



Bachelor of Science in Public Health

REGULATIONS AND CURRICULAM 2021-2022

For students admitted from the academic year 2021-22

**Faculty of Medicine and Health Sciences
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
Deemed to be University u/s 3 of UGC Act, 1956
Kattakulathur-603 203**



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1. SHORT TITLE AND COMMENCEMENT OF PROGRAM

These regulations shall be called '**BACHELOR OF SCIENCE IN PUBLIC HEALTH 2021** in short form BSc (Public Health) 'under SRM Institute of Science and Technology Kattankalathur, Kanchipuram District Tamil Nadu. The same has been placed and approved by the 45th academic council meeting of SRM Institute of Science and Technology held on 19.3.2021. The regulations shall come into force for the candidates admitted from the academic year 2021 - 22 onwards.

2. DURATION OF THE COURSE

The duration of the program shall be three academic years comprising of six Semesters.

3. ELIGIBILITY FOR ADMISSION

A candidate desiring to join the three year programme leading to the Degree of Bachelor of science in Public Health BSc.(Public Health) should have passed 10 +2 (Higher Secondary) or equivalent examination and Biology as one of the subjects in India / abroad

3.1 Age limit for admission:

A candidate should have completed the age of 17 years at the time of admission to the BSc. (Public Health) program.

4. REGISTRATION

- 4.1** Selected Students are provisionally allotted admission after paying the prescribed fees. Registration and enrolment will be controlled centrally by the directorate of admissions, SRM IST. For a student to attend classes he/she has to complete the enrolment procedure. All students shall formally register for the courses every semester to undergo course work.
- 4.2** From the second semester onwards all students have to register on a specified day at the beginning of a semester. A student will be eligible for registration if he/she has cleared all dues to the University, Hostel, Library etc. up to the end of the previous semester, and he/she is not debarred for enrolment by a disciplinary action of the University.
- 4.3** The registration sheet contains the course number, course name, number of credits and category for each course taken in that semester. The student makes the choice of course in consultation with his/her Faculty adviser/ mentor.
- 4.4** Admission cut-off date shall be August 31st of every year.

5. COMMENCEMENT OF THE PROGRAM

The BSc.(PH) program will commence from Second week of July of every academic year. It is in semester pattern. July to December is odd semester and January to June is even semester

6. WORKING DAYS IN EACH SEMESTER

Each semester shall consist of not less than 100 working days.

7. COMMENCEMENT OF THE EXAMINATIONS

- 7.1** The 1st, 3rd and 5th (Odd) semesters examinations will commence from November / December in every academic year.
- 7.2** The 2nd, 4th and 6th semesters examinations will commence from May / June in every academic year.

8. MEDIUM OF INSTRUCTION

English will be the medium of Instruction for all subjects of study and examinations will be conducted only in English.

9. ATTENDANCE

- 9.1** Attendance is the physical presence of the student in the class. It is a well observed fact that the students who score good grades are those who attend classes regularly. Therefore, the students must strive to attend all the classes without fail.
- 9.2** A student who has an attendance lower than 75% whatever may be the reason for the shortfall in attendance will not be permitted to sit for the examination both internal and external unless the Student completes course work/assignment as suggested by the faculty in charge of the module/course in which the shortfall exists.

10. CONDONATION OF LACK OF ATTENDANCE

Condonation of shortage of attendance up to a maximum of 10% in the prescribed eligible attendance for admission to the University Examination rests with the discretionary power of the Vice Chancellor. For Valid reasons, a candidate lacking in attendance may submit an application in the prescribed form and remit the stipulated fee 15 days prior to the commencement of the theory examination. The Head of the Institution should satisfy themselves on the reasonableness of the candidate's request while forwarding the application with their endorsements to the Controller of Examination who would obtain the Vice-Chancellor's approval for admission of candidate to the University Examination.

11. Maximum Duration of Course

Maximum to complete the course is 5 years from the date of admission

12. INTERNAL ASSESSMENT

12.1 From time to time, the Academic Council of the university will decide the system of tests and examinations in each semester of the BSc. (Public Health) course. The assessment would be based on 50 % internal assessment and 50 % University exam. An Internal assessment examination shall be conducted in each subject during a semester and awarded as internal marks.

