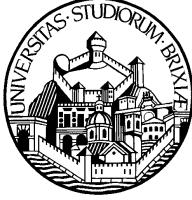
Medical and Surgical Specialities, Radiological Sciences and Public Health

Duration: 12 months**Scientific area:** Cardiovascular diseases**Profile**

The Visiting Professor should be an international expert in the research and development of new molecules for treating patients affected by heart failure and in the research of new management models for the post-acute stage of patients hospitalised for heart failure.

Teaching duties

Series of lectures and seminars on research for the development of new molecules for treating heart failure.



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POSITION NO. 15

Department:

Law

Duration: 1 month

Scientific area: Roman Law and Ancient Law

Profile:

The Visiting Professor should be a professor of Roman Law and / or Civil Law in a Latin-American University, recognised as an expert of the Roman legal system, the issues of Roman Law, the unification of law in Europe and Latin America and of the "system" of Latin-American Codes.

Teaching duties:

Course on the Roman legal system and on the Latin-American legal subsystem, with particular focus on bonds and contracts.

POSITION NO. 16

Department:

Law

Duration: 1 month

Scientific area: Administrative Law

Profile:

The Visiting Professor should be a researcher from a European or Non-European University and an expert in European public law. His/her field of research should concern public law and European law from a comparative perspective.

Teaching duties:

Course supplementary to the compulsory course "Business and Law" on the European Directive on the topic of concessions.

POSITION NO. 17

Department: Law

Duration: 45 days

Scientific area: Labour Law

Profile:

The Visiting Professor should have scientific and teaching experience in International Labour Law and should also be able to work addressing all areas of the Spanish labour law system.

Candidates with a proven aptitude to interaction with international law systems and to working in international teams will be preferred.

Teaching duties:

Meetings, lectures and practicals in English for students of the course in Labour Law.



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POSITION NO. 18

Department:

Law

Duration: 1 month

Scientific area: Private Law

Profile:

The Visiting Professor will preferably be a researcher and/or University professor from a University and/or research centre in Latin America. A teaching experience of at least 10 years and a significant number of publications (no less than three) on the subjects listed in the teaching duties and published in international law journals are required.

Teaching duties:

In-depth seminars and lectures on contract and liability law in Latin America and Spain.

POSITION NO. 19

Department:

Economics and Management

Duration: 2 months

Scientific area: Economics

Profile:

The Visiting Professor should have research interests predominantly in the field of economics and health policy, with solid experience in the evaluation of healthcare systems in developing countries through the use of large-scale social experiments, in studying the determinants based on which the final consumer chooses healthcare service providers, in the sustainability of healthcare costs and in the multidimensional measurement of well-being in the elderly.

Teaching duties:

Teaching in the module "Empirical Health Economics" in the first year of the Master's Degree Programme in "Science and Technology for Population Health and Wealth" and seminars.

Art. 2

Admission application – Terms and Conditions

The admission application, available on the University of Brescia website at the address:

<http://en.unibs.it/research/relations-and-international-mobility-visiting-professor/selection-procedure-visiting-professor>

shall be completed and sent by post to: Università di Brescia Piazza Mercato 15 – 25121 Brescia ITALY – Servizio Ricerca e Trasferimento Tecnologico - UOC Relazioni e Mobilità Internazionali.

As an alternative, the application can be sent in PDF format via email at servizio.ricerca@unibs.it, attaching a photocopy of an identity document (national identity card or passport).

The final deadline for receipt of applications is at 12.00 noon (Italian time) on 26 April 2016

In their application the candidates should clearly state their full name, date and place of birth, as well as any other information required in the application form enclosed herewith.

The candidate should specify the address chosen for the purposes of the competition, including an email address.

A curriculum vitae should be enclosed with the application.



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The University holds no responsibility in the event that the addressee cannot be contacted or for lost notices due to inaccurate indication of the candidate's address, or the lack of or late communication of a change in the address stated in the application, nor for any postal errors not attributable to the Administration, or which are attributable to third parties, unforeseeable circumstances or force majeure.

Art. 3 Evaluation Committee

The candidates will be selected based on the qualifications they declared to possess and the judgement expressed by a specific committee set up by Chancellor's Decree and chaired by the Vice-Chancellor delegate for Internationalisation.

Art. 4 Contributions for the Visiting Professor

Financial contribution, subject to current tax, social security and welfare laws, will be provided according to the table below:

GROSS AMOUNTS	
Compensation	€1500 monthly
travel expenses	max. €1200 for overseas travel
travel expenses	max. €500 for travel within the EU
accommodation expenses	max. €700 monthly

Art. 5 Reference law

For matters not covered in this call for applications, the provisions of the guidelines for Visiting Professor apply.

This call for applications and its English version are published on the University of Brescia website.

Signed by THE CHANCELLOR
(Prof. Sergio Pecorelli)