

Program specification of Master of Science in Health Science Education (International Program)

1. Awarding body/institution

Mahidol University

2. Details of the accreditation by a professional or statutory body

The Mahidol University Council approved the program in its meeting 571 meeting on August 18, 2021.

Ministry of Higher Education, Science, Research, and Innovation approved in 2023.

3. Name of the final award

Master of Science (Health Science Education)

4. Programme title

Master of Science Program in Health Science Education (International Program)

5. Expected Learning outcomes of the programme

PLO1: Explains basic principles of educational research, learning psychology, assessment, curriculum, and leadership and organization in the context of health science education

PLO2 Applies educational principles in teaching, assessment, curriculum management and evaluation, and) management in health science education properly

PLO3: Critically analyzes health science education problems, with proper usage of data

PLO4: Implements quantitative or qualitative research approach to address problems in health science education

PLO5: Utilizes appropriate statistics for analysis of educational data and interprets the results correctly in a timely manner

PLO6: Effectively participates in a team process in creating educational innovations or educational projects

PLO7: Uses basic communication skills (listen, read, write, speak) to share ideas in public and effectively employs information technology

PLO8: Uses information technology to access important information for solving educational problems

PLO9: Shows ethical behaviors in performing educational activities

6. Admission criteria or requirements for the programme

- A bachelor's degree in education, science, or health science education (medical, dentistry, veterinary, medical technology, nursing, pharmacy, public health sciences, etc.) or
- A bachelor's degree in another discipline with working experience in education at least 3 years, including a certificate from supervisors or head officers.
- A cumulative GPA is not less than 2.75, with a maximum grade of 4.00 or equivalent to other study matrix calculations.
- An English proficiency examination score according to the graduation requirement of the Faculty of Graduate Studies.
- Other exceptions may be considered by the program director and the Dean of Faculty of Graduate Studies.

Test	Requirement
IELTS	5.0 (W=5, S=5)
TOEFL-iBT	64 (W=17, S=15)
MU GRAD Plus (MU GRAD test+Speaking)	70 (W=10, S=10)
MU ELT	84 (W=10, S=10)

W=Writing, S=Speaking

English score must not exceed 2 years.

After submitting the bachelor's degree certificate and transcript with the English certificate, the applicants must pass through written and interview examinations. There is a written examination committee and an interview test committee.

7. Program structure and requirements including levels, courses, credits, etc.

Plan A2

Year	Semester 1	Semester 2
1	SIHS 501 Principles of Educational Research 2 (2-0-4)	SIHS 505 Educational Research Techniques 2 (2-0-4)
	SIHS 502 Psychology of Learning in Health Science Education 2 (2-0-4)	SIHS 506 Learning Theories in Health Science Education 2 (2-0-4)
	SIHS 503 Assessment and Evaluation of Learning in Health Science Programs 2 (2-0-4)	SIHS 507 Assessment and Evaluation of Complex Learning in Health Science Programs 2 (2-0-4)
	SIHS 504 Curriculum Development in Health Science Education 2 (2-0-4)	SIHS 508 Curriculum Evaluation of Health Science Education 2 (2-0-4)
	SIHS 509 Faculty Development and Leadership in Health Science Education 2 (2-0-4)	SIHS 510 Seminar in Health Science Education 2 (2-0-4)
	Elective Courses 2 credits	Elective Courses 2 credits
	Total 12 credits	Total 12 credits
	Summer	
	Elective Courses 2 credits (Optional)	
	Total 2 credits	
2	SIHS 698 Thesis 6 (0-18-0)	SIHS 698 Thesis 6 (0-18-0)
	Total 6 credits	Total 6 credits

Plan B

Year	Semester 1	Semester 2
1	SIHS 501 Principles of Educational Research 2 (2-0-4) SIHS 502 Psychology of Learning in Health Science Education 2 (2-0-4) SIHS 503 Assessment and evaluation of learning in health science programs 2 (2-0-4) SIHS 504 Curriculum Development in Health Science Education 2 (2-0-4) SIHS 509 Faculty Development and Leadership in Health Science Education 2 (2-0-4) Elective Courses 2 credits Total 12 credits	SIHS 505 Educational Research Techniques 2 (2-0-4) SIHS 506 Learning Theories in Health Science Education 2 (2-0-4) SIHS 507 Assessment and Evaluation of Complex Learning in Health Science Programs 2 (2-0-4) SIHS 508 Curriculum Evaluation of Health Science Education 2 (2-0-4) SIHS 510 Seminar in Health Science Education 2 (2-0-4) Elective Courses 2 credits Total 12 credits
	Summer	
	Elective Courses 2 credits (Optional)	
	Total 2 credits	
2	Elective Courses 4 credits Comprehensive Examination SIHS 697 Thematic paper 3 (0-9-0) Total 7 credits	Elective Courses 2 credits Thematic paper Defense SIHS 697 Thematic paper 3 (0-9-0) Total 5 credits

8. Date on which the program specification was written or revised
November 20, 2023