12.2 The learning of a student is assessed and evaluated in-house by the course facilitating faculty Member /department except in the case of project work where an external examiner shall be nominated for conducting the viva-voce.

12.3 Internal exam: At the end of each module the faculty will conduct the internal exam. The exam pattern will be decided by the course faculty. Internal assessment will be based on the respective Modules as indicated in the syllabus. The table below lists the possible formats for assessments.

However, for the following modules, internal exam will be conducted for 100% marks.

S.No.	Subject Code	Subjects
1	BPH21202	Communication Skills *
2	BPH21204	Public health challenges and Acts*
3	BPH21303	Health education, Communication Skills & Counselling*
4	BPH21305	Basic Medicine, Accidents and Treatment of Minor ailments*
5	BPH21502	Fundamentals of Research Methodology *

The internal assessment marks for fully internal modules shall be awarded as per the scheme given below

Assessment	Marks
Final exam	50
Assignments / surprise tests / presentation / Debates / Self-study / Group activities	40
Class participation	10

The internal assessment for other modules including practicals' shall be awarded as per the scheme given below

Assessment	Marks
Internal assessment 1	25
Internal assessment 2	25
Total	50

13. UNIVERSITY EXAMINATIONS

13.1 University examinations are conducted at the end of every semester

13.2 Eligibility for appearance for in semester exam is the required percentage of attendance in all the courses

13.3 End of Semester Examination: There will be one end semester examination for 3 hours' duration in each lecture based Course/module.

Odd Semester (1 st , 3 rd and 5 th semester)	November / December
Even Semester (2 nd , 4 th and 6 th Semester)	May / June

13.4 Practical: BSc.(Public Health) is a field /lab based course learning happens in the field / lab. Hence, field / lab related activities will be considered as practical for the course work credit calculations.

13.5 Pattern of university practical examination

Assessment	Marks
Record / Log book submission	10
Spotters	10
Experiment/ Exercises	10
Viva	20
Total	50

The practical examination for I, II, III and IV course / modules shall be a university examination and shall be conducted by the university with an external or internal examiners.

13.6 A candidate who fails in any subject in the University examination shall be provided an opportunity to improve his/her essential marks by conducting an examination in theory and practical separately

13.7 If a failed candidate does not appear for such "Improvement Examinations" for internal marks in the failed subject(s), the internal marks already secured by him/her shall be carried over for his subsequent appearance(s).

13.8 **REVALUATION:** –After publication of results the candidate can apply for re-evaluation within one week to the university in a prescribed application form along with re-evaluation fees.

13.10 CARRY OVER OF FAILED SUBJECTS

Candidates are permitted to carry over the failed subject(s) to the next semester up to 6th semester.

14. REQUIREMENTS FOR COMPLETION OF A SEMESTER

14.1 A candidate who has fulfilled the following condition shall be deemed to have satisfied the requirements for completion of a semester:

14.2 A candidate shall be declared to have passed the examination if he/she obtains the minimum qualifying marks

14.3 He/She secure not less than 75% attendance in that semester taking into account the total number of periods offered during that semester. Condonation of attendance upto 10% is permitted on medical grounds. Relaxation in attendance is permitted up to 10% for students who present the University in sports, games, cultural, symposium and other similar activities. The above two relaxations either individually or jointly should not exceed 15%.

14.4 Candidate who is not permitted to appear for the University examinations due to lack of attendance requirements will have to do the semester when they are offered subsequently.

15. Evaluation Method

15.1 Examiners Eligibility: An internal examiner should have minimum 2 years of experiences after completion of Post-Graduation, and an external examiner should have minimum 4 years of experience after completion of Post – Graduation.

15.2. Theory Evaluation: Single valuation University exam answer book will undergo single evaluation.

15.3. Practical Evaluation: Two examiners (internal / external examiners)

16. Project Work / Internship Report / Field / Lab Work

16.1 Internship and capstone project shall be carried out during the IVth and VIth semester of the BSc. (Public Health) course respectively under the supervision of a faculty supervisor/guide from the school allotted by the Dean. In addition to this one supervisor/guide from the field organization would be identified as an external guide in consultation with the internal supervisor

16.2 The Internship shall be pursued for 6 months during the IVth semester and Capstone project shall be pursued for 3 months during the VIth semester. The topic and design of the Project Report / Internship Report would be developed with the help of internal and external guides.

