**Kharkiv national medical university**

**III medical faculty**

**Department of dermatology, venereology and medical cosmetology**

**Educational program for training specialists of the second (master's)**

**level of higher education training 22 "health"**

**Specialty (specialization) "medicine"**

**In specialty 228 "pediatrics"**

SILLABUS

ELECTIVE COURCE

«MEDICAL COSMETOLOGY»

## 

|  |  |  |
| --- | --- | --- |
| The program was approved at a meeting of the Department of Dermatology, Venereology and Medical Cosmetology  Protocol  “\_\_27\_\_”\_\_\_\_\_08\_\_\_\_\_\_\_\_\_2020 year №10  Head of the department professor Bilovol A.М. (sign up) (Full name)  “\_\_\_\_\_”\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 20\_\_\_ year |  | Approved by the methodical commission of KhNMU on the problems of professional training of pediatric profile  Protocol  “\_\_\_\_”\_\_\_\_\_\_\_\_\_\_\_\_\_ \_year № \_\_  Head  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_professor Gonchar M.O. (sign up) (Full name)  “\_\_\_\_\_”\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_20\_\_\_\_ year |

**name of the discipline «COSMETOLOGY»**

# **Teacher(s) information**

|  |  |
| --- | --- |
| Compiler / developer of syllabus | Berehova А.А.  Havryliuk О.А. |
| Teacher(s) | Bilovol А.М.  Tkachenko S.H.  Berehova А.А.  Havryliuk О.А.  Mangusheva V.Y. |
| Teacher(s) information | Bilovol А.М. (Head of the Department, dermatologists, MD)  Tkachenko S.H. (Associate Professor, dermatologists, PhD)  Berehova А.А. (Associate Professor, dermatologists, PhD)  Havryliuk О.А. (Assistant Professor, dermatologists, PhD)  Mangusheva V.Y. (Assistant Professor, dermatologists, PhD,) |
| Tel. | 0956926693, 0671223703, 0507047661, 0979782452, 0509244065 |
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| Consultation | 9.00 -15.00 |

**Discipline information**

|  |  |  |  |
| --- | --- | --- | --- |
| Name of indicators | Field of knowledge, direction of training, educational and qualification level | Characteristic of the educational discipline | |
| **full-time education** | **full-time education** |
| Number of credits 3 | branch 22 2  « Medicine»  (code and name of the area of knowledge) | Elective | |
| Total number of hours – 90 | \_\_\_ 7.12010001 "Medical business" | **Year of preparation:** | |
| 4th |  |
| **Semester** | |
| 7th | 8th |
| **Lectures** | |
| Hours for day (or evening) form of study:  classrooms - 20  independent student work - 70 | Education level:  second  (master's) level | 20 h. | h. |
| **Practical, seminar** | |
| 70 h. | h. |
| **Laboratory** | |
| h. | h. |
| **Independent work** | |
| 70 h. | h. |
| **Individual tasks:** h. | |
| Type of control: test | |

**Description of the discipline**

The course "Medical Cosmetology" is devoted to the study of diagnostic methods, individual approach to treatment and rehabilitation of patients with congenital and acquired diseases of the skin and its appendages, which form cosmetic defects, their prevention using the achievements of modern cosmetology.

The obtained theoretical knowledge and practical skills will help the future specialist to rationally and correctly analyze the age of the skin and determine methods of correction of these changes, analyze the pathological condition of hair and determine methods of correction, determine indications for cosmetic surgery, identify skin pathologies that require injectable aesthetic correction methods.

**The educational process is organized according to the European credit transfer system.**

*Prerequisites.* The study of the discipline involves the prior mastering of disciplines in medical biology, normal and pathological anatomy, normal and pathological physiology, biochemistry, microbiology, medical genetics, pharmacology and prescription, epidemiology and principles of evidence-based medicine, emergency and urgent medical care, and care for patients of therapeutic profile, and their management in outpatient and inpatient settings.

*Postrequisites*. The main provisions of the discipline should be applied in the study of related disciplines during 4 years of study, preparation for study in higher education institutions in the programs of the third educational and scientific level of higher education.

