

Ministry of Health of Ukraine

Form № H-3.01

Qualification Master of Dentistry  
(title)

Term of study 4 years 10 months  
(years and months)

based on complete general secondary education  
(noted level of higher education)



IVAN HORBACHEVSKY TERNOPIL NATIONAL MEDICAL UNIVERSITY OF THE MINISTRY OF HEALTH OF UKRAINE

**EDUCATIONAL PLAN**

preparation

Master

(title of higher education)

Branch of knowledge

22 Health care

(code and title of the branch)

specialty

221 Dentistry

(code and title of specialty)

specialization

(title of specialization)

Form of education

full-time

(day time, evening time, correspondence (remote), externship)

**I. SCHEDULE OF THE EDUCATIONAL PROCESS**

| Year | September |   |   |   | October |   |   |   | November |    |    |    | December |    |    |    | January |    |    |    | February |    |    |    | March |    |    |    | April |    |    |    | May |    |    |    | June |    |    |    | July |    |    |    | August |    |    |    |    |    |    |    |
|------|-----------|---|---|---|---------|---|---|---|----------|----|----|----|----------|----|----|----|---------|----|----|----|----------|----|----|----|-------|----|----|----|-------|----|----|----|-----|----|----|----|------|----|----|----|------|----|----|----|--------|----|----|----|----|----|----|----|
|      | 1         | 2 | 3 | 4 | 5       | 6 | 7 | 8 | 9        | 10 | 11 | 12 | 13       | 14 | 15 | 16 | 17      | 18 | 19 | 20 | 21       | 22 | 23 | 24 | 25    | 26 | 27 | 28 | 29    | 30 | 31 | 32 | 33  | 34 | 35 | 36 | 37   | 38 | 39 | 40 | 41   | 42 | 43 | 44 | 45     | 46 | 47 | 48 | 49 | 50 | 51 | 52 |
| I    | T         | T | T | T | T       | T | T | T | T        | T  | T  | T  | T        | T  | T  | E  | E       | H  | H  | T  | T        | T  | T  | T  | T     | T  | T  | T  | T     | T  | T  | T  | T   | T  | T  | T  | T    | T  | T  | E  | H    | H  | H  | H  | H      | H  | H  | H  | H  | H  | H  | H  |
| II   | T         | T | T | T | T       | T | T | T | T        | T  | T  | T  | T        | T  | T  | E  | H       | H  | T  | T  | T        | T  | T  | T  | T     | T  | T  | A  | T     | T  | T  | T  | T   | T  | T  | T  | T    | T  | E  | E  | P    | P  | P  | P  | K      | H  | H  | H  | H  | H  | H  | H  |
| III  | T         | T | T | T | T       | T | T | T | T        | T  | T  | T  | T        | T  | T  | E  | E       | H  | H  | T  | T        | T  | T  | T  | T     | T  | T  | T  | T     | T  | T  | T  | T   | T  | T  | T  | T    | T  | E  | E  | P    | P  | P  | P  | P      | P  | P  | P  | P  | P  | P  | H  |
| IV   | T         | T | T | T | T       | T | T | T | T        | T  | T  | T  | T        | T  | T  | E  | P       | P  | P  | T  | T        | T  | T  | T  | T     | T  | T  | T  | T     | T  | T  | T  | T   | T  | T  | T  | T    | T  | E  | E  | A    | A  |    |    |        |    |    |    |    |    |    |    |

Marking: T – theoretical education; E – examination session; P – practice; H – holidays; A – attestation

**II. SUMMARY OF TIME BUDGET, weeks**

| Year         | Theoretical education | Examination session | Practice  | Execution of the diploma project | State attestation | Holidays  | Total      |
|--------------|-----------------------|---------------------|-----------|----------------------------------|-------------------|-----------|------------|
| I            | 35                    | 3                   |           |                                  |                   | 14        | 52         |
| II           | 35                    | 4                   | 4         |                                  |                   | 9         | 52         |
| III          | 36                    | 4                   | 3         |                                  | 1                 | 8         | 52         |
| IV           | 37                    | 3                   | 8         |                                  |                   | 4         | 52         |
| V            | 35                    | 3                   | 3         |                                  | 2                 |           | 43         |
| <b>Total</b> | <b>178</b>            | <b>17</b>           | <b>18</b> |                                  | <b>3</b>          | <b>35</b> | <b>251</b> |

**III. PRACTICE**

| Title of practice               | Semester | Weeks |
|---------------------------------|----------|-------|
| Production practice             | 4        | 4     |
| Practical medical practice      | 6        | 3     |
| Industrial stomatology practice | 8/9      | 8 / 3 |

