

2. PROGRAM EDUCATION OBJECTIVES (PEOS)

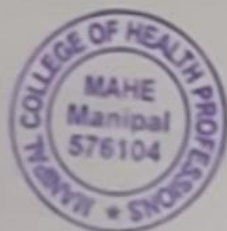
The overall objective of the learning outcome-based curriculum framework (LOCF) for B.Sc Health Information Management Program are as follows:

PEO No.	Education Objective
PEO 1	Students will be able to use their fundamental concepts and technical competence in health information management domain as and when required to achieve professional excellence.
PEO 2	Students will demonstrate strong and well defined practical knowledge in different areas of health information management such as medical documentation, medical coding ,health care data management etc
PEO 3	Students will be able to practice the profession with highly professional and ethical attitude, strong communication skills, and effective professional skills to work in a team with multidisciplinary health care team .
PEO 4	Students will be able to use interpersonal and collaborative skills to identify, assess and formulate problems and execute the solution in closely related issues in health information management domain.
PEO 5	Students will be able to imbibe the culture of research, innovation, entrepreneurship and incubation.
PEO 6	Students will be able to participate in lifelong learning process for a highly productive career and will be able to relate the concepts of digital health and health information management towards enhancing the healthcare system.



3. GRADUATE ATTRIBUTES

S No.	Attribute	Description
1	Professional Knowledge	Acquiring Knowledge of principles of health information management. Knowledge of different dimensions of Digital health domain, learning various tools of health information technology and other related areas of studies
2	Technical / practical skills	Demonstrate Technical / practical skills in order to implement the health care documentation , coding , quality assurance and management plans for quality health care services
3.	Communication	Ability to communicate effectively and appropriately in writing and orally and electronically to patients/clients, care-givers, healthcare professionals and all other stakeholders.
4.	Cooperation/Team work	Ability to work effectively and respectfully with interdisciplinary team members to achieve coordinated, high quality health care for effective clinical documentation.
5.	Professional ethics	Ability to identify ethical issues and apply the ethical values in the professional life
6.	Research / Innovation-related Skills	A sense of inquiry and investigation for raising relevant and contemporary questions, synthesizing and articulating.
7.	Critical thinking and problem solving	Ability to think critically and apply once learning to real-life situations
8.	Reflective thinking	Ability to employ reflective thinking along with the ability to create the sense of awareness of one self and society
9.	Information/digital literacy	Ability to use ICT in a variety of learning situations
10.	Multi-cultural competence	Ability to effectively engage in a multicultural society and interact respectfully
11.	Leadership readiness/qualities	Ability to respond in an autonomous and confident manner to planned and uncertain situations, and should be able to manage themselves and others effectively
12.	Lifelong Learning	Every graduate to be converted into lifelong learner and consistently update himself or herself with current knowledge, skills and technologies. Acquiring Knowledge and creating the understanding in learners that learning will continue throughout life.



5. PROGRAM OUTCOMES (POs):

After successful completion of Bachelor / BSc Health Information Management, students will be able to:

PO No.	Attribute	Competency
PO 1	Professional knowledge	Acquire fundamental and scientific knowledge of health information and health care management
PO 2	Clinical/ Technical skills	Demonstrate and possess technical skills in terms of managing health data through its lifecycle ensuring its availability, usability, integrity, and security to meet the needs of data users.
PO 3	Team work	Demonstrate team work skills to support shared goals with the interdisciplinary health care team by applying appropriate analytical techniques, resources, and IT tools.
PO 4	Ethical value & professionalism	Possess and demonstrate ethical values and professionalism and ensure data stewardship (custodianship) through policies and processes for access, management, and permissible uses of data. Demonstrate awareness of ethical principles in the use of health information
PO 5	Communication	Communicate effectively and appropriately with the interdisciplinary health care team for information dissemination and also with the other stakeholders. Enable semantic interoperability between health information
PO 6	Evidence based practice	Demonstrate and apply knowledge of how coded data for diagnoses, procedures and services are used in healthcare including for management, reporting, reimbursement, and research.
PO 7	Life-long learning	Enhance knowledge and skills with the tools to capitalize on information assets and advancing technology for the continual improvement of professional practice of health information.
PO 8	Entrepreneurship, leadership and mentorship	Display entrepreneurship, leadership and mentorship skills to practice independently as well as in collaboration with the interdisciplinary health care team



