



ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ, ಬೆಂಗಳೂರು  
Rajiv Gandhi University of Health Sciences, Karnataka, Bangalore

4th T Block, Jayanagar, Bangalore – 560 041

AUTH/AMEND/BPH/17/2015-16

12/08/2015

**NOTIFICATION**

- Sub: Amendment to ordinance pertaining to **Bachelors in Public Health (BPH)**
- Ref:1) Recommendations of Board of Studies in Allied Health Sciences, through its meeting dated 06.05.2015.
- 2) Approval of Academic Council through its meeting dated 28.05.2015
- 3) Approval of Syndicate in its 113<sup>th</sup> Meeting held on 26.06.2015
- 4) University Notification no. AUTH/BPH/070/2013-14 dated 06/03/2014
- 5) University Notification no. AUTH/100SYN/BPH/253/2012-13 dated 29/09/2012

In exercise of the powers conferred by Section 35(2) of RGUHS Act 1994, the Syndicate in its 113<sup>th</sup> meeting held on 26/06/2015, is pleased to notify the amendment to ordinance pertaining to **Bachelors in Public Health (BPH)** as shown in Annexure appended herewith.

The Ordinance shall come into force from the academic year 2015-16.

By Order,

  
(Dr.S.Sacchidanand)  
REGISTRAR

To:

The Principals of colleges affiliated to RGUHS conducting **Bachelors in Public Health (BPH)** course.

Copy to:

1. The Principal Secretary to Governor, Governor's Secretariat, Raj Bhavan, Bangalore – 560 001.
2. Principal Secretary to Government, Health & Family Welfare Department, (Medical Education), Vikasa Soudha, Bangalore –560 001.
3. The Director, Department of Medical Education, Anand Rao Circle, Bangalore – 560 009.
4. PA to Vice-Chancellor / Registrar / Registrar (Eva.) / Finance Officer.
5. Director, Curriculum Development Cell.
6. The System Analyst, RGUHS to host it on RGUHS Website.
7. Guard File / Office Copy.

### **Amendments to Bachelors in Public Health curriculum**

<b>Existing</b>	<b>Amendment</b>
<p>Candidates for admission to BPH course should have completed higher secondary level or pre-university college (10 +2) in science stream with Physics, Chemistry and Biology as basic courses or candidates completing a 3 year Diploma in Allied Health Sciences after 10<sup>th</sup> or candidates completing 2 years Diploma in Allied Health Sciences after pre-university college (10+2)  or Equivalent course established under law Considered equivalent thereto by RGUHS.</p> <p>The minimum 40% marks obtained. In case of SC/ST candidates a pass in 10+2 or equivalent.</p>	<p>Candidates for admission to BPH course should have completed higher secondary level or pre-university college (10 +2) in any stream  ( note: candidates from other than science stream will undergo a bridge course of 2 months in college, where there will be no exams for this) or candidates completing a 3 year Diploma in Allied Health Sciences after 10<sup>th</sup> or candidates completing 2 years Diploma in Allied Health Sciences after pre-university college (10+2) or equivalent course established under law Considered equivalent thereto by RGUHS.</p> <p>The minimum 40% marks obtained. In case of SC/ST candidates a pass in 10+2 or equivalent.</p>
	<p>Lateral entry: Candidates who have completed 3 years Diploma in any health sciences, or diploma in public health/community medicine can join 3<sup>rd</sup> semester directly provided they have undergone training in minimum of three topics mentioned in semester 1 and 2 of BPH curriculum of RGUHS or any equivalent topics related to public health.</p> <p>Candidates eligible for lateral entry should undergo an entrance test (mcq) conducted by the affiliated colleges.</p> <p>For passing the test, the candidate has to obtain minimum of 50% marks.</p> <p>Any candidate who does not obtain 50% marks can reappear after 3 months once again for the entrance test.</p>

**Declaration of pass**

For I to VII semester a candidate shall secure a minimum of 50% marks in each paper in university examination to be declared as pass. In case of VIII semester a candidate shall secure a minimum of 50% marks in each paper and 50% of marks in viva voce to be declared as pass. A candidate securing less than 50% of marks as described above shall be declared to have failed in the examination. Failed candidate may appear in subsequent examination after paying fresh fee to the university.

Class/ Rank shall be declared for the examinations on the basis of aggregate marks secured by a candidate at each of these examinations.

- A successful candidate obtaining 60% and more and less than 75% of the marks of the grand total aggregate in the first attempt shall be declared to have passed these subjects in first class.
- A successful candidate obtaining 50% and more and less than 60% of the marks of the grand total aggregate in the first attempt shall be declared to have passed these subjects in Second class.
- A candidate who passes an examination in more than one attempt shall be placed in Pass Class irrespective of the percentage of marks secured.

