

CURRICULUM

Core Courses | 11 units

HI 201	Health Informatics	3
HI 210	System Analysis and Design	3
HI 271	Ethical, Legal & Social Issues in Health Informatics	1
HI 298	Seminar in Health Informatics	2
HI 299	Research Methods in Health Informatics	2

Major Courses | 13 units

MI 207	Organization and Management in Health Informatics	2
MI 216	Data Modeling and Design for Health	2
MI 224	Coding, Classification, and Terminology in Medicine	2
MI 227	Clinical and Laboratory Information Systems	3
MI 238	Applications of Internet Technologies in Health Care	2
MI 239	Primary Health Care Informatics	2

Electives/Cognates Courses | 6-9 units

MI 219	Data Warehousing in Health Care	2
HI 250	Business Aspects of Health Informatics	2
MI 295	Special Topics in Medical Informatics	3
BNF 260	Bioinformatics in Clinical Practice	2
BNF 295	Special Topics in Bioinformatics	3

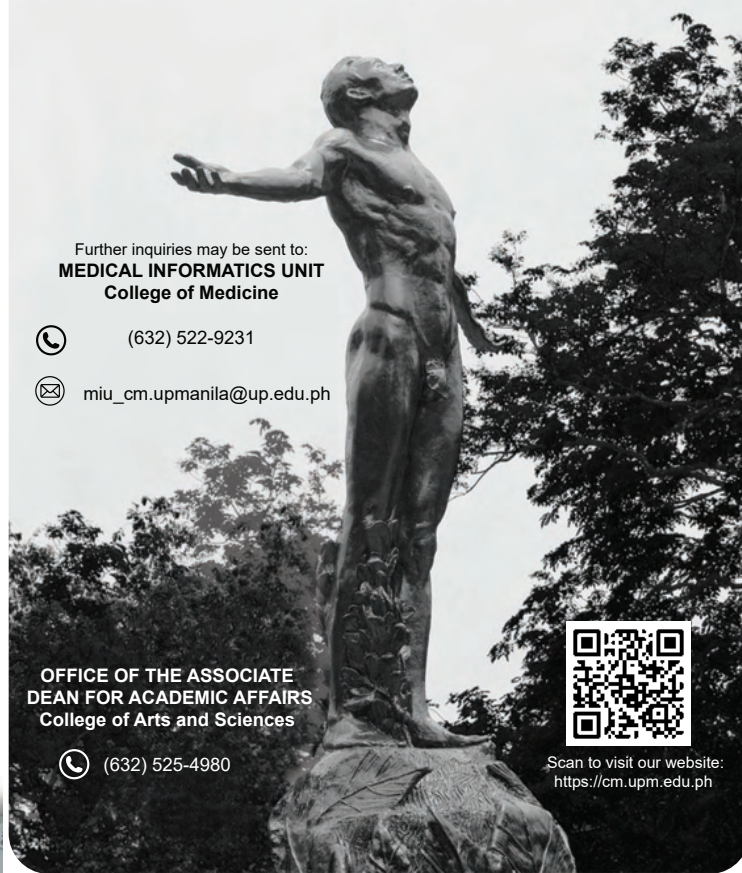
Master's Thesis

6

Total units 36-39

* Or any graduate course offered in any UP unit as approved by the adviser

** Students may opt to take 2 units or 3 units courses provided that the total number of elective/cognate is 3.



Further inquiries may be sent to:
MEDICAL INFORMATICS UNIT
College of Medicine

☎ (632) 522-9231

✉ miu_cm.upmanila@up.edu.ph

OFFICE OF THE ASSOCIATE
DEAN FOR ACADEMIC AFFAIRS
College of Arts and Sciences

☎ (632) 525-4980



Scan to visit our website:
<https://cm.upm.edu.ph>

COLLEGE OF
MEDICINE



**MASTER OF SCIENCE IN
HEALTH INFORMATICS
(MEDICAL INFORMATICS TRACK)**

CONTACT US

Application forms may be obtained from and returned to:

THE DIRECTOR
NATIONAL GRADUATE OFFICE FOR THE HEALTH SCIENCES

☎ (632) 88141 247
(632) 88141 248

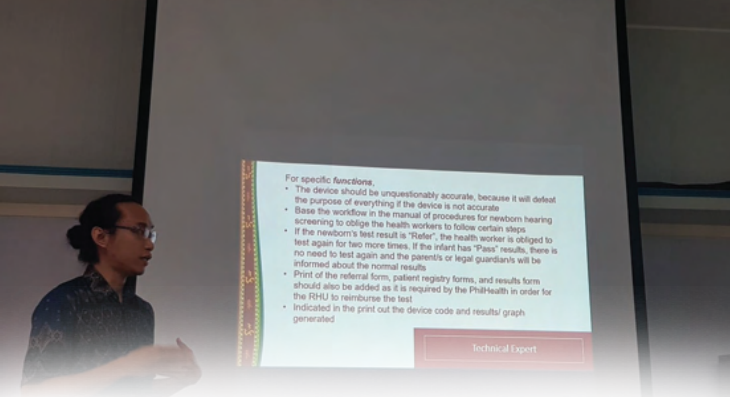
📘 National Graduate Office
for the Health Sciences

✉ upm-ngohs@up.edu.ph

🌐 ngohs.upm.edu.ph



Scan to visit NGOHS website



PROGRAM DESCRIPTION

Health Informatics covers the organization and management of information in the areas of patient care, research and administration. It focuses on the structuring of health data and knowledge to support data analysis and decision-making in medicine and health care with the use of information systems. It covers a wide spectrum of applications, from computer based patient records in general practices and hospitals to electronic communication between health care providers, from signal analysis and image processing to decision support systems. Effective delivery of healthcare requires correct decision-making based on proper management of health information.

PROGRAM OBJECTIVES

The training program is designed to provide prospective leaders in Health Informatics with competencies in Health Informatics such that at the end of the program, the students will be able to:

1. Apply informatics concepts, skills and principles for the efficient solution of health informatics problems;
2. Provide perspectives in health informatics that can be used in the critical study of all levels of health information systems;
3. Plan, undertake, evaluate and monitor health informatics research projects; and
4. Provide technical services to health professionals and agencies for both public and private sectors concerned with management of information which could be the basis for health policy formulation, thereby providing leadership and excellence in health informatics.

ACADEMIC INFORMATION

Schedule of Semesters:
 1st Semester: August to December
 2nd Semester: January to May
 Midyear: June and July (6 weeks)

Number of Units:
 Full-time: 9-12 units/semester
 Part-time: 1-8 units/semester
 Midyear: 1-6 units

Fees:
 Tuition Fee: P990.00/unit
 Library Fee: P1,050.00
 Other Fees: P350.00/semester
 Processing Fee: P300.00

Additional Fees for Foreign Applicants:
 Processing Fee: US\$ 30.00
 Educational Development Fund: US\$ 500.00
 (US\$100.00 for residency only)/semester

Submission of Applications:
 1st Semester: February until the last working day of April
 2nd Semester: To be announced if offered

The following are the grade requirements for each student to be of good standing in the program:

- 1) General weighted average of 2.00 or better;
- 2) Weighted average of 2.00 or better for the major/required courses; and
- 3) No grade of 5.00 in any academic course.

****A maximum of 5 years is given to a student to finish the program.**

Living accommodations for students may be provided in privately-owned housing units/dorms/apartment hotels. Dorms offer lodging and/or board. There are privately-owned eateries around the school.



ADMISSION REQUIREMENTS CHECKLIST

SCAN TO DOWNLOAD APPLICATION



The following are the minimum NGOHS requirements:

1. Good scholastic record from any recognized institution of higher learning *prerequisite include completion of undergraduate courses in biology, chemistry, psychology or related courses.
2. Entrance Interview.
3. Duly accomplished Application Form (downloadable through the NGOHS website: ngohs.upm.edu.ph)
4. Comply with the General requirements found on the 2nd page of the Application Form (UPM-NGS-OP-01F1)

Additional Requirements of the College of Medicine:

- Applications must be a health practitioner with:
- Basic training in biochemistry or molecular biology. Otherwise, prospective students may opt to take the undergraduate equivalent (Chem 32 or Chem 40/ Biochem 14)
 - A passing mark in a validating examination in Computer Programming and Data Structures. Prospective students however, may opt to take its undergraduate equivalent (CS 11, CS 123) in the BS Computer Science Program of UP Manila.
 - Basic training in Epidemiology or Biostatistics or equivalent.

Graduation Requirements:

- Be in residence for at least one full academic year immediately prior to the awarding of the degree.
- Have completed a minimum of 31 units of formal courses (10 units of core courses, 10 units of major and 3 elective courses (6 – 9 units))
- Have a weighted average of 2.00 or better in the core and major/required courses and an overall weighted average of 2.0 or better, provided there is no grade of 5.00 in any of the courses.
- Have successfully defended a master's thesis and passed the comprehensive examination.
- Satisfactory completion and submission of the required hard bound copies of thesis, and electronic copy of manuscript.
- Certificate of submission of paper for Publication.