

Islamic Republic of Iran
Ministry of Health and Medical Education
Deputy for Education
School Health
Degree: Bachelor of Science (BSc)

Course Details

Course name: School Health (BSc)

Total Course Credits:

- General: 24
- Basic: 31
- Core: 59
- Internship in healthcare field: 8
- Internship in schools: 8
- Total: 130

Introduction:

The health of schools, according to the definition of the World Health Organization, consists of a set of actions aimed at diagnosing, providing, preserving, and enhancing the physical, mental, and social health of students and school staff who are in some way connected to students, under the guidance and supervision of school authorities. The necessity of paying attention to school health includes:

- A large and populous population encompasses services
- Vulnerability of individuals covered by the program
- The student's transition from dependency on parents
- The student's adaptation to a new social environment and different age levels
- The student's engagement in learning tasks, which for him is a kind of mental and intellectual struggle
- The ease of delivering services, which can be done tangentially in the core context of education
- Students are teachable and have a talent for learning more than any other group and can easily transform their learning into behavioral habits

- Students can act as bridges between school and home
- The coincidence of this period of life with the rapid and sensitive time of physical, mental and emotional growth and development, as a result of which any type of deviation from the normal state and health during this period, if not detected and corrected at the first opportunity, will have an irreversible effect on the child's future and, as a result, on the society.

Field Definition:

The school health field at the undergraduate level trains experts and equips them with the necessary skills to address the health needs of schools nationwide, increase the level of health awareness, create a favorable attitude, change behavior and facilitate students' access to health services, participation of the student body, school staff, and parents.

Values:

This includes the values emphasized in the course of education, such as: divine and spiritual foundations, health-centeredness, human dignity, students' quality of life, national priorities, equity in health distribution, holistic perspectives, community orientation, avoidance of discrimination, professional ethics in school activities, and the like.

Vision:

Graduates should possess multidimensional knowledge and skills in public health that enable them to have the necessary and sufficient capacity to serve as school health care providers and transform any school into a health promoting school.

Mission:

The mission of this course is to train knowledgeable, capable, responsible, and sensitive to the health of individuals and society in the field of school health, to provide their expertise in providing school health services to students, their parents, and teachers and turn the school into a health promoting school.

Goals:

The most important goals of training school health experts are to raise the health level of students, school staff and students' families by increasing the level of health awareness, creating a favorable attitude, changing behavior and facilitating students' access to health services through the training of human resources. Also, the school health expert will be able to improve the health indicators of different groups through needs assessment, providing health services, health education, controlling epidemics, and taking care of student nutrition.

Specific Goals:

Education and training of forces that:

- Have the ability to actively engage teachers, students, school staff, and parents of students in order to ensure, maintain, and enhance their health and that of the schools by increasing health awareness and insight.
- Have the ability to develop the coordination of school health programs with other related sectors.
- Are capable of providing health care to students at all educational levels.
- Have the ability to participate in practical research and studies in various fields of school health.
- Have the ability to use data, analyze and evaluate data.
- Have the ability to create awareness and a favorable health attitude in students, teachers and school staff and parents.
- Establish effective communication with students, educators, parents, and colleagues.
- Monitor the health of target groups based on national guidelines.
- Be familiar with how human, environmental, economic, and social factors impact the provision, maintenance, and improvement of health at various levels.
- Be aware of how to intervene through needs assessments, health education, epidemic control, nutrition care, and changing health indicators at the school and community levels.
- Have the ability to plan educational interventions in order to improve behavior or create desirable behavioral changes in school.

Roles of Graduates:

Graduates of school health play the following roles in schools:

1. Educator and health promoter
2. Health guardian in schools
3. Executive
4. Researcher
5. Consultant

Table 1. General Courses

Row	Title of Course	Number of Credits	Teaching Hours			Prerequisite
			Theoretical	Practical	Total	
1	Theoretical foundations of Islam	4	68	-	68	-
2	Islamic Ethics	2	34	-	34	-
3	Islamic Revolution	2	34	-	34	-
4	Islamic History and Civilization	2	34	-	34	-
5	Familiarization with Islamic Texts	2	34	-	34	-
6	Persian Literature	3	51	-	51	-
7	General English	3	51	-	51	-
8	Physical Education (1)	1	-	34	34	-
9	Physical Education (2)	1	-	34	34	8

