

Doctor of Philosophy in Medical Science (2022)

Naresuan University



Doctor of Philosophy Program in Medical Sciences

Ph.D. (Medical Sciences)

The Doctor of Philosophy in Medical Science program produces doctorate graduates who are capable of utilizing their advanced scientific knowledge and skills and leading the profession through dynamic scientific and technological advancement. The program's goal is to further the professional career interests in scientific development and expand the contributions of the profession in the field.

Doctor of Philosophy Program Department of Medical Science Revised Curriculum 2022

PL01 Adhere to the principles of honesty and follow academic standards of behaviour

PL02 Expounds on theories within the medical science and technology field.

PL03 Develop novel knowledge, ideas, principles, or advancements in the field of medical science and scientific technology.

PL04 Integrate expertise in the field of medical science and technology with a multitude of other scientific disciplines to address crucial challenges.

PL05 Utilizes suitable technology for the purpose of conducting research and disseminating information on a national and global scale.

PL06 uses appropriate technology to conduct research and communicate information both nationally and internationally.



Course Synopsis and Methodology

Description		Number of credits			
		Type 1.1	Type 1.2	Type 2.1	Type 2.2
1. Course Work	Not less than	-	-	12	24
1.1 Compulsory courses	Not less than	-	-	3	9
1.1.1 core courses		-	-	3	6
1.1.2 specific courses		-	-	-	3
1.2 Elective courses		-	-	9	15
2. Thesis	Not less than	48	72	36	48
3. Compulsory courses (Non-credit)	Not less than	3	6	3	6
Total credits of the whole program	Not less than	48	72	78	72



Academic majors

1. Microbiology
2. Biochemistry
3. Medical Science
4. Physiology
5. Anatomy
6. Parasitology



Application Qualifications:

- Type 1.1,1.2 : (from master's degree)
By research: Type 1.1 48 credits
- Type 1.2 : (from master's degree)
By research: Type 1.1 48 credits
- Type 2.1: (from bachelor's degree)
Coursework 12 credits and thesis 36 credits
- Type 2.2: (from bachelor's degree)
Coursework 24 credits and thesis 48 credits



Research Areas

- Neuroscience
- Neuropsychopharmacology
- Molecular Biosciences
- Cancer Biology
- Medical Biochemistry & Genetics
- Molecular Biology of Diabetes
- Nutrition and Metabolism
- Exercise and Muscle Physiology
- Vascular Physiology and Pharmacology
- Probiotics & Prebiotics
- Medical and Applied Microbiology
- Parasitology and Medical Entomology



Course Synopsis and Methodology

Duration: 3 years (for Type 1.1 and 2.1)
4 years (for Type 1.2 and 2.2)



Required students

- Type 1.1 : 12 candidate students/year
- Type 1.2 : 6 candidate students/year
- Type 2.1 : 8 candidate students/year
- Type 2.2 : 10 candidate students/year



Application Information

1. Division of Academic Affairs, Naresuan University
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Website : <https://reg7.nu.ac.th>
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