The purpose of studying the elective course "Medical Cosmetology" - the ultimate goals are set on the basis of OPP training of a doctor in the specialty in accordance with the block of its sections and is the basis for building the content of the elective course. The description of goals is formulated through skills in the form of target tasks (actions). On the basis of the ultimate goals, specific goals are formulated in the form of certain skills (actions), target tasks that ensure the achievement of the ultimate goal of studying the elective course.

Competences and learning outcomes, the formation of which is facilitated by the discipline (relationship with the normative content of training of higher education, formulated in terms of learning outcomes in the Standard).

According to the requirements of the standard, the discipline provides acquisition by students

competencies:

*Integral:* The ability to solve typical and complex specialized problems and practical problems in a professional activity in the field of health care, or in the learning process, which involves research and / or innovation and is characterized by complexity and uncertainty of conditions and requirements.

**-general:**

1. Ability to apply knowledge in practical situations

2. Knowledge and understanding of the subject area and understanding of the profession

3. Ability to self-regulate and lead a healthy lifestyle, the ability to adapt and act in a new situation

4. Ability to choose a communication strategy; ability to work in a team; interpersonal skills

5. Ability to communicate in the native language both orally and in writing; ability to communicate in a second language

6. Skills in the use of information and communication technologies

7. Ability to abstract thinking, analysis and synthesis, the ability to learn and be modernly trained

8. Ability to apply knowledge in practical situations

9. Ability to assess and ensure the quality of work performed;

10. Definiteness and perseverance in terms of tasks and responsibilities

11. Ability to act socially responsible and socially conscious

12. The desire to preserve the environment

**- special (professional, subject):**

1. Ability to establish a preliminary clinical diagnosis of the disease

2. Skills of gathering information about the patient

3. Ability to evaluate the results of laboratory and instrumental research

4. Ability to determine the principles and nature of treatment of diseases

5. Ability to diagnose emergencies

6. Ability to carry out medical and evacuation measures

7. Ability to determine the tactics of emergency medical care

8. Emergency care skills

9. Skills to perform medical manipulations

10. Ability to determine the required mode of work and rest in the treatment of diseases

11. Ability to determine therapeutic nutrition in the treatment of diseases

12. Ability to carry out sanitary and hygienic and preventive measures

13. Ability to plan preventive and anti-epidemic measures for infectious diseases

14. Ability to carry out preventive and anti-epidemic measures against infectious diseases

15. Ability to determine the tactics of contingent of persons subject to dispensary supervision

16. Ability to conduct a medical examination

17. Ability to keep medical records

18. Ability to process state, social, economic and medical information

19. Ability to take measures to organize and integrate medical care

20. Ability to conduct epidemiological and medical-statistical studies of public health

21. Ability to assess the impact of the environment on the health of the population (individual, family, population)

22. Ability to assess the impact of socio-economic and biological determinants on the health of the individual, family, population

23. Ability to analyze the activities of a doctor, department, health care institution

24. Ability to take measures to ensure the quality and safety of health care

25. Ability to take measures to improve resource efficiency

27. Ability to conduct marketing of medical services

**Discipline status: selective**; The format of the discipline is mixed - a discipline that is accompanied by the Moodle system, teaching the discipline, combines traditional forms of classroom learning with elements of distance learning, which uses available interactive information technology (ZOOM, Moodle), face-to-face and distance counseling.

**Teaching methods.**

Classes (clinical cases of patients with congenital and acquired diseases of the skin and its appendages that form cosmetic defects), phantom, electronic information (presentations, videos, guidelines, lectures), control (tests, situational tasks) are used for classes. , assessment of practical skills, defense of a clinical case)

**Learning outcomes.**

According to the training program in the discipline "Medical Cosmetology" the graduate will acquire theoretical knowledge, methodological training, practical skills and can identify groups of skin diseases to be treated by a beautician, analyze the age of the skin and determine methods of correction of these changes, analyze pathological condition of hair and determine the methods of their correction, determine the indications for cosmetic surgery, identify skin pathologies that require injectable aesthetic methods of correction.