6. COURSE STRUCTURE, COURSE WISE LEARNING OBJECTIVE, COURSE OUTCOMES (COS)
SEMESTER - I

Course Code	Course Title	Credits Distribution (L, T & P are hours/week)				Marks Distribution		
		L	T	P	C	IAC	ESE	Total
ANA1104	Anatomy	3	-	-	3	100	-	100
PHY1104	Physiology	2	-	-	2	100	-	100
HIM1101	English	3	-	-	3	50	50	100
HIM1111	Fundamentals of Computer	-	-	6	3	50	50	100
HIM1102	Health Information Management	3	1	-	4	50	50	100
HIM1103	Introduction to Healthcare Delivery System	2	-	-	2	100	-	100
HIM1104	Medical Ethics & Professional values	3	-	-	3	50	50	100
Total		16	1	6	20	500	200	700

Note: The ESE for HIM1101, HIM1102 and HIM1104 will be conducted out of 100

SEMESTER II

Course Code	Course Title	Credits Distribution (L, T & P are hours/week)				Marks Distribution		
		L	T	P	C	IAC	ESE	Total
EIC1001	Environmental Science & Indian Constitution	2	-	-	2	100	-	100
HIM1201	Medical Language - I	3	1	-	4	100	-	100
HIM1202	Communication Skills	3	-	-	3	50	50	100
HIM1211	Database Management System	-	-	6	3	50	50	100
HIM1203	Principles of Management	3	1	-	4	50	50	100
HIM1212	Health Information Management Practicum -I	-	1	6	4	50	50	100
Total		11	3	12	20	400	200	600

Note: The ESE for HIM1201, HIM1202 and HIM1203 will be conducted out of 100



SEMESTER - III

Course Code	Course Title	Credits Distribution (L, T & P are hours/week)				Marks Distribution		
		L	T	P	C	IAC	ESE	Total
PAT2102	Pathology	2	-	-	2	100	-	100
HIM2101	Medical Language – II	3	-	-	3	100	-	100
HIM2102	Management Of Health Information System	3	-	-	3	50	50	100
HIM2103	Quality Assurance In Health & Hospital Statistics	3	1	-	4	50	50	100
HIM2111	Health Information Management Practicum - II	-	-	6	3	50	50	100
HIM2104	Introduction to Health Informatics	2	-	-	2	50	50	100
*** ****	Open Elective - I	-	-	-	3	N/NS		
Total		13	1	6	20	400	200	600

Note: The ESE for HIM2102 and HIM2103 will be conducted out of 100

SEMESTER IV

Course Code	Course Title	Credits Distribution (L, T & P are hours/week)				Marks Distribution		
		L	T	P	C	IAC	ESE	Total
PHC2202	Pharmacology	2	-	-	2	100	-	100
BST3201	Biostatistics and Research Methodology	3	-	-	3	30	70	100
GPY2201	General Psychology	2	-	-	2	30	70	100
HIM2201	Hospital accounting	4	-	-	4	50	50	100
HIM2202	Organizational Behavior	3	1	-	4	50	50	100
HIM2203	Application of HIM in non-traditional setting	2	-	-	2	100	-	100
HIM ****	Program Elective - I	3	-	-	3	50	50	100
Total		19	1	-	20	410	290	700

Note: ESE for HIM2201, HIM2202 and BST3201 will be conducted out of 100



SEMESTER - V

Course Code	Course Title	Credits Distribution (L, T & P are hours/week)				Marks Distribution		
		L	T	P	C	IAC	ESE	Total
HIM3101	Hospital Organization & Administration	3	-	-	3	50	50	100
HIM3102	Principles of Medical Transcription	2	1	-	3	50	50	100
HIM3111	ICD coding	-	-	6	3	50	50	100
HIM3103	Health Care financing	2	1	-	3	50	50	100
HIM3104	Healthcare Policies and Standards*	2	1	-	3	100	-	100
HIM3105	Information Governance	2	-	-	2	100	-	100
*** ****	Open Elective - II	-	-	-	3	N/SN		
Total		11	3	6	20	400	200	600