**IV. STATE ATTESTATION**

| Name of educational discipline                                     | Form of State Attestation (examination, diploma project) | Semester |
|--|--|----------|
| USQE, Stage 1: Unified Test exam Krok 1; Professional English exam | Examination  | 6        |
| USQE, Stage 2: Unified Test exam Krok 2, practical (clinical) exam | Examination  | 10       |
| Attestation of graduates   | Examination/OSCE   | 10       |

## V. PLAN OF THE EDUCATIONAL PROGRAM

| Code from EP   | NAME OF EDUCATIONAL DISCIPLINE              | Distribution by semesters |                       |               |        | Number of ECTS credits | Number of hours  |            |            |           |                  |                   | Distribution of hours per week by years and semesters |            |            |            |           |    |    |    |    |                              |    |    |    |  |
|--|---|---------------------------|-----------------------|---------------|--------|------------------------|------------------|------------|------------|-----------|------------------|-------------------|---|------------|------------|------------|-----------|----|----|----|----|------------------------------|----|----|----|--|
|  |   | examinations              | credits/diff. credits | term/semester |        |                        | The total amount | classroom  |            |           | independent work | Year I            | Year II   | Year III   | Year IV    | Year 5     | semesters |    |    |    |    | number of weeks per semester |    |    |    |  |
|  |   |                           |                       | projects      | papers |                        |                  | total      | lectures   | seminars  |                  | practical classes | 1   | 2          | 3          | 4          | 5         | 6  | 7  | 8  | 9  | 10                           |    |    |    |  |
|  |   | 15                        | 19                    |               |        |                        |                  |            |            |           |                  |                   | 15  | 20         | 15         | 21         | 15        | 21 | 15 | 20 |    |                              |    |    |    |  |
|  |   | 1                         | 2                     | 3             | 4      |                        | 5                | 6          | 7          | 8         | 9                | 10                | 11  | 12         | 13         | 14         | 15        | 16 | 17 | 18 | 19 | 20                           | 21 | 22 | 23 |  |
| <b>1. Mandatory components of EP</b>                   |   |                           |                       |               |        |                        |                  |            |            |           |                  |                   |   |            |            |            |           |    |    |    |    |                              |    |    |    |  |
| <b>1.1 Cycle of disciplines of general preparation</b> |   |                           |                       |               |        |                        |                  |            |            |           |                  |                   |   |            |            |            |           |    |    |    |    |                              |    |    |    |  |
| MC 1   | Ukrainian language (professional direction) |                           | /2                    |               |        | 3.00                   | 90               | 30         |            |           | 30               | 60                |   | 30         |            |            |           |    |    |    |    |                              |    |    |    |  |
| MC 2   | Foreign language (professional direction)   |                           | /2                    |               |        | 3.00                   | 90               | 30         |            |           | 30               | 60                |   | 30         |            |            |           |    |    |    |    |                              |    |    |    |  |
| MC 3   | Latin language and medical terminology      |                           | 1/2                   |               |        | 3.00                   | 90               | 60         |            |           | 60               | 30                | 26  | 34         |            |            |           |    |    |    |    |                              |    |    |    |  |
| MC 4   | Philosophy                                  |                           | /1                    |               |        | 3.00                   | 90               | 40         | 20         | 20        |                  | 50                | 40  |            |            |            |           |    |    |    |    |                              |    |    |    |  |
| MC 5   | Anatomy of man                              | 2                         | 1/                    |               |        | 11.00                  | 330              | 220        | 60         |           | 160              | 110               | 92  | 128        |            |            |           |    |    |    |    |                              |    |    |    |  |
| MC 6   | Histology, cytology and embryology          | 2                         | 1/                    |               |        | 7.00                   | 210              | 160        | 50         |           | 110              | 50                | 72  | 88         |            |            |           |    |    |    |    |                              |    |    |    |  |
| MC 7   | Physiology                                  | 4                         | 3/                    |               |        | 6.00                   | 180              | 120        | 20         |           | 100              | 60                |   |            | 48         | 64         |           |    |    |    |    |                              |    |    |    |  |
| MC 8   | Biological and bioorganic chemistry         | 4                         | 2,3/                  |               |        | 8.00                   | 240              | 150        | 42         |           | 108              | 90                |   | 40         | 54         | 56         |           |    |    |    |    |                              |    |    |    |  |
| MC 9   | Microbiology, virology and immunology       | 3                         |                       |               |        | 5.00                   | 150              | 80         | 20         |           | 60               | 70                |   | 80         |            |            |           |    |    |    |    |                              |    |    |    |  |
|  |   |                           |                       |               |        |                        |                  |            |            |           |                  |                   |   |            |            |            |           |    |    |    |    |                              |    |    |    |  |
|  |   |                           |                       |               |        |                        |                  |            |            |           |                  |                   |   |            |            |            |           |    |    |    |    |                              |    |    |    |  |
|  | <b>Total</b>                                | <b>5</b>                  | <b>6/4</b>            |               |        | <b>49,00</b>           | <b>1470</b>      | <b>890</b> | <b>212</b> | <b>20</b> | <b>658</b>       | <b>580</b>        | <b>230</b>  | <b>350</b> | <b>182</b> | <b>120</b> |           |    |    |    |    |                              |    |    |    |  |



