

MASTMO - *Mathematical and Statistical Modelling MSc Programme*



Hawassa University, from the new campus 2009

Dear interested students and applicants,

Welcome to the information page for the MASTMO Master of Science Programme!

[MASTMO](#) (*M*athematical and *S*tatistical Modelling) is a MSc programme at the Department of Mathematical and Physical Sciences, [Hawassa University](#), Hawassa, Ethiopia.

The 1st cohort of 19 students started in September 2010 and graduated in the summer of 2012. A list of student names along with titles of their master theses are found here: [MASTMO first cohort](#).

The 2nd cohort of students, starting September 2011, graduated in the summer of 2013: [MASTMO students 2nd Cohort](#).

The 3rd cohort containing 10 students started in October 2013: [MASTMO students 3rd Cohort](#).

MASTMO is a MSc programme focussing on applications of mathematics and statistics. Modern techniques and extensive use of computers are integrated parts of the programme. MASTMO will enable you to put real life problems into mathematical and statistical models, applying mathematics and statistics for the analysis of the models, and using computers for simulation studies and processing of large data sets.

Also, the programme will equip you with necessary knowledge and skills of applying mathematics and statistics

to one of three application areas of special interest to Ethiopia:

- Agriculture and Plant Science
- Health Science
- Environmental and Earth Sciences (this option will be added later)

After completing the programme, you will have competence in methods that are useful and asked for in many different fields. And the best of all, you acquire knowledge and methodologies having permanent values, and you are trained in acquiring new knowledge for the rest of your life!

MASTMO has been developed in collaboration with the Industrial Mathematics programme at the Department of Mathematical Sciences, [Norwegian University of Science and Technology](#), Trondheim, Norway. The NTNU programme has been running since 1982, as a part of [European Consortium for Mathematics in Industry](#) (ECMI).

You are a candidate for the MASTMO MSc programme if you

- have a BSc in Mathematics, Statistics, or related fields,
- feel you have a potential for numerical and analytical skills,
- wish to apply mathematical and statistical methods to practical problems,
- would like to get an education which opens doors to many different jobs.

See **MASTMO Project Info** on the [MASTMO home page](#) for information about the curriculum.

For information about applications contact

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[Hawassa University MASTMO page](#)



Welcome to Hawassa University!

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