Note: ESE for HIM3101, HIM3102 and HIM3103 will be conducted out of 100

SEMESTER VI

Course Code	Course Title	Credits Distribution (L, T & P are hours/week)				Marks Distribution		
		L	T	P	C	IAC	ESE	Total
HIM3211	Procedure coding systems	-	-	6	3	50	50	100
HIM3212	Medical Transcription	-	-	8	4	50	50	100
HIM3201	Professional Practice In Health Information Management	2	1	-	3	50	50	100
HIM3202	Advances in Health Information Management	2	1	-	3	100	-	100
HIM3203	Human Resource Management	3	1	-	4	50	50	100
HIM ****	Program Elective II	3	-	-	3	50	50	100
Total		10	3	12	20	350	250	600

Note: ESE for HIM3201 and HIM3203 will be conducted out of 100.



Open Electives

Open elective is credited, choice-based and is graded as satisfactory / not satisfactory (S/NS). Students make a choice from pool of electives offered by MAHE institution / Online courses as approved by the department

Program Electives

Program elective is credited and choice-based. The students make a choice from pool of electives offered by the department. The ESE is conducted for 50 marks.

Semester	Course Code	Course Title	Credit (s) Distribution (L,T,P,CL are hours/week)				
			L	T	P	CL	CR
IV Semester	HIM2241	Applied Health Informatics	3	-	-	-	3
	HIM2242	Public Health Information Management	3	-	-	-	3
VI Semester	HIM3241	Research and Analytics in Health Information Management	3	-	-	-	3
	HIM3242	Clinical Documentation Improvement	3	-	-	-	3

SEMESTER VII

Course Code	Course Title	Credit Distribution (hours/week) *					Marks Distribution		
		L	T	P	CL	CR	IAC	ESE	Total
		HIM4151	Group Project	-	3	-	-	20	100
Total		-	3	-	-	20	100	100	200

Note: The students need to complete online courses as per requirement of the curriculum to fulfill the 50% credit requirements of this semester.

SEMESTER - VIII

Course Title	Credit Distribution (hours/week)					Duration
	L	T	P	CL	CR	
	Internship	-	-	-	48	
Total	-	-	-	48	-	

Note: The interns need to complete online courses as decided by the department to obtain the completion certificate in addition to the internship postings.



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Program Electives

Program elective is credited and choice-based. The students make a choice from pool of electives offered by the department. The ESE is conducted for 50 marks.

Semester	Course Code	Course Title	Credit (s) Distribution (L,T,P,CL are hours/week)				
			L	T	P	CL	CR
IV Semester	HIM2241	Applied Health Informatics	3	-	-	-	3
	HIM2242	Public Health Information Management	3	-	-	-	3
VI Semester	HIM3241	Research and Analytics in Health Information Management	3	-	-	-	3
	HIM3242	Clinical Documentation Improvement	3	-	-	-	3

SEMESTER VII

Course Code	Course Title	Credit Distribution (hours/week) *					Marks Distribution		
		L	T	P	CL	CR	IAC	ESE	Total
		HIM4151	Group Project	-	3	-	-	20	100
Total		-	3	-	-	20	100	100	200

Note: The students need to complete online courses as per requirement of the curriculum to fulfill the 50% credit requirements of this semester.

SEMESTER - VIII

Course Title	Credit Distribution (hours/week)					Duration
	L	T	P	CL	CR	
	Internship	-	-	-	48	
Total	-	-	-	48	-	

Note: The interns need to complete online courses as decided by the department to obtain the completion certificate in addition to the internship postings.



OVERALL CREDIT DISTRIBUTION

Semester	Credit distribution				Marks Distribution		
	L	T	P	CR	IAC	ESE	Total
SEMESTER - I	16	1	6	20	500	200	700
SEMESTER -II	11	3	12	20	400	200	600
SEMESTER - III	13	1	6	20	400	200	600
SEMESTER - IV	19	1	-	20	410	290	700
SEMESTER - V	11	3	6	20	400	200	600
SEMESTER - VI	10	3	12	20	350	250	600
SEMESTER - VII	-	-	-	20	100	100	200
SEMESTER- VIII	-	-	48	-	-	-	-
Grand Total	80	12	90	160	2560	1440	4000

