

Agricultural Genetic Engineering Master's Degree (Second Cycle) Learning Outcomes

Upon successful completion of the programme, the student:

1. Acquires advanced knowledge on genetics and molecular genetics,
2. Acquires knowledge and ability on implementation of biotechnology techniques in plants,
3. Can organize and implement plant breeding programs in various crops,
4. Acquires knowledge and ability on implementation of molecular marker techniques in plant breeding,
5. Knows intellectual property rights and the ethical issues in agricultural genetic engineering,
6. Knows and interprets the legal regulations related with agricultural genetic engineering,
7. Can organize and implement seed production programs,
8. Acquires advanced knowledge on agricultural genetic resources,
9. Has a basic knowledge of agricultural bioinformatics and its implementations,
10. Acquires ability on identification and interpretation of problems in agricultural genetic engineering, and can make suggestions to solve identified problems,
11. Acquires ability on preparation, implementation and finalization of scientific research projects,
12. Acquires knowledge and ability on data collection, analysis, interpretation and reporting in scientific researches,
13. Gains ability to follow and interpret scientific and technological developments in the related field,
14. Acquires knowledge and ability on written and oral presentation in national and international environment.