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*The best of UM6P's  
Leadership to develop Africa*

## The Master's objectives

ESAFE's executive masters program in precision agriculture aims to :

- Provide basic knowledge and understanding of the fundamental principles and applied aspects of precision agriculture.
- Introduce students to the current concepts, technologies, tools, and information management strategies employed in precision agriculture.
- Enhance your crop management competencies and grow your skills as a farm consultant.



## Additional information

**Duration:** 40 days (320 hours)

**Teaching mode:** Part-time

**Language:** English

**Training Venue:** Mohammed VI Polytechnic University Benguerir Campus

**Seats:** 25

**Fees:** please contact us for this information.

## Contact us



@st.executive.education



@StExecutive



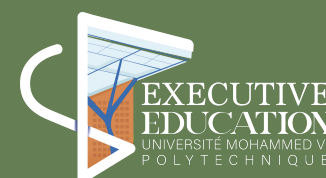
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technology-executive-education



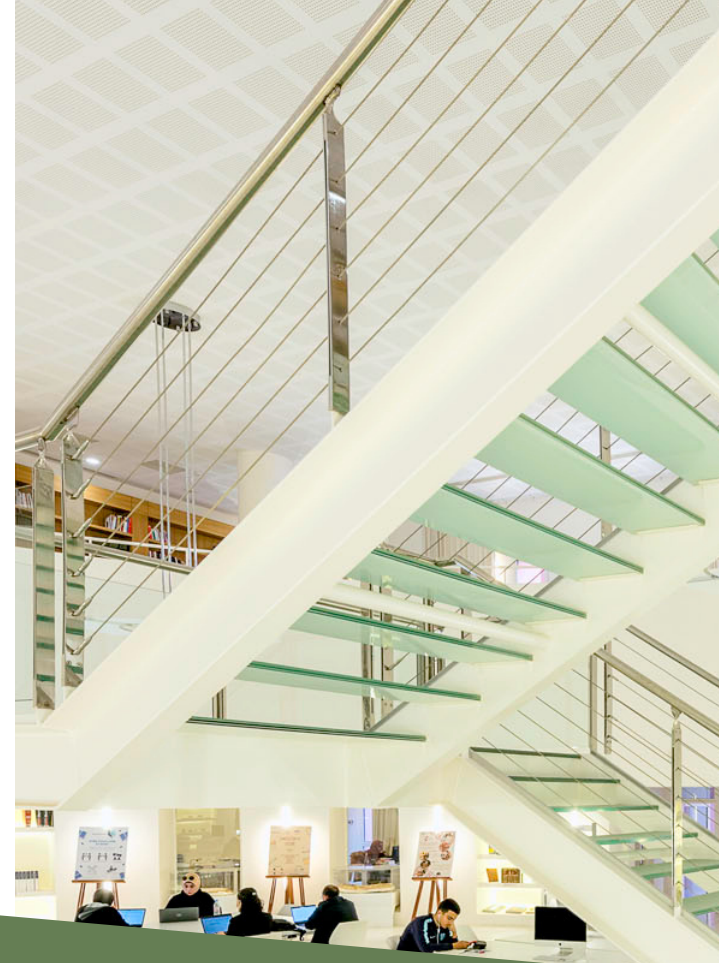
st.executive.education@um6p.ma



UM6P - Lot 660 - Hay Moulay  
Rachid - BEN GUERIR - MOROCCO



# Executive Master Precision Agriculture



# Life on Campus

- **A comfortable place to live:** The UM6P campus covers 33 hectares in the heart of the future green city of Benguerir and near Marrakech.
- **Catering:** Students have access to a university restaurant offering varied and balanced menus.
- **Learning Center:** An exclusive library with more than 13 000 books.
- **Sports Center:** It has excellent sports facilities and offers carefully studied physical activities.



# The Master's curriculum

Week 1.

- Introduction to precision agriculture.
- Understanding and identifying spatial and temporal variability.

Week 2.

- Satellite-based positioning systems.
- Basics of geographic information systems.

Week 3.

- Electronics and control system.
- Precision agriculture equipment and technology.

Week 4.

- Remote sensing technologies and applications.
- Understanding and identifying spatial and temporal variability.

Week 5.

- Yield monitoring and mapping.
- Soil variability measurement & mapping.

Week 6.

- Precision agriculture statistics and data management.
- Developing prescriptions and recommendations for pa systems.

Week 7.

- On-farm experimentation.
- Economics of precision agriculture.

Week 8.

- Digital agriculture.
- Environmental implications of
- Precision agriculture
- Presentation and discussion of the projects conducted by the participants
- Diploma ceremony



# Application requirements

- High level of English proficiency is needed to follow the program.
- Bac +5 in Agronomy, 3 years or more of experience working in the fertilizer industry and production, agricultural service & advisement as well as agribusiness.