**The content of the discipline**

**Topics of practical classes**

|  |  |  |
| --- | --- | --- |
| № | Topic | Quantity  hours |
| 1 | Introduction to medical cosmetology. Skin as an object of cosmetic influence. Modern methods of treatment in medical cosmetology. Cosmetics, manual and hardware methods. Modern methods of treatment in medical cosmetology. Injection methods, dermatosurgical and surgical methods. | 5 |
| 2 | Aging skin. Dyschromia. Sensitive skin. Dry skin. Erythrocuperosis. Scars. Stretch marks. Cellulite. | 5 |
| 3 | Pathology of sebaceous glands. Seborrhea. Pink acne. Perioral dermatitis. Acne: etiopathogenesis, classification, clinic, differential diagnosis, correction in a cosmetic facility. Postakne. | 5 |
| 4 | Hair pathology. Pathology associated with excessive hair loss. Pathology associated with excessive hair growth. Hair dystrophy. Hyperkeratosis of the scalp. Complications in cosmetology and their prevention. | 5 |
|  | Total hours of practical training | 20 |

**Independent work**

|  |  |  |
| --- | --- | --- |
| № | Topic | Quantity  hours |
| 1 | Introduction to medical cosmetology. Skin as an object of cosmetic influence. Modern methods of treatment in medical cosmetology. Cosmetics, manual and hardware methods. Modern methods of treatment in medical cosmetology. Injection methods, dermatosurgical and surgical methods. | 17 |
| 2 | Aging skin. Dyschromia. Sensitive skin. Dry skin. Erythrocuperosis. Scars. Stretch marks. Cellulite. | 26 |
| 3 | Pathology of sebaceous glands. Seborrhea. Pink acne. Perioral dermatitis. Acne: etiopathogenesis, classification, clinic, differential diagnosis, correction in a cosmetic facility. Postakne. | 10 |
| 4 | Hair pathology. Pathology associated with excessive hair loss. Pathology associated with excessive hair growth. Hair dystrophy. Hyperkeratosis of the scalp. Complications in cosmetology and their prevention. | 17 |
|  | Total hours of practical training | 70 |

**The program of the discipline**

The program of the elective course "Cosmetology" contains 4 sections of the discipline:

***Section of the discipline 1. Introduction to medical cosmetology. Skin as an object of cosmetic influence. Modern methods of treatment in medical cosmetology. Cosmetics, manual and hardware methods.***

Specific goals

- Interpret the subject and tasks of cosmetology.

- Distinguish objects and methods of cosmetology.

- Explain the structure, functions of the skin and its derivatives.

- Carry out cosmetic diagnostics of the skin and its derivatives

- Differentiate skin types

- Differentiate cosmetic care for different skin types.

- Know modern methods of treatment in medical cosmetology.

- Identify cosmetic defects of the skin that need treatment in a cosmetic facility.

**Topic № 1. Introduction to medical cosmetology.**

The purpose and objectives of medical cosmetology. Objects and methods of medical cosmetology. History of cosmetology development. Modern classification of cosmetology. The main institutions of cosmetology, their characteristics, the amount of care. Features of interaction between the cosmetologist and the patient. Legislation governing the activities of cosmetic structures. Prospects for the development of medical cosmetology.

**Topic № 2. Skin as an object of cosmetic influence.**

Anatomy and physiology of skin and its derivatives. Skin as an object of cosmetic influence. Means for diagnosing the condition of the skin and its derivatives. Skin types.

**Topic № 3. Modern methods of treatment in medical cosmetology.** Cosmetics, manual and hardware methods.

Therapeutic cosmetics in clinical practice: forms, BARs, range. Manual means of treatment in medical cosmetology. Peels. Algotherapy, clay therapy, peloidotherapy, thalassotherapy. Epilation and depilation. Hydrotherapy, SPA therapy. Hardware methods of treatment in medical cosmetology. Phototherapy. Cryotherapy, heat treatment, ozone therapy in medical cosmetology.

**Topic № 4. Modern methods of treatment in medical cosmetology. Injection methods, dermatosurgical and surgical methods.**

Injectable methods of treatment in medical cosmetology: mesotherapy, botulinum toxin administration, contouring. Dermatosurgical methods in medical cosmetology: electrocoagulation, cryodestruction, photocoagulation, laser polishing, reinforcement. Surgical methods in medical cosmetology: blepharoplasty, rhinoplasty, otoplasty, circular facelift, liposuction, mammoplasty, abdominoplasty.

***Discipline section 2. Skin aging. Dyschromia. Sensitive skin. Dry skin. Erythrocuperosis. Scars. Stretch marks. Cellulite.***

Specific goals

- Be able to characterize the most common cosmetic skin pathology: skin aging, dyschromia.

