AIMS | African Institute for Mathematical Sciences GHANA

TRANSCRIPT OF ACADEMIC RECORD

Name: Nono Saha Cyrille Merleau
Degree awarded: Master of Science
Major: Mathematical Sciences

Date of birth [m-d-y]: 03-26-1992
Sex: M
Award date: June, 2018

Code	Course Description	
Skill Courses (Core)		
MSCI 501/601	Mathematical Preliminaries and LaTeX	Good Pass
MSCI 503/603	Introduction to Scientific Computing with Python	Good Pass
MSCI 561/661	Probability and Statistics with an Introduction to R	Good Pass
MSCI 507/607	Concepts in Physics and Physical Problem Solving	Good Pass
MSCI 553/653	Topics in Entrepreneurship and Professional Development	Good Pass

Code	Course Description	Mark(%)	Grade
Review Courses (Elective)			
MSCI 571/671	A Course on Differential Equations	66	Pass
MSCI 535/635	Advanced Numerical Analysis and Scientific Computing using Python	73	Good Pass
MSCI 573/673	Complex Networks with Computations	78	Good Pass
MSCI 564/664	Statistical Modelling	74	Good Pass
MSCI 558/658	The life of a Particle	89	Distinction
MSCI 528/628	Complex Analysis	72	Good Pass
MSCI 554/654	Knot Theory	71	Good Pass
MSCI 576/676	Mathematical Biology	74	Good Pass
MSCI 568/668	Noncommutative Geometry and Quantum Algebra	74	Good Pass
MSCI 596/696	Pattern Recognition and Machine Learning	88	Distinction
MSCI 526/626	Lie Algebra and Lie Groups	84	Good Pass
Research Phase			
MSCI 500/600	Evaluation of Libraries Implementing Symbolic Regression	81	Good Pass
Overall Mark		78	Good Pass

AFRICAN INSTITUTE FOR MATHEMATICAL SCIENCES (AIMS GHANA) P. O. BOX DL 676 ADISADEL-CAPE COAST PHONE 031 2290961

Academic Director

The assessment and evaluation scheme

The AIMS Ghana Master's in Mathematical Sciences consist of skill courses, review courses and a research project. The academic assessment of students for the Master's in Mathematical Sciences is completed in the following ways:

- Continuous assessment through written assignments, tutorials, short test and presentations set by lecturers;
- The mark awarded for a given course is determined by the lecturer concerned in consultation with the tutors involved;
- During the skill phase, group work and individual growth are emphasised in a less formal context and for these courses, the mark obtained is a Good Pass (i.e. 70% and above) or a fail;
- During the review and research project phases, marks obtained are classified as follows:
    1. Distinction: 85-100%
    2. Good Pass: 70-84%
    3. Pass: 60-69%
    4. Fail: less than 60%
- Each of the courses in the review phase is 3 credits, while the essay is 9 credits.
- The student is required to orally defend a written research project to a panel of examiners. This panel includes the AIMS Director, the Academic Manager, the Supervisor, Tutors and External Examiners;
- To obtain the AIMS Master's in Mathematical Sciences with distinction requires:
    - ◎ a Good Pass for the skill courses,
    - ◎ at least 6 Distinctions for the review phase,
    - ◎ a Distinction for the essay phase.
- In an extraordinary circumstances where the quality of the essay is highly exceptional, fewer review distinctions may be required when awarding the degree with distinction.
- In order to successfully complete the AIMS MSc degree, a pass is required for each of the phases. This should include at least 11 courses in the review phase.

Integrated assessment

A portfolio for each student is compiled, containing the grades achieved for each of the courses attended, observations on their presentations, all their assignments, completed exercises and their final research project. External evaluation of each student's performance and all aspects of the program is conducted by six senior academics representing the different mathematical sciences disciplines (including Physics). The outcome of the integrated assessment is reported to each university for those students registered in their science faculties.