**Declaration of pass**

For I to VII semester a candidate shall secure a minimum of 50% marks in university examination and internal assessment added together to be declared as pass. In case of VIII semester a candidate shall secure a minimum of 50% marks in each paper and 50% of marks in viva voce to be declared as pass. A candidate securing less than 50% of marks as described above shall be declared to have failed in the examination. Failed candidate may appear in subsequent examination after paying fresh fee to the university.

Class/ Rank shall be declared for the examinations on the basis of aggregate marks secured by a candidate at each of these examinations.

- A successful candidate obtaining 60% and more and less than 75% of the marks of the grand total aggregate in the first attempt shall be declared to have passed these subjects in first class.
- A successful candidate obtaining 50% and more and less than 60% of the marks of the grand total aggregate in the first attempt shall be declared to have passed these subjects in Second class.
- A candidate who passes an examination in more than one attempt shall be placed in Pass Class irrespective of the percentage of marks secured.

**Carry over**

A candidate who has appeared in all subjects of a semester in the university examination is eligible to go to the next semester provided he/she has passed in 3 subjects in the current semester. However a candidate has to clear all subjects in order to appear for the final semester

**Carry over**

A candidate who has appeared in all subjects of a semester in the university examination is eligible to go to the next semester provided he/she has passed in minimum two subjects in the current semester.

Candidates can carryover only two

<p>exam and has to clear all subject in final semester to be eligible to receive the degree</p>	<p>subjects from any of the semester at a time. It is to be noted that, in the event of candidates completing the final semester successfully but has backlog of previous semesters in such cases the marks card for the final semester will not be issued till such time the candidates clears all the backlog subjects successfully</p> <p>However a candidate has to clear all subjects to be eligible to receive the degree</p>
<p><b>Number of attempts</b> A candidate is permitted not more than three attempts (actual appearance) to pass the examination or within two academic years from the year of admission whichever is earlier. A candidate will not be allowed to continue the course if he/she fails to comply with the above stipulation.</p>	<p><b>Number of attempts</b> A candidate is permitted not more than four attempts (actual appearance) to pass each examination.</p> <p>A candidate will not be allowed to continue the course if he/she fails to comply with the above stipulation.</p> <p>However the candidate can take readmission as a fresh candidate.</p>
<p><b>Maximum duration for completion of course:</b> A candidate shall complete the course within eight years from date of admission failing which the candidate will be discharged.</p>	<p><b>Maximum duration for completion of course:</b> A candidate shall complete the course within ten years from date of admission failing which the candidate will be discharged.</p>

**Teaching Faculty**

Qualification and Experience required for appointment as teachers on full time basis for BPH course

**Principal:** MD in Community Medicine with minimum 3 years work/teaching experience

Or

MPH graduate from a recognized University with minimum 5 years work/teaching experience in relevant field

**Associate or Assistant Professor :**

MPH graduate from a recognized University with minimum 4 years work/teaching experience in relevant field

**Lecturer:** MPH graduate from a recognized University

**Teaching Faculty**

Qualification and Experience required for appointment as teachers on full time basis for BPH course

**Principal:** MPH/MD community medicine with a minimum of 7 years of work or teaching experience.

Or

PhD in relevant subject with 5 years of work or teaching experience.

**(Note: An professor is eligible to become a principal)**

**Professor:** MPH/MD community medicine with minimum of 7 years of work or teaching experience.

**Or**

PhD in relevant subject with 5 years of work or teaching experience.

**Associate professor:** MPH/MD community medicine with minimum of 4 years of work or teaching experience.

**Or**

PhD in relevant subject.

**Assistant Professor:** MPH/MD community medicine with minimum of 2 years of work experience among which at least one year should be of teaching experience.

**Lecturer:** MPH/MD community medicine

**Tutors:** Any candidates with a recognized medical degree such as MBBS/BHMS/BAMS/BDS/BNYS/BUM S/BPH or any other equivalent course established under law considered equivalent thereto by RGUHS

Note: For specialized subjects faculty

	with minimum of Bachelors degree in area of specialization can teach the subjects such as biostatistics, epidemiology, public health nutrition, health informatics, demography etc.
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<p><b>Teaching Faculty</b></p> <p>For intake of 10 students Principal -1 Associate or Assistant professor -1</p> <p><b>For an intake of 10 - 30 students:</b></p> <p>Principal-1 Associate or Assistant professor 1 Lecturer 2</p>	<p><b>Teaching Faculty</b></p> <p>For intake of 10 students</p> <p>Minimum of Two full time faculty are required, among whom one should be the principal</p> <p>The second faculty should be at least at the level of assistant professor.</p> <p>For intake of 10 to 40 students</p> <p>Minimum of Four full time faculty are required, among whom one should be the principal</p> <p>The second faculty should be at least at the level of assistant professor.</p> <p>The third and fourth should be at least at the level of lecturer.</p> <p>For intake of 40 to 100 students</p> <p>Minimum of 8 full time faculty are required, among whom one should be the principal</p> <p>The second faculty should be at least at the level of assistant professor.</p> <p>The rest should be at least at the level of lecturer.</p>
	<p>BPH course shall be offered only by a separate public health college that has been registered and recognized by Government of Karnataka, not by any department of other colleges.</p> <p>There shall be a separate principal and teaching staff for the said college.</p>