| 1                                    | 2  | 3         | 4              | 5 | 6 | 7             | 8           | 9           | 10         | 11        | 12          | 13          | 14         | 15         | 16         | 17         | 18         | 19         | 20         | 21         | 22         | 23         |
|--------------------------------------|--|-----------|----------------|---|---|---------------|-------------|-------------|------------|-----------|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| <b>1.2 Cycle of training courses</b> |  |           |                |   |   |               |             |             |            |           |             |             |            |            |            |            |            |            |            |            |            |            |
| MC 10                                | Pathomorphology  | 5         | 4 /            |   |   | 6,00          | 180         | 120         | 40         |           | 80          | 60          |            |            |            | 60         | 60         |            |            |            |            |            |
| MC 11                                | Pathophysiology  | 5         | 4 /            |   |   | 6,00          | 180         | 120         | 40         |           | 80          | 60          |            |            |            | 60         | 60         |            |            |            |            |            |
| MC 12                                | Pharmacology   | 5         | 4 /            |   |   | 6,00          | 180         | 120         | 40         |           | 80          | 60          |            |            |            | 60         | 60         |            |            |            |            |            |
| MC 13                                | Propaedeutics of internal medicine                                       |           | 5/6            |   |   | 3,00          | 90          | 40          | 16         |           | 24          | 50          |            |            |            | 40         |            |            |            |            |            |            |
| MC 14                                | Propaedeutics of therapeutic dentistry                                   |           | 5/6            |   |   | 4,00          | 120         | 70          | 10         |           | 60          | 50          |            |            | 34         | 36         |            |            |            |            |            |            |
| MC 15                                | Clinical anatomy and operative surgery                                   |           | / 3            |   |   | 3,00          | 90          | 40          | 10         |           | 30          | 50          |            |            | 40         |            |            |            |            |            |            |            |
| MC 16                                | Prophylaxis of dental diseases   |           | 5/6            |   |   | 4,00          | 120         | 70          | 10         |           | 60          | 50          |            |            |            |            | 34         | 36         |            |            |            |            |
| MC 17                                | Propaedeutics of orthopedic dentistry                                    |           | 5/6            |   |   | 4,00          | 120         | 70          | 6          |           | 64          | 50          |            |            | 34         | 36         |            |            |            |            |            |            |
| MC 18                                | Propaedeutics of pediatric therapeutic dentistry                         |           | /4             |   |   | 3,00          | 90          | 40          | 10         |           | 30          | 50          |            |            |            | 40         |            |            |            |            |            |            |
| MC 19                                | Internal medicine (including infectious diseases and epidemiology)       | 8         | 6, 7 /         |   |   | 7,00          | 210         | 140         | 20         |           | 120         | 70          |            |            |            |            |            | 50         | 44         | 46         |            |            |
| MC 20                                | Surgery including oncology and neurosurgery                              | 8         | 6, 7 /         |   |   | 7,00          | 210         | 140         | 50         |           | 90          | 70          |            |            |            |            |            | 50         | 44         | 46         |            |            |
| MC 21                                | Social medicine, public health and the basics of evidence-based medicine |           | 6, 9 /         |   |   | 6,00          | 180         | 70          | 20         |           | 50          | 110         |            |            |            |            |            | 40         |            |            |            | 30         |
| MC 22                                | Orthodontics   |           | 5 / 6, 7, 10   |   |   | 9,00          | 270         | 180         | 30         |           | 150         | 90          |            |            |            |            | 34         | 36         | 50         |            | 30         | 30         |
| MC 23                                | Radiology  |           | 5 /            |   |   | 3,00          | 90          | 40          | 10         |           | 30          | 50          |            |            |            |            |            | 30         |            |            |            |            |
| MC 24                                | Therapeutic dentistry  | 6, 8      | 5, 7 / 10      |   |   | 20,00         | 600         | 450         | 80         |           | 370         | 150         |            |            |            |            | 74         | 76         | 50         | 50         | 100        | 100        |
| MC 25                                | Surgical dentistry   | 6, 8      | 5, 7 / 10      |   |   | 20,00         | 600         | 400         | 70         |           | 330         | 200         |            |            |            |            | 60         | 60         | 40         | 40         | 100        | 100        |
| MC 26                                | Orthopedic stomatology, including implantology                           | 6, 8      | 5, 7 / 10      |   |   | 20,00         | 600         | 400         | 70         |           | 330         | 200         |            |            |            |            | 60         | 60         | 40         | 40         | 100        | 100        |
| MC 27                                | Forensic medicine (dentistry), Medical law of Ukraine                    |           | 5 / 6          |   |   | 3,00          | 90          | 50          | 16         |           | 34          | 40          |            |            |            |            | 24         | 26         |            |            |            |            |
| MC 28                                | Pediatric therapeutic dentistry  | 8         | 7, 9 / 10      |   |   | 9,00          | 270         | 210         | 30         |           | 180         | 60          |            |            |            |            |            | 40         | 40         | 64         | 66         |            |
| MC 29                                | Children's surgical dentistry  |           | 8 / 9          |   |   | 6,00          | 180         | 110         | 20         |           | 90          | 70          |            |            |            |            |            |            | 50         | 60         |            |            |
| MC 30                                | Emergency and urgent medical care  |           | 10 /           |   |   | 3,00          | 90          | 30          | 10         |           | 20          | 60          |            |            |            |            |            |            |            |            |            | 30         |
|                                      | <b>Total</b>   | <b>12</b> | <b>26 / 15</b> |   |   | <b>152,00</b> | <b>4560</b> | <b>2910</b> | <b>608</b> |           | <b>2302</b> | <b>1650</b> |            |            | <b>108</b> | <b>332</b> | <b>466</b> | <b>464</b> | <b>308</b> | <b>312</b> | <b>454</b> | <b>456</b> |
|                                      | <b>Total for the normative part is</b>                                   | <b>17</b> | <b>32 / 19</b> |   |   | <b>201,00</b> | <b>6030</b> | <b>3800</b> | <b>820</b> | <b>20</b> | <b>2960</b> | <b>2230</b> | <b>230</b> | <b>350</b> | <b>290</b> | <b>452</b> | <b>466</b> | <b>464</b> | <b>308</b> | <b>312</b> | <b>454</b> | <b>456</b> |