- Be able to differentiate cosmetic skin pathology.

- Be able to provide advice on prevention and cosmetic treatment of the most common cosmetic skin pathology.

- Be able to characterize the most common cosmetic skin pathology: sensitive skin, dry skin, erythrocuperosis, scars.

- Be able to differentiate cosmetic skin pathology.

- Be able to provide advice on prevention and cosmetic treatment of the most common cosmetic skin pathology.

- Identify and characterize cellulite, its stages for the purpose of rational correction in a cosmetic institution.

- Be able to differentiate cellulite and obesity.

- Be able to provide counseling on the prevention and cosmetic treatment of cellulite.

**Topic № 5. Skin aging.**

Skin aging: etiopathogenesis, basic theories of aging, classification, clinic, types of aging of facial skin, types of wrinkles. The concept of chronobiological aging, photoaging, hormonal aging. Differential diagnosis of skin aging. Cosmetic treatments for aging.

Topic № 6. Dyschromia.

Skin dyschromias: etiopathogenesis, classification, clinic of hypermelanoses and hypomelanoses. Differential diagnosis of dyschromias. Cosmetic treatments for dyschromia.

**Topic № 7. Sensitive skin. Dry skin. Erythrocuperosis.**

Sensitive skin: etiopathogenesis, classification, clinic, differential diagnosis, treatment in a cosmetic institution. Dry skin: etiopathogenesis, classification, clinic, differential diagnosis, treatment in a cosmetic institution. Erythrocuperosis: etiopathogenesis, classification, clinic, differential diagnosis, treatment in a cosmetic institution.

**Topic 8. Scars. Stretch marks. Cellulite.**

The concept of cosmetic and surgical scars. Scars: etiopathogenesis, classification, clinic, differential diagnosis, correction in a cosmetic institution. Stretch marks: etiopathogenesis, classification, clinic, differential diagnosis, treatment in a cosmetic institution.

Cellulite: etiopathogenesis, classification, clinic, differential diagnosis of cellulite and obesity, treatment in a cosmetic facility.

***Section discipline 5. Pathology of sebaceous glands. Seborrhea. Pink acne. Perioral dermatitis. Acne: etiopathogenesis, classification, clinic, differential diagnosis, correction in a cosmetic facility. Postakne****.*

Specific goals:

- Identify cosmetic defects of skin derivatives that require treatment in a cosmetic facility.

- Be able to characterize the most common cosmetic pathology of skin derivatives: pathology of the sebaceous glands.

- Be able to differentiate cosmetic pathology of skin derivatives.

- Be able to provide counseling on means of prevention and cosmetic treatment of the most common cosmetic pathology of skin derivatives.

**Topic № 9. Pathology of the sebaceous glands. Seborrhea. Pink acne. Perioral dermatitis.**

Seborrhea: etiopathogenesis, classification, clinic, differential diagnosis, correction in a cosmetic institution. Pink acne: etiopathogenesis, classification, clinic, differential diagnosis, correction in a cosmetic institution. Perioral dermatitis: etiopathogenesis, classification, clinic, differential diagnosis, treatment in a cosmetic institution.

**Topic № 10. Acne.**

Acne: etiopathogenesis, classification, clinic, differential diagnosis, treatment in a cosmetic institution. Postakne.

***Discipline section 4. Hair pathology. Pathology associated with excessive hair loss. Pathology associated with excessive hair growth. Hair dystrophy. Hyperkeratosis of the scalp. Complications in cosmetology and their prevention.***

***Specific goals:***

- Be able to characterize the most common cosmetic pathology of skin derivatives: hair pathology.

- Be able to differentiate cosmetic pathology of skin derivatives.

- Be able to provide counseling on the prevention and cosmetic treatment of the most common cosmetic pathology of skin derivatives.

- Know the possible complications in cosmetic practice and means of their prevention.

- Be able to use preventive measures in medical cosmetology in order to prevent complications.