16.3 One hard bound and soft copy of dissertation report would be submitted after duly signed by both the supervisor(s) to Dean, School of Public Health.

16.4 The evaluation of the project/Internship will be based on the report and a viva voce examination on the project.

16.5 Successfully completion of the Internship / Capstone project will determine the completion of the IVth and VIth semester. In the likelihood of the evaluation committee not being satisfied with the Project/ Internship work, an extension of 3 months will be mandated at the end of which the student will have to defend his/her work in front of the evaluation committee. Unsatisfactory performance once again will result in repeating the IV and VIth semester. Such recommendations will be communicated to the Controller of Examinations.

16.6 The deadline for submission of final project / Internship report would be communicated before leaving for the field work.

16.7 If a candidate fails to submit the project report / Internship report on or before the specified deadline, he /she is deemed to have failed in the project work / Internship and shall re-enrol for the same in a subsequent semester after obtaining permission from the Dean

17. Grading of Students

Letter Grades and Grade Points (GP) are earned by the student for each course based on the aggregate of marks obtained through internal assessments and end –semester final examination. The letter grades and the corresponding grade points, as recommended by UGC, are as follows.

Letter Grade	Grade Points	Range of Total Marks
O (Outstanding)	10	90 to 100
A+ (Excellent)	9	80 to 89
A (Very Good)	8	75 to 79
B+ (Good)	7	70 to 74
B (Above average)	6	65 to 69
C (Average)	5	60 to 64
P Pass	4	50 to 59
F (Fail)	0	<50 Failure due to insufficient marks in the course
Ab (Absent)	0	Failure due to non-appearance in examination

17.1 A student is considered to have successfully completed a course and earned the credits if he/she secured a letter grade other than 'F' or 'Ab' in that course. A letter grade 'F' or 'Ab' in any course implies a failure to have completed the course.

17.2 A course successfully completed cannot be repeated

18. Grade Card

18.1 The grade card issued by the Controller of Examinations to each student, after the announcement of the result will contain the following:

- a. The credits for each course registered for that semester.
- b. The letter grade obtained in each course
- c. The total number of credits earned by the student up to the end of the semester in each of the course categories
- d. The Semester Grade Point Average (SGPA) and the Cumulative Grade Point Average (CGPA) of all the courses taken from the first semester onwards.
- e. Computation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA).

18.2 SGPA will be calculated according to the formula:

$$SGPA = \frac{\sum_1^n C_i (GP)_i}{\sum_1^n C_i}$$

Where C_i = credit for the i^{th} course, $(GP)_i$ = the grade point obtained for the i^{th} course n = total number of courses and the sum is over all the course taken in that semester, including those in which the student has secured F grades.

CGPA (Cumulative Grade Point Average) is calculated using:

$$CGPA = \frac{\sum_1^r S_i (SGPA)_i}{\sum_1^r S_i}$$

Where S_i = sum of credit in i^{th} semester, $(SGPA)_i$ = semester Grade Point Average earned i^{th} semester and r = number of semesters and the sum is over all the semesters under consideration.

The SGPA and CGPA shall be rounded off 2 decimal points and reported in the transcripts.

18.3 Class/Distinction will be awarded to the students after they successfully complete the BSc. (Public Health) Programme as per the norms stipulated in the following table:

Category	CGPA (From I-VI Semesters)	Class/ Distinction
Students who successfully completed the BSc. (Public Health) programme within the time duration of 6 semesters	≥ 4.0 & < 5.5	Pass
	≥ 5.5 & < 6.0	Second Class
	≥ 6.0 & < 8.0	First Class
	≥ 8.0 (without F or temporary withdrawal in any semester)	First Class with Distinction.
	≤ 8.0 (without F in any semester but obtained pass grade (O to P) subsequently)	
Students who cannot complete the BSc. (Public Health) programme in 6 semesters but complete it successfully within the time duration of 7 semesters	≥ 4.0 & < 5.5	Pass
	≥ 5.5 & < 6.0	Second Class
	≥ 6.0	First Class
Students who cannot complete the BSc (Public Health) programme in semesters but complete it successfully within the maximum duration	≥ 4.0 & < 5.5	Pass
	≥ 5.5	Second Class

19. Change of Regulations

Any regulations can be modified by the Academic Council of SRM Institute of Science and Technology once every 3 years

20. Passing Minimum

To pass in any course it is mandatory that a student should get 50 % marks in the end semester examination and also 50% marks overall in the internal assessment and end semester marks put together.