<b>University examination</b>	<b>University examination</b>
<p>iii. Qualification and teaching experience required for appointment as an examiner for viva shall be the same as that of Professor or Associate Professor.</p>	<p>iii. Qualification and teaching experience required for appointment as an examiner for viva shall be the same as that of associate professor or professor.</p> <p>iv. Qualification and teaching experience required for appointment as an examiner for theory shall be same as that of assistant professor or above.</p>

## **Choice Based Credit System (CBCS) and Grade Point Average (GPA)**

This BPH curriculum is competency based and follows CBCS and GPA for assessing and grading candidates. The CBCS provides flexibility and cafeteria type approach in which the students can select course of their choice from the prescribed courses. The total minimum credit points for BPH program shall be not less than 60 credits.

**Credit:** A unit by which the course work is measured.

**Credit Hours:** Credit hours or unit represent a mathematical summarization of all work completed, and are not the same as the actual classroom contact or instructional hours. One credit is equivalent to 15 hours of study. It could be 3 hours of per week of scheduled class/seminar time and 4 hours of student preparation time. Most of the courses are awarded 4 credit hours. Over an entire semester, it's nearly 60 hours of class time and 120 hours of student preparation.

### **Cumulative Grade Point Average (CGPA)**

It's a measure of overall cumulative performance of a student in various courses in all semesters and the sum of the total credits of all courses in all semesters. It is expressed and rounded up to two decimal places.



**Semester Grade Point Average (SGPA):** It is a measure of performance of work done in a semester. It is ratio of total credit points secured by the student in various courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal places.

### Letter Grades and Grade Points

**Grade Point:** It is a numerical weight allotted to each letter grade on a 4-point scale.

**Letter Grade:** It is an index of the performance of students in a said course. Grades are denoted by letters A, B, C, D, and F.

Percentage	Letter Grade	Grade Point
85% to 100%	A (Excellent)	4
70% to 84%	B (Very Good)	3
56% to 69%	C (Average)	2
50% to 55%	D (Pass)	1
Less than 50%	F (Fail)	0

For non credit courses 'Satisfactory' or 'Unsatisfactory' shall be indicated instead of the letter grade and this will not be counted for computation of SGPA/CGPA.

### Academic Assessment

The assessment would be a continuous process throughout the semester; students must pass in all the assessment process. Equal importance shall be given to all the activities and assignments given in the institution. The academic assessment of student's performance comprises of three components .Weight and percentage allotted for components for each subject is listed below.

Component	Percentage allotted
Assignment/Projects	15%
Internal Assessment	25%
Final Semester Exams	60%
Total percentage for each subject	100%

### Computation of SGPA and CGPA

The SGPA is the ratio of sum of product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all courses undergone by a student, i.e.

$$\text{SGPA} = \frac{\sum(C_i \times G_i)}{\sum C_i}$$

Where  $C_i$  is the number of credits of the  $i$ th course and  $G_i$  is the grade point scored by the student in the  $i$ th course.

The CGPA is also calculated in the same manner taking into account all the courses undergone by a student overall the semesters of the program, i.e.

$$\text{CGPA} = \frac{\sum(C_i \times S_i)}{\sum C_i}$$

Where  $S_i$  is the SGPA of the  $i$ th semester and  $C_i$  is total number of credits in that semester.

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

Illustration of Computation of SGPA and CGPA

Example: Student "XYX". Semester 1

Subject	Assignment	Internal Assessment	Final Semester Exam	Total Marks
Subject 1	14	23	55	92
Subject 2	10	20	45	75
Subject 3	13	20	35	68
Subject 4	09	18	30	57
Subject 5	08	15	35	58

Illustration for SGPA

Subject	Credit	Grade	Grade Point	Credit Point (Credit x Grade)
Subject 1	4	A	4	16
Subject 2	4	B	3	12
Subject 3	4	C	2	8
Subject 4	4	D	1	4
Subject 5	4	D	1	4
Total	20			44

Thus,  $SGPA = 44/20 = 2.2$

Illustration for CGPA

Semester 1	Semester 2	Semester 3	Semester 4
Credit: 20	Credit: 20	Credit: 20	NA
SGPA: 2.2	SGPA: 3	SGPA :4	NA

Thus,  $CGPA = (20 \times 2.2 + 20 \times 3 + 20 \times 4) / (20 + 20 + 20) = 3.0$

Therefore as per calculation Student "XYX" CGPA is 3.0