**Topic № 11. Hair pathology. Pathology associated with excessive hair loss. Alopecia: etiopathogenesis, classification, clinic, treatment in a cosmetic facility. The concept of focal alopecia, diffuse alopecia, androgenetic alopecia. Differential diagnosis of alopecia.**

**Topic №12. Pathology associated with excessive hair growth. Hair dystrophy. Hyperkeratosis of the scalp.**

Hypertrichosis and hirsutism: etiopathogenesis, classification, clinic, differential diagnosis, treatment in a cosmetic institution. Hair dystrophies: etiopathogenesis, classification, clinic, differential diagnosis, correction in a cosmetic institution. Scalp hyperkeratosis: etiopathogenesis, classification, clinic, differential diagnosis, treatment in a cosmetic facility.

**Topic № 13. Complications in cosmetology and their prevention.**

Complications of some cosmetic manipulations, peelings, injection, hardware, dermatosurgical and surgical methods are possible. Side effects of cosmetic drugs. Measures to prevent complications and side effects of cosmetics and methods.

**Recommended Books**

*Basic*

1. Bashura AG, Tkachenko SG Therapeutic cosmetics in pharmacies and not only… H .: Flag, 2006.-392p.

2. Bashura AG Practical manual on cosmetology and aromalogy.-Kharkiv, "Flag" .- 1999.-352p.

3. Koshevenko Yu.N. Handbook of dermatocosmetology. M: 2005.-296p.

4. Mirinova LG Medical cosmetology. - M .: KRON-PRESS, 2000. - 256 p.

5. Karaev RN Medical cosmetology: Training practice. allowance.-M., 1999.-303p.

6. Dribnokhod Yu.Yu. Cosmetics and cosmetology. M. 2007

7. A practical guide for cosmetologist-esthetician. Part 1 / Edited by LV Novikova.-M., 1999.-130p.

8. A practical guide for cosmetologist-esthetician. Part 2 / Edited by LV Novikova.-M., 2000.-192p.

*Auxiliary:*

1. Papias NA Medical cosmetics. A practical guide for doctors. Minsk: Belarus, 1999.

2. Ferzhtek O. Cosmetics and dermatology: Per. with Czech. - M. Meditsina, 1990.-256p.

3. Lipid barrier of the skin and cosmetics / EI Hernandez, AA Margolina, AO Petrukhina.-M .: LLC "Clavel Company", 2003.-340p.

4. New cosmetology / AA Margolina, EI Hernandez, OE Zaikina.-M .: Cosmetics and Medicine, 2000.-204p.

5. Ozerskaya O.S/ Cosmetology.-SPb .: Art of Russia, 2000.-368p.

6. Ivasenko LI, Konev VP, Popov AK Cosmetic surgery of the maxillofacial region. М.: Novgorod: Меd.book; NGMU, 2002.-108p.

**Discipline policy and values.**

In order to successfully complete the relevant course, it is necessary to regularly attend practical classes; to have theoretical preparation for practical classes according to the subject; not to be late and not to miss classes; perform all necessary tasks and work in each lesson; be able to work with a partner or in a group; contact the curators of the course on various issues on the subject of classes and receive it when you need it.

Students can discuss different tasks, but their performance is strictly individual. It is not allowed to write off, use various software, tips, use a mobile phone, tablet or other electronic gadgets during classes for purposes other than the educational process. Students are not allowed to attend practical classes.

Curation of patients is possible provided that students have the appropriate form of clothing, a health book with a mark on diphtheria vaccination, the results of the examination for measles immune stress (or a mark on vaccination), and a negative PCR result Covid-19.

Students with special needs can meet with the teacher or warn him before the start of classes, at the request of the student it can be done by the head of the group. If you have any questions, please contact the teacher.

Students' participation in research and conferences on this topic is encouraged.