Internal mark (100 % weightage)	University Exam (50 % Weightage)		Total	
	Min	Max	Min	Max
50	50	100	50	100

21. Project/Internship / Field visit Marks allocation

	Internship / Capstone project progress review (50% weightage)			Internship / Capstone project Evaluation (50% weightage)	
	Review – 1	Review – 2	Review – 3	Final Report	Viva-Voce
Capstone Project	5 %	20 %	25 %	20 %	30 %
Field Work/ Internship	5 %	20 %	25 %	20 %	30 %

22. End of Semester Exam Question Pattern

The questions paper will uniformly cover all units of the subject as per curriculum.

Max Marks – 100 Marks

Hours: 3 Hours

Part - A: (10 X 2 = 20 Marks)

All questions have to be answered. Two questions from each Unit.

Part-B: (6x5 =30 Marks)

Six questions to be answered out of 8 questions

Part – C : (5 x 10 = 50 Marks)

Five Questions are to be answered, two questions from each unit in the either or Pattern

23. Table 1: Curriculum with Subject Codes

Subject Code	Name of the Modules	L	T	P	C
Semester - I					
BPH21101T	Tamil-1	2	0	2	3
BPH21101H	Hindi -1				
BPH21101F	French-1				
BPH21102	English 1	4	0	0	4
BPH21103	Anatomy and physiology	2	1	0	3
BPH21104	Microbiology	1	1	0	2
BPH21105	Medical Entomology & Parasitology	3	1	0	4
BPH21106	Cleanliness, Sanitation & Hygiene	2	1	0	3
BPH21107	Nutrition and nutrition education	2	1	0	3
BPH21108	Practical 1–Life sciences	0	0	4	2
Total credits					24
Semester - II					
BPH21201T	Tamil -2	2	0	2	3
BPH21201F	French -2				
BPH21201H	Hindi -2				
BPH21202	Communication Skills *	0	0	4	2
BPH21203	Introduction to public health and wellbeing	3	1	0	4
BPH21204	Public health challenges and Acts*	2	1	0	3
BPH21205	Environment, Pollution and Waste Management	3	1	0	4
BPH21206	Behavioural Science	2	1	0	3
BPH21207	Reproductive health and population education	2	1	0	3
BPH21208	Practical 2– Sanitation, Environment, pollution and waste management	0	0	4	2
Total credits					24
Semester III					
BPH21301	Universal Human Values	2	0	0	2
BPH21302	Control of Communicable Diseases & Non-Communicable Diseases	3	1	0	4
BPH21303	Health education, Communication Skills & Counselling*	2	1	0	3
BPH21304	Demography, Health records & HMIS	3	1	0	4
BPH21305	Basic Medicine, Accidents and Treatment of Minor ailments*	3	1	0	4
BPH21306	First Aid, Emergency care and Rehabilitation	3	1	0	4
BPH21307	Practical III– Public Health Practical's	0	0	6	3
Total credits					24
Semester IV					
BPH21401	Soft Skills	1	0	2	2*
BPH21402	Field work/ Internship	4	12	16	24
Total Credits					
Semester V					
BPH21501	Fundamentals of epidemiology	3	1	0	4
BPH21502	Fundamentals of Research Methodology *	3	1	0	4
BPH21503	Fundamentals of Biostatistics	3	1	0	4
BPH21504	Child health#	3	1	0	4
BPH21505	Educational psychology and human development in the children with special needs#	3	1	0	4
BPH21506	Introduction to visual communication and Graphical Design#	3	1	0	4
BPH21507	Creative writing#	3	1	0	4
BPH21508	Practical IV –Biostatistics and Epidemiology	0	0	4	2
Total Credits					22
Optional – Child rights or Communication (2 courses) Either BPH21504 & BPH21505 OR BPH21506 & BPH21508					

