



### Specific Qualifications of the Program

#### Doctor of Philosophy Program in Fisheries Technology and Aquatic Resources

Academic Year 2026

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Faculty	Fisheries Technology and Aquatic Resources	
Number of Admissions:	Plan 1.1 (Regular Program)	2 persons
	Plan 1.2 (Regular Program)	1 person
	Plan 2.1 (Regular Program)	1 person
	Plan 2.2 (Regular Program)	1 person

#### Specific Qualifications:

The qualifications of applicants shall comply with the announcement of the Higher Education Standards Committee regarding the Graduate Program Standard Criteria B.E. 2565, as well as the regulations of Maejo University concerning graduate studies, together with other relevant university rules and announcements. In addition, applicants must possess the following additional qualifications:

##### Plan 1.1

1. Hold a Master's degree or an equivalent qualification in Fisheries or a related field from a higher education institution accredited by the Office of the Permanent Secretary, Ministry of Higher Education, Science, Research, and Innovation (MHESI), or the Office of the Civil Service Commission (OCSC), with a cumulative GPA of not less than 3.50; or
2. Graduates under item 1 with a cumulative GPA of less than 3.50 must have at least two published research articles, or have at least one year of work experience in fisheries or other related fields; or
3. Other cases shall be at the discretion of the program committee.

##### Plan 1.2

1. Hold a Bachelor's degree or an equivalent qualification in Fisheries or a related field from a higher education institution accredited by the Office of the Permanent Secretary, Ministry of Higher Education, Science, Research, and Innovation (MHESI), or the Office of the Civil Service Commission (OCSC), with a cumulative GPA of not less than 3.50; or
2. Graduates under item 1 with a cumulative GPA of less than 3.50, or those with at least one year of work experience in fisheries or other related fields; or
3. Other cases shall be at the discretion of the program committee.

## **Plan 2.1**

1) Hold a Master's degree or an equivalent qualification in Fisheries or a related field from a higher education institution accredited by the Office of the Permanent Secretary, Ministry of Higher Education, Science, Research, and Innovation (MHESI), or the Office of the Civil Service Commission (OCSC), with a cumulative GPA of not less than 3.50; or

2) Graduates under item 1 with a cumulative GPA of less than 3.50 must have at least one published research article, or have at least one year of work experience in fisheries or other related fields; or

3) Other cases shall be at the discretion of the program committee.

## **Plan 2.2**

1) Hold a Bachelor's degree or an equivalent qualification in Fisheries or a related field from a higher education institution accredited by the Office of the Permanent Secretary, Ministry of Higher Education, Science, Research, and Innovation (MHESI), or the Office of the Civil Service Commission (OCSC), with a cumulative GPA of not less than 3.50; or

2) Graduates under item 1 with a cumulative GPA of less than 3.50, or those with at least one year of work experience in fisheries or other related fields; or

3) Other cases shall be at the discretion of the program committee.

In the event that the applicant has obtained a degree in a related field not specified above, and is accepted following the entrance examination, the applicant may be required to take additional courses as recommended by the advisory committee and approved by the responsible faculty member.

### **Guidelines for Graduate Thesis**

#### **Doctor of Philosophy Program in Fisheries Technology and Aquatic Resources**

**Academic Year 2026**

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| <b>Topic 1</b> | Research on Biotechnology Techniques in Fisheries<br>Thesis Advisor: Assistant Professor Dr. Jiraporn Rojtinnakorn   |
| <b>Topic 2</b> | Using Aquatic Organisms as Bioindicators for the Assessment of Freshwater Resources in Northern Thailand<br>Thesis Advisor: Associate Professor Dr. Aphinun Suvarnaraksha                  |
| <b>Topic 3</b> | Environmentally Friendly Aquaculture Systems for Selected Economically Important Aquatic Species Suitable for Northern Thailand<br>Thesis Advisor: Assistant Professor Dr. Udomluk Sompong |
| <b>Topic 4</b> | Effects of Indigenous Probiotic Microorganisms on Growth, Digestive System, and Disease Suppression in Nile Tilapia<br>Thesis Advisor: Assistant Professor Dr. Sudaporn Tongsi             |

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- Topic 5** Value Addition of Aquatic Resources for Health Foods and Cosmetics  
Thesis Advisor: Associate Professor Dr. Doungporn Amornlerdpison
- Topic 6** Control of Harmful Algae in Fish Ponds  
Thesis Advisor: Assistant Professor Dr. Udomluk Sompong
- Topic 7** Control of Muddy Odor in Economically Important Fish Species  
Thesis Advisor: Assistant Professor Dr. Udomluk Sompong
- Topic 8** Natural Extracts for the Prevention and Treatment of Diseases in Aquatic Animals  
Thesis Advisor: Associate Professor Dr. Chanagun Chitmanat
- Topic 9** Development of Local Materials for Organic Aquafeed Production  
Thesis Advisor: Assistant Professor Dr. Sudaporn Tongsi
- Topic 10** Impacts of Climate Change on Aquaculture  
Thesis Advisor: Associate Professor Dr. Aphinun Suvarnaraksha
- Topic 11** Approaches for Managing Aquaculture Production Systems in Accordance with National and International Standards  
Thesis Advisor: Associate Professor Dr. Aphinun Suvarnaraksha
- Topic 12** Sustainable Water Resource Management for Food Security  
Thesis Advisor: Associate Professor Dr. Aphinun Suvarnaraksha
- Topic 13** Integrated Development of Economics, Production, and Marketing for Asian Swamp Eel (*Monopterus albus*) to Enhance Grassroots Economy and Food Security in Thailand  
Thesis Advisor: Dr. Khajornkiat Srinuansom

**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 Master's Degree Academic Transcript
- A certificate of student status for those in the final semester of their undergraduate program.
- A copy of the document showing name/surname change, or marriage certificate (in case the name/surname does not match other application documents).
- Proposed Research Project Outline.

**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**

**(Doctoral)**