All students of KhNMU are protected by the Regulations on Prevention, Prevention and Settlement of Cases Related to Sexual Harassment and Discrimination at Kharkiv National Medical University, designed to define an effective mechanism for resolving conflict situations related to discrimination and sexual harassment. This Regulation is developed on the basis of the following normative legal acts of Ukraine: the Constitution of Ukraine; Law of Ukraine "On Education"; Law of Ukraine "On Higher Education"; Law of Ukraine "On Principles of Prevention and Counteraction of Discrimination in Ukraine"; Law of Ukraine "On Ensuring Equal Rights and Opportunities for Women and Men"; Convention for the Protection of Human Rights and Fundamental Freedoms; Convention for the Suppression of Discrimination in Education; Convention on the Elimination of All Forms of Discrimination against Women; General Recommendation № 25 to paragraph 1 of Article 4 of the Convention on the Elimination of All Forms of Discrimination against Women; General Comment № 16 (2005) “Equal rights for men and women to enjoy economic, social and cultural rights” (Article 3 of the International Covenant on Economic, Social and Cultural Rights; UN Committee on Economic, Social and Cultural Rights); in the spirit of international mutual understanding, cooperation and peace and education in the spirit of respect for human rights and fundamental freedoms (UNESCO), the Concept of the State Social Program for Equal Rights and Opportunities for Women and Men until 2021. Kharkiv National Medical University provides education and work that is free from discrimination, sexual harassment, intimidation or exploitation. The University recognizes the importance of confidentiality. All persons responsible for the implementation of this policy (staff of deans' offices, faculties, institutes and the Center for Gender Education, members of the student government and ethics committee, vice-rector for research and teaching) are confidential about those who report or accuse of discrimination. or sexual harassment (except where the law requires disclosure and / or when disclosure by the University is necessary to protect the safety of others).

KhNMU creates a space of equal opportunities free from discrimination of any national, racial or ethnic origin, sex, age, disability, religion, sexual orientation, gender, or marital status. All rights, privileges, programs and activities granted to students or staff of the University apply to all without exception, provided they are properly qualified. The anti-discrimination policy and the policy of counteracting sexual harassment of KhNMU are confirmed by the Code of Corporate Ethics and the Charter of KhNMU.

**Behavior in the audience**

It is important for students to follow the rules of good behavior at the university. These rules are common to all, they also apply to all faculty and staff, and are not fundamentally different from the generally accepted norms.

**During classes**

• allowed:

- leave the audience for a short time if necessary and with the permission of the teacher;

- drink soft drinks;

- take photos of presentation slides;

- take an active part in the class.

• prohibited:

- eat (except for persons whose special medical condition requires another - in this case, medical confirmation is required);

- smoking, drinking alcohol and even low-alcohol beverages or drugs;

- use obscene language or use words that offend the honor and dignity of colleagues and faculty;

- gambling;

- damage the material and technical base of the university (damage inventory, equipment; furniture, walls, floors, litter the premises and territories);

- shouting, shouting or listening to loud music in classrooms and even in corridors during classes.

**Plagiarism and academic integrity**

The Department of Dermatology, Venereology and Medical Cosmetology maintains zero tolerance for plagiarism. Students are expected to constantly raise their awareness of academic writing. The first lessons will provide information on what to consider plagiarism and how to properly conduct research and scientific research.

**Occupational Health**

The first lesson of the course will explain the basic principles of labor protection by conducting appropriate training. It is expected that every higher education seeker should know where the evacuation exit closest to the audience is, where the fire extinguisher is, how to use it, and so on.

Procedure for informing about changes in the syllabus: the necessary changes in the syllabus are approved by the methodical commission of KhNMU on problems of professional training of pediatric profile and published on the site of KhNMU, the site of the Department of Dermatology, Venereology and Medical Cosmetology of KhNMU.

**Evaluation policy**

**Individual tasks**

Individual student tasks (IST) are evaluated in ECTS points (not more than 10), which are added to the sum of points earned for current educational activities.

**Control methods**

Control of student work. Assimilation of the topic (current control) is controlled in practical classes in accordance with specific goals and during the individual work of the teacher with students.

The following methods are used to determine the level of preparation of students:

1. answers to control questions;

2. computer tests;

3. assessment and interpretation of laboratory and instrumental examinations (directly in diagnostic departments, in classrooms, at the patient's bedside);

4. control of mastering practical skills and elements of medical equipment during the curation of the patient.

**Recalculation of the average grade for current activity in a multi-point scale (for disciplines ending with credit)**

When assessing the mastery of each subject of the discipline (MSD) and the final lesson (FL), the student is graded according to the traditional 4-point system: "excellent", "good", "satisfactory" or "unsatisfactory".

The final score for current learning activities (CAL) and final classes (FL) is defined as the arithmetic mean of traditional grades for each class and FL, rounded to 2 decimal places and listed in a multi-point scale according to the table.

The conversion of the average grade for current educational activities (CAE) into a multi-point scale for disciplines that end with a test is carried out in accordance with the table. To enroll, a student must receive from 120 to 200 points.