Subject Code	Name of the Modules	L	T	P	C
Semester VI					
BPH21601	Guidance and counselling for children #	3	1	0	4
BPH21602	Child rights and welfare #	3	1	0	4
BPH21603	Mental health development perspective for child welfare#	3	1	0	4
BPH21604	Introduction to social networking #	4	0	0	4
BPH21605	Development communication #	3	1	0	4
BPH21606	Inter-cultural communication #	3	1	0	4
BPH21607	Data management tools and analysis **	0	0	2	2
BPH21608	Capstone Project	0	0	20	10
	Total Credits				22

Table 2: Marks Distribution

BSc. In Public Health– Courses						
Subject Code	Name of the Course	Internal mark	University Exam		Total	
			Min	Max	Min	Max
Semester – I						
BPH21101T	Tamil	50	25	50	50	100
BPH21101T	Hindi	50	25	50	50	100
BPH21101T	French	50	25	50	50	100
BPH21102	English 1	50	25	50	50	50
BPH21103	Anatomy and physiology	50	25	50	50	100
BPH21104	Microbiology	50	25	50	50	100
BPH21105	Medical Entomology& Parasitology	50	25	50	50	100
BPH21106	Cleanliness, Sanitation & Hygiene	50	25	50	50	100
BPH21107	Nutrition and nutrition education	50	25	50	50	100
BPH21108	Practical 1– Life science	50	25	50	50	100
Semester – II						
BPH21201T	Tamil -2	50	25	50	50	100
BPH21201F	French -2	50	25	50	50	100
BPH21201H	Hindi -2	50	25	50	50	100
BPH21202	Communication Skills *	100	0	0	50	100
BPH21203	Introduction to public health and wellbeing	50	25	50	50	100
BPH21204	Public health challenges and Acts*	100	0	0	50	100
BPH21205	Environment, Pollution and Waste Management	50	25	50	50	100
BPH21206	Behavioural Science	50	25	50	50	100
BPH21207	Reproductive health and population education	50	25	50	50	100
BPH21208	Practical II – Sanitation, Environment, pollution and waste management	50	25	50	50	100
Semester III						
BPH21301	Universal Human Values	100	0	0	50	100
BPH21302	Control of Communicable Diseases & Non-Communicable Diseases	50	25	50	50	100
BPH21303	Health education, Communication Skills & Counselling*	100	0	0	50	100
BPH21304	Demography, Health records & HMIS	50	25	50	50	100
BPH21305	Basic Medicine, Accidents and Treatment of Minor ailments*	100	0	0	50	100

BPH21306	First Aid, Emergency care and Rehabilitation	50	25	50	50	100
BPH21307	Practical III – Public Health Practical's	50	25	50	50	100
Semester IV						
BPH21401	Soft Skills **	100	0	0	50	100
BPH21402	Field work/ Internship	50	25	50	50	100
Semester V						
BPH21501	Fundamentals of epidemiology	50	25	50	50	100
BPH21502	Fundamentals of Research Methodology *	100	0	0	50	100
BPH21503	Fundamentals of Biostatistics	50	25	50	50	100
BPH21504	Child health#	50	25	50	50	100
BPH21505	Educational psychology and human development in the children with special needs#	50	25	50	50	100
BPH21506	Introduction to visual communication and Graphical Design#	50	25	50	50	100
BPH21507	Creative writing#	50	25	50	50	100
BPH21508	Practical IV –Biostatistics and Epidemiology	50	25	50	50	100
	Total Credits					
Semester VI						
BPH21601	Guidance and counselling for children #	50	25	50	50	100
BPH21602	Child rights and welfare #	50	25	50	50	100
BPH21603	Mental health development perspective for child welfare#	50	25	50	50	100
BPH21604	Introduction to social networking #	50	25	50	50	100
BPH21605	Development communication #	50	25	50	50	100
BPH21606	Inter-cultural communication #	50	25	50	50	100
BPH21607	Data management tools and analysis **	100	0	0	50	100
BPH21608	Capstone Project	50	25	50	50	100