10	Population and Family Planning	2	34	-	34	-
11	Culture and civilization of Islam and Iran	2	34	-	34	-
Total		24				

Table 2. Basic Courses

Code of Course	Title of Course	Number of Credits			Teaching Hours			Prerequisite or concurrent
		Theoretical	Practical	Total	Theoretical	Practical	Total	
01	Biochemistry	1.5	0.5	2	26	17	43	-
02	Anatomy	1.5	0.5	2	26	17	43	-
03	Physiology	1.5	0.5	2	26	17	43	-
04	Technical language, Medical information	2	-	2	34	-	34	General English
05	Principles of epidemiology	2	-	2	34	-	34	-
06	Pathobiology 1 (Bacteriology and Virology)	1.5	0.5	2	26	17	43	-
07	Pathobiology 2 (Mycology and Parasitology)	1.5	0.5	2	26	17	43	-
08	General public health	2	-	2	34	-	34	-
09	Health Sociology	2	-	2	34	-	34	-
10	Principles of nutrition	2	-	2	34	-	34	-
11	Health information systems	1	2	3	17	68	85	-
12	Principles of environmental health	2	-	2	34	-	34	-
13	Health education and health promotion	2	-	2	34	-	34	-
14	Biostatistics	2	-	2	34	-	34	-
15	Principles of rehabilitation and social welfare	2	-	2	34	-	34	-
Total		31						

Table 3. Core Courses

Code of Course	Title of Course	Number of Credits			Teaching Hours			Prerequisite or concurrent
		Theoretical	Practical	Total	Theoretical	Practical	Total	
16	Educational psychology	2	-	2	34	-	34	-

17	Theories of learning and education	2	-	2	34	-	34	-
18	Principles and methods of guidance and counseling	1	1	2	17	34	51	-
19	Application of technology in learning	-	2	2	-	68	68	-
20	Child and adolescent developmental psychology	2	-	2	34	-	34	-
21	Principles and application of audiometry for students	1	1	2	17	34	51	-
22	Principles and application of optometry for students	1	1	2	17	34	51	-
23	Communication skills	1.5	0.5	2	26	17	43	-
24	Caring for children with special needs	-	2	2	-	68	68	-
25	Mental health and addiction with emphasis on school age	2	-	2	34	-	34	16
26	Social health	2	-	2	34	-	34	-
27	Medical emergencies and first aid	1	2	3	17	68	85	02, 03
28	Principles of ergonomics and safety in school	2	-	2	34	-	34	-
29	Pediatric diseases	2	-	2	34	-	34	02, 03
30	Maternal and child health	2	-	2	34	-	34	02, 03
31	Health and illness at school age	2	-	2	34	-	34	-
32	Reproductive health	2	-	2	34	-	34	02, 03
33	Pharmacology of essential drugs	2	-	2	34	-	34	-
34	Communicable diseases	3	-	3	51	-	51	-
35	Non-communicable diseases	2	-	2	34	-	34	-
36	Food health	2	-	2	34	-	34	17
37	Health education and health promotion in schools	1.5	0.5	2	26	17	43	13
38	Research method in school health	1	2	3	17	68	85	05, 14
39	Health system in Iran	2	-	2	34	-	34	-
40	Health care management	2	-	2	34	-	34	-
41	Principles of genetics and its application in public health	2	-	2	34	-	34	-
42	Healthy lifestyle	2	-	2	34	-	34	-
43	Oral health	1	1	2	17	34	51	-
Total		59						

Table 4. Internship in healthcare field

Code of Course	Title of Course	Number of Credits			Teaching Hours			Prerequisite or concurrent
		Theoretical	Practical	Total	Theoretical	Practical	Total	
44	Internship in the hospital (children's hospital emergency)	-	2	2	-	102	102	27, 29
45	Internship in the urban and rural comprehensive health services centers	-	4	4	-	204	204	29, 30, 31, 32, 33, 34, 35, 37
46	Internship in children's rehabilitation centers	-	2	2	-	102	102	21, 22, 24
Total		8						

Table 5. Internship in schools and kindergartens field

Code of Course	Title of Course	Number of Credits			Teaching Hours			Prerequisite or concurrent
		Theoretical	Practical	Total	Theoretical	Practical	Total	
47	Internship in the management of children's accidents and diseases (in the kindergartens and schools)	-	2	2	-	102	102	44
48	Internship of provide health care to children	-	4	4	-	204	204	45
49	Internship of provide rehabilitation care to children	-	2	2	-	102	102	46
Total		8						