

**Procedure for carrying out the current and intermediate certification in the discipline « Organization of scientific research» for students entering 2023&2024 of the educational program of the specialist degree in the specialty 31.05.03 DENTISTRY, direction (profile) DENTISTRY, form of study full-time for the 2024-2025 academic year**

The current attestation in the discipline “Public health and healthcare, health economics is carried out for 2nd year students of the Dental Faculty of during 4th semester. Intermediate certification is carried out in the 4th semester in the form of an credit.

The assessment of the level of preparation of students during the certification in the discipline is carried out on the basis of determining the student's rating according to the system of bonuses and penalties, based on the calculation of the current rating by the average score.

Methodology for calculating the final rating of mastering the discipline ( $R_d$ )

The final rating of mastering the discipline ( $R_d$ ) is calculated by the teacher of a group of students at the end of the examination session.

Discipline ranking (final,  $R_d$ ) is calculated using the following formula:

$$R_d = (R_{pr} + R_{ic}) / 2,$$

$R_d$  – discipline ranking;

$R_{ic}$  – intermediate certification ranking (credit);

$R_{pr}$  – preliminary ranking - individual assessment of the acquired knowledge in the educational discipline (in points for one semester of study).

1. The preliminary ranking for the discipline in the semester ( $R_{pr}$ ) is calculated using the following formula:

$$R_{pr} = R_{cur} + R_b - R_f,$$

$R_{cur}$  – current rating for the semester;

$R_b$  – bonus rating;

$R_f$  – rating of forfeit.

The maximum number of points that a student in the discipline can receive in the semester is 100. The minimum number of points at which the discipline should be counted is 61.

2. Methodology for calculating the average score of current academic performance in the semester ( $R_{cur}$ )

The knowledge and work of the student in seminar-type classes held during the semester, as well as the fulfillment of tasks for independent work, are evaluated by the teacher on a 5-point scale.

Independent work of students includes independent study of individual topics provided for by the work program. Each topic of independent work is evaluated from 0 to 5 points, work rated below 3 points is not counted and requires revision by the student (Table 1).

Table 1. Calculation of points for independent work of students

<b>Evaluation criteria</b>	<b>Rating score</b>
The work is not commissioned, not fully commissioned, the work does not correspond to the topic of independent work.	0-2
The work was completed in full, but it made more than 2 gross thematic errors or missed more than the 1st key issue of the topic of independent work.	3
The work was completed in full, but it made 1- 2 gross thematic errors or missed 1 key issue of the topic of independent work.	4
The work was completed in full, there are no gross thematic errors in it, the key issues of the topic of independent work are not missed.	5

Each task of seminar-type classes, with the exception of tasks of boundary control of knowledge, is evaluated with a score from 0 to 5 in accordance with Table 1. An assignment not completed before the time set by the teacher is evaluated with a score of "0". In order to increase the grade, it is allowed to repeat the task by the student in the period up to the date of completion of training in the corresponding semester, indicated in the semester schedule. Tasks for the classes of boundary control of knowledge are mandatory for students to complete. A boundary control task rated below 3 points is not counted and must be repeated until a score of 3 or higher is obtained.

At the end of each semester, the average score is calculated on a 5-point scale, which is translated into the current performance rating ( $R_{cur}$ ) on a 100-point system (Table 2).

Table 2. Translation of the average score of the student's current academic performance into a rating score according to the 100-point system

Average score on a 5-point system	Score on 100-point system	Average score on a 5-point system системы	Score on 100-point system	Average score on a 5-point system	100-point system score
5.0	100	4.0	76-78	2.9	57-60
4.9	98-99	3.9	75	2.8	53-56
4.8	96-97	3.8	74	2.7	49-52
4.7	94-95	3.7	73	2.6	45-48
4.6	92-93	3.6	72	2.5	41-44
4.5	91	3.5	71	2.4	36-40
4.4	88-90	3.4	69-70	2.3	31-35
4.3	85-87	3.3	67-68	2.2	21-30
4.2	82-84	3.2	65-66	2.1	11-20
4.1	79-81	3.1	63- 64	2.0	0-10
		3.0	61-62		

### 3. Intermediate Certification Score Calculation Methodology (Credit) ( $R_{ic}$ )

Intermediate certification in the discipline is carried out in the form of credit.

The intermediate certification in the discipline is carried out in the form of a test. The test takes place in the form of testing, which includes questions on all the studied sections of the program. The test contains 50 tasks. For each correct answer, the student receives 0.1 points.

Rating scale:

- Less than 60% (up to 2.9 points) – "Unsatisfactory"
- from 60% to 80% (3.0 - 4.0 points) – "Satisfactory"
- from 81% to 90% (4.0 - 4.5 points) – "Good"
- from 91% to 100% (4.6-5.0 points) – "Excellent"

### 4. Bonus and Forfeit

This rating model provides for bonuses that increase the rating score and forfeit that reduce the rating according to the table below (Table 3).

Table 3. Discipline Bonuses and Forfeit

Accrual type	Name	Points
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<b>Bonuses (<math>R_b</math>)</b>		
Organizational	Additional organizational work and assistance to the teacher in conducting classes using distance learning technologies	up to + 2.0
Scientific work	Participation in the performance of scientific work in the youth scientific society of the department	up to + 3.0
<b>Forfeit (<math>R_f</math>)</b>		
Disciplinary	A pass without a valid reason for a lecture or practical class	- 4.0
Disciplinary	Non-fulfillment of tasks for a lecture, practical lesson or independent work	- 2.0
Damage to property	Damage to equipment and property	- 2.0

The final grade that the teacher puts in the test book is the rating by discipline final ( $R_d$ ), translated into a 5-point system (Table 4).

Table 4. Final Discipline

Grade 100-point system grade	Rating according to the system "counted - not counted"	Grade on a 5-point system		ECTS Grade
		Grade	Description	
96-100	done	5	excellent	A
91-95	done			B
81-90	done	4	well	C
76-80	done			D
61-75	done	3	satisfactory	E
41-60	not done	2	unsatisfactory	Fx
0-40	not done			F

Discussed at the meeting of the Department of Public Health and Healthcare, protocol №8, January 30, 2025.

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