ManGrowth Course 2025 – Programme

October 8 – November 6, 2025

DAY A (07/10/2025)	Arrival of Italian students in Maputo.	
DAY B (08/10/2025)	Opening Intensive course "ManGrowth – Preservation of Ecosystems for Sustainable Development"	
	Students and professors arrive at Inhaca Island Marine Biology Station.	Prof. Ramoni
	Course start: welcome words, presentation of first–week professors and participating students. Instructions and recommendations.	Prof. Ramoni, Prof. Macamo, Prof. Bourgeois
DAY 1 (09/10/2025)	Botanic week begins. Proposal of projects by the invited professors. Formation of student groups. Selection of the responsible student for each project. Discussion of the methodologies to be implemented	
	Mangroves restoration I. Mangrove ecology introduction. Specific species composition (flora and associated species). Ecological and social services. Threats and impacts. Governance. The biogeochemistry of mangrove's ecosystem services. Mangrove reforestation and expansion: biogeochemistry and ecophysiological considerations. Development of the projects (data analysis, literature searching, report writing, etc.)	Prof. Macamo
	Mangrove restoration II. Introduction: global state of mangrove forests, loss drivers and what to expect for the future. Decision-making for mangrove conservation/rehabilitation/reforestation: step by step protocol. Development of the projects (data analysis, literature searching, report writing, etc.)	Prof. Bourgeois
DAY 8 (16/10/2025)	Botany week ends. Presentation of the projects. Free afternoon	
DAY 9 (17/10/2025)	Socioeconomic week begins. Proposal of projects by the invited professors. Formation of student groups. Selection of the responsible student for each project. Discussion of the methodologies to be implemented	
	The economy of the mangroves. Economics of Environmental and Natural Resources. Local and traditional uses of NR. Impact of uses. Role of mangroves in supporting communities. Socio-economic evaluation of environmental resources. Alternative income-generating activities. Investigations methodologies, construction of questionnaires, data elaboration. Development of the projects (data analysis, literature searching, report writing, etc.)	Prof. Paula Ferro, Prof. Phlile Mbatha, Prof. Sara Sangareau
DAY 16 (24/10/2025)	Socioeconomic week ends. Presentation of the projects. Free afternoon	
DAY 17 (25/10/2025)	Zoological week begins. Proposal of projects by the invited professors. Formation of student groups. Selection of the responsible student for each project. Discussion of the methodologies to be implemented	
	Terrestrial fauna of mangroves. Introduction of mangrove terrestrial fauna. Terrestrial fauna behaviour. Fauna monitoring. Development of the project	Prof. Soto Werschitz
	Invertebrate mangrove fauna. Invertebrate monitoring and sampling. Field strategies and survey techniques. Practical session. Development of the project	Prof. Nasreen Peer
	Marine fauna of mangrove. Fish and plankton. Monitoring and sampling: in field strategies and survey techniques. Practical session. Development of the project	Prof. Monika Quiñones Winder
DAY 24 (01/11/2025)	Zoological week ends. Presentation of the projects. Free afternoon	
DAY 25 (02/11/2025)	Island exploration (Santa Maria's trip)	

DAY 26 (03/11/2025)	Crew leaves Inhaca and goes to Maputo	
DAY 27 (04/11/2025)	Soil labs activities begin at Eduardo Mondlane University	
DAY 29 (06/11/2025)	Soil labs activities end at Eduardo Mondlane University	
	Official Closure of the course	
DAY 30 (07/11/2025)	Foreign participants leave Maputo	

Please note that this syllabus can be further customized based on the specific goals, duration, and resources available for the course.