



### Specific Qualifications of the Program

#### Master of Science 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 Academic (Regular Program)	2 persons
	Plan 1.2 Academic (Regular Program)	8 persons

#### Specific Qualifications:

The qualifications of applicants must comply with the Announcement of the Higher Education Standards Committee regarding the Graduate Program Standard Criteria B.E. 2565 (2022), as well as the regulations of Maejo University on graduate studies and other relevant university rules and announcements. In addition, applicants must possess the following additional qualifications:

#### Plan 1.1 Academic

- 1) Applicants must hold a Bachelor's degree in Fisheries or a related field 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 2.75; or
- 2) Applicants as stated in (1) who possess relevant research experience and have professional experience in related fields for not less than one year, and who can demonstrate academic potential suitable for conducting research, as specified by the responsible faculty member(s) of the Master of Science Program in Fisheries Technology and Aquatic Resources;
- 3) Applicants must possess qualifications as stipulated in the regulations of Maejo University regarding graduate studies, as well as other relevant university rules and announcements in effect at that time;
- 4) In other cases, eligibility shall be at the discretion of the student selection committee.

## Plan 1.2 Academic

1) Applicants must hold a Bachelor's degree in Fisheries 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; or

2) Applicants who meet the requirements in (1) but have a cumulative GPAX of less than 2.50 must have at least one year of work experience in the field of fisheries;

3) Applicants must have qualifications in accordance with the regulations of Maejo University regarding graduate studies, as well as other relevant university rules and announcements in effect at the time;

4) In other cases, eligibility shall be at the discretion of the student selection committee.

### Guidelines for Graduate Thesis

#### Master of Science Program in Fisheries Technology and Aquatic Resources

#### Academic Year 2026

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| <b>Topic 1</b> | The use of natural substances to enhance the growth of giant freshwater prawn ( <i>Macrobrachium rosenbergii</i> )<br>Chair of Advisory Committee: Associate Professor Dr. Nissara Kitcharoen |
| <b>Topic 2</b> | Application of Ozone for the Control of Fungal Contamination in Fish Eggs<br>Chair of Advisory Committee: Assistant Professor Dr. Udomluk Sompong   |
| <b>Topic 3</b> | Culture of Red Tilapia ( <i>Oreochromis</i> spp.) Using Aquatic Plants<br>Chair of Advisory Committee: Assistant Professor Dr. Sudaporn Tongsir   |
| <b>Topic 4</b> | Breeding of Mekong Giant Catfish ( <i>Pangasianodon gigas</i> ) Broodstock Using Spirulina<br>Chair of Advisory Committee: Assistant Professor Dr. Sudaporn Tongsir                           |
| <b>Topic 5</b> | Application of Biotechnology for the Production of Giant Freshwater Prawns and Freshwater Fish<br>Chair of Advisory Committee: Assistant Professor Dr. Jiraporn Rojtinakorn                   |
| <b>Topic 6</b> | Utilization of Aquatic Organisms for Assessing the Impacts of Human Activities<br>Chair of Advisory Committee: Associate Professor Dr. Aphinun Suvarnaksha                                    |
| <b>Topic 7</b> | Sustainable Management of Aquatic Natural Resources and Environment in the Ping River Basin<br>Chair of Advisory Committee: Associate Professor Dr. Aphinun Suvarnaksha                       |

**Guidelines for Graduate Thesis**  
**Master of Science Program in Fisheries Technology and Aquatic Resources**  
**Academic Year 2026**

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- Topic 8** Taxonomic Diversity of Fishes and Phylogenetic Study of Aquatic Animals  
Chair of Advisory Committee: Associate Professor Dr. Aphinun Suvarnaraksha
- Topic 9** Sex Reversal in Nile Tilapia (*Oreochromis niloticus*) Using Hormones  
Chair of Advisory Committee: Dr. Khajornkiat Srinuansom
- Topic 10** Analysis of Production and Marketing Conditions of Selected Aquatic Species in Chiang Mai Province  
Chair of Advisory Committee: Assistant Professor Dr. Daracha Thiammueang
- Topic 11** Effects of Aquatic Environmental Conditions on Fisheries Production in the Ping River  
Chair of Advisory Committee: Assistant Professor Dr. Daracha Thiammueang
- Topic 12** Development of Techniques for Commercial Frog Farming  
Chair of Advisory Committee: Associate Professor Dr. Jongkon Promya
- Topic 13** Approaches for Responsible and Environmentally Friendly Aquatic Animal Production Systems Management  
Chair of Advisory Committee: Assistant Professor Dr. Daracha Thiammueang
- Topic 14** Approaches to Mitigating the Impacts of Fisheries Activities on the Economy, Society, and Environment  
Chair of Advisory Committee: Assistant Professor Dr. Daracha Thiammueang
- Topic 15** Approaches to Sustainable Management and Utilization of Fisheries Products and Waste  
Chair of Advisory Committee: Assistant Professor Dr. Udomluk Sompong
- Topic 16** Integrated Management of Aquatic Resources  
Chair of Advisory Committee: Assistant Professor Dr. Daracha Thiammueang
- Topic 17** Approaches to Reducing Energy Consumption in Fisheries Activities  
Chair of Advisory Committee: Assistant Professor Dr. Daracha Thiammueang
- Topic 18** Hormonal Induced Breeding of Mekong Giant Catfish (*Pangasianodon gigas*) in Earthen Ponds  
Chair of Advisory Committee: Dr. Khajornkiat Srinuansom
- Topic 19** Thai Herbal Extracts for the Elimination of Fungal Infections in Ornamental Fish  
Chair of Advisory Committee: Assistant Professor Dr. Jiraporn Rojtinakorn
- Topic 20** Cultivation of Pond Snails (*Filopaludina* spp.) in Earthen Ponds Based on Sufficiency Economy Principles for Sustainable Development  
Chair of Advisory Committee: Associate Professor Dr. Aphinun Suvarnaraksha

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