Visiting Professor Program
Academic year 2022/2023

TEACHING COMMITMENT: 16 hours

COURSE TITLE
Biomathematics

TEACHING PERIOD
2nd term

SCIENTIFIC AREA
Numerical Analysis

LANGUAGE USED TO TEACH
English

COURSE SUMMARY
Basic notions in population theory and applications to ecosystems and epidemiology.

LEARNING OBJECTIVES
To expose the students to novel ideas and recent results in this specific scientific field.

TUTORSHIP ACTIVITIES
Possible

LAB ACTIVITIES
Possible

OTHER ACTIVITIES BESIDES THE COURSE
Possible seminars.
VISITING PROFESSOR PROFILE
The candidate should have a record of publications on international journals in the specific research field of biomathematics and dynamical systems.

The candidate must be at least a tenured professor in a University with a good record of published research papers in particular in population dynamics, epidemiological and eco-epidemiological models. In epidemiology of interest will be researches on opportunistic diseases. At the theoretical level he/she should have worked with ordinary differential and difference equations, with emphasis on time scale reduction model.

The successful candidate should also have a record of contributions to conferences, workshops and seminars. A record of research grants is also very welcome. Preferential titles would also be an international experience during the doctoral studies, collaborations with renowned scientists abroad, as well as the advising of students at the doctoral level.

CONTACT PERSON AT THE DEPARTMENT
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