



Specific Qualifications of the Program  
Master of Science Program in Genetics  
Academic Year 2026

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**Faculty** Science

**Number of Admissions:** Plan A Type A (2) (Regular Program) 5 persons

**Specific Qualifications:**

1) Applicants must have completed a Bachelor's degree or its equivalent in Science or other related fields from an educational institution accredited by the Office of the Civil Service Commission (OCSC), with a cumulative grade point average (GPAX) of not less than 2.50 throughout the program; or

2) Applicants who have graduated as specified in item 1 but have a cumulative grade point average (GPAX) of less than 2.50 may be considered for admission if deemed appropriate by the program advisor or program faculty; or

3) In cases where the applicant did not graduate in the major applied for and/or does not have the required experience, admission may be considered if the applicant is deemed to have sufficient potential to undertake the chosen major;

4) Must possess the qualifications as specified in Maejo University's regulations regarding graduate studies, as well as other relevant rules and announcements of the University in effect at that time;

5) Other cases shall be at the discretion of the Student Selection Committee.

**Thesis Guidelines**  
**Master of Science Program in Genetics**  
**Academic Year 2026**  
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- Topic 1**      Genetic Diversity Study of Plants Using DNA Markers.  
Thesis Advisor: Associate Professor Dr. Saengthong Pongcharoenkits
- Topic 2**      Application of CRISPR/Cas Genome Editing Techniques to Increase Rice Yield.  
Thesis Advisor: Associate Professor Dr. Chotipa Sakulsingharoj
- Topic 3**      Development of Molecular Markers Associated with Resistant Starch Content and Glycemic Index in Rice.  
Thesis Advisor: Assistant Professor Dr. Yuppayao Kophimai
- Topic 4**      Study of the Expression of Genes Controlling Flowering Patterns in Thai Longan.  
Thesis Advisor: Assistant Professor Dr. Suparat Lithanatudom
- Topic 5**      Study of Genes Associated with Bract Color in Curcuma and Siam Tulip Plants.  
Thesis Advisor: Assistant Professor Dr. Naruemon Khemkladngoen

**Required Application Documents:**

- A digital file of a straight-face photograph, size 1 inch (300 x 400 pixels), without a hat or dark glasses, taken within the last 6 months; graduation gown photos are not permitted (to be uploaded to the application system).
- A copy of the passport (only the first page with personal information).
- A copy of the undergraduate transcript.
- A copy of the document showing name/surname change, or marriage certificate (in case the name/surname does not match other application documents).
- A certificate of student status for those in the final semester of their undergraduate program.

**Tuition Fees:**

For more information about tuition fees, please visit the website:

<https://admissions.mju.ac.th/graduate/en/Default.aspx> and select the appropriate menu >> **Tuition Fee (Master)**