Tab. 1

**Recalculation of the average score for current activities in a multi-point scale**

**(for disciplines ending with a credit)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 4 point scale | 200 point scale |  | 4 point scale | 200 point scale |  | 4 point scale | 200 point scale |
| 5 | 200 | 4.22-4,23 | 169 | 3.45-3,46 | 138 |
| 4.97-4,99 | 199 | 4.19-4,21 | 168 | 3.42-3,44 | 137 |
| 4.95-4,96 | 198 | 4.17-4,18 | 167 | 3.4-3,41 | 136 |
| 4.92-4,94 | 197 | 4.14-4,16 | 166 | 3.37-3,39 | 135 |
| 4.9-4,91 | 196 | 4.12-4,13 | 165 | 3.35-3,36 | 134 |
| 4.87-4,89 | 195 | 4.09-4,11 | 164 | 3.32-3,34 | 133 |
| 4.85-4,86 | 194 | 4.07-4,08 | 163 | 3.3-3,31 | 132 |
| 4.82-4,84 | 193 | 4.04-4,06 | 162 | 3.27-3,29 | 131 |
| 4.8-4,81 | 192 | 4.02-4,03 | 161 | 3.25-3,26 | 130 |
| 4.77-4,79 | 191 | 3.99-4,01 | 160 | 3.22-3,24 | 129 |
| 4.75-4,76 | 190 | 3.97-3,98 | 159 | 3.2-3,21 | 128 |
| 4.72-4,74 | 189 | 3.94-3,96 | 158 | 3.17-3,19 | 127 |
| 4.7-4,71 | 188 | 3.92-3,93 | 157 | 3.15-3,16 | 126 |
| 4.67-4,69 | 187 | 3.89-3,91 | 156 | 3.12-3,14 | 125 |
| 4.65-4,66 | 186 | 3.87-3,88 | 155 | 3.1-3,11 | 124 |
| 4.62-4,64 | 185 | 3.84-3,86 | 154 | 3.07-3,09 | 123 |
| 4.6-4,61 | 184 | 3.82-3,83 | 153 | 3.05-3,06 | 122 |
| 4.57-4,59 | 183 | 3.79-3,81 | 152 | 3.02-3,04 | 121 |
| 4.54-4,56 | 182 | 3.77-3,78 | 151 | 3-3,01 | 120 |
| 4.52-4,53 | 181 | 3.74-3,76 | 150 | Less 3 | Not enough |
| 4.5-4,51 | 180 | 3.72-3,73 | 149 |  |  |
| 4.47-4,49 | 179 | 3.7-3,71 | 148 |
| 4.45-4,46 | 178 | 3.67-3,69 | 147 |  |  |
| 4.42-4,44 | 177 | 3.65-3,66 | 146 |  |
| 4.4-4,41 | 176 | 3.62-3,64 | 145 |  |  |
| 4.37-4,39 | 175 | 3.6-3,61 | 144 |  |  |
| 4.35-4,36 | 174 | 3.57-3,59 | 143 |  |  |
| 4.32-4,34 | 173 | 3.55-3,56 | 142 |  |  |
| 4.3-4,31 | 172 | 3.52-3,54 | 141 |  |  |
| 4,27-4,29 | 171 | 3.5-3,51 | 140 |  |  |
| 4.24-4,26 | 170 | 3.47-3,49 | 139 |  |  |

Tab.2

**Recalculation of the average score for current activities in a multi-point scale (for disciplines ending with credit)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 4 point scale | 200 point scale |  | 4 point scale | 200 point scale |  | 4 point scale | 200 point scale |
| 5 | 200 | 4.22-4,23 | 169 | 3.45-3,46 | 138 |
| 4.97-4,99 | 199 | 4.19-4,21 | 168 | 3.42-3,44 | 137 |
| 4.95-4,96 | 198 | 4.17-4,18 | 167 | 3.4-3,41 | 136 |
| 4.92-4,94 | 197 | 4.14-4,16 | 166 | 3.37-3,39 | 135 |
| 4.9-4,91 | 196 | 4.12-4,13 | 165 | 3.35-3,36 | 134 |
| 4.87-4,89 | 195 | 4.09-4,11 | 164 | 3.32-3,34 | 133 |
| 4.85-4,86 | 194 | 4.07-4,08 | 163 | 3.3-3,31 | 132 |
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