## 2. Optional components of the EP

### 2.1. Cycle of disciplines of general preparation

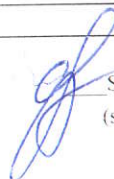
|       |   |          |               |  |  |              |                |               |            |           |            |            |            |            |           |           |  |  |  |  |  |  |
|-------|---|----------|---------------|--|--|--------------|----------------|---------------|------------|-----------|------------|------------|------------|------------|-----------|-----------|--|--|--|--|--|--|
| OC 1  | Foreign Language                                    |          | 1 /           |  |  | 3,00         | 90             | 50            |            |           | 50         | 40         | 36         | 14         |           |           |  |  |  |  |  |  |
| OC 2  | History of Ukraine and Ukrainian culture            |          | 1, 2 /        |  |  | 3,00         | 90             | 30            | 20         | 10        |            | 60         | 12         | 18         |           |           |  |  |  |  |  |  |
| OC 3  | Medical physics of diagnostic and medical equipment |          | /2            |  |  | 4,00         | 120            | 70            | 30         |           | 40         | 50         | 28         | 42         |           |           |  |  |  |  |  |  |
| OC 4  | Medical informatics                                 |          | 3 /           |  |  | 3,00         | 90             | 36            |            |           | 36         | 54         |            |            | 36        |           |  |  |  |  |  |  |
| OC 5  | Medical biology                                     | 2        | 1 /           |  |  | 5,00         | 150            | 90            | 36         |           | 54         | 60         | 38         | 52         |           |           |  |  |  |  |  |  |
| OC 6  | Medical chemistry                                   | 1        |               |  |  | 4,00         | 120            | 50            | 22         |           | 28         | 70         | 50         |            |           |           |  |  |  |  |  |  |
| OC 7  | Life Safety: basics of bioethics and biosafety      |          | 1 /           |  |  | 3,00         | 90             | 40            | 20         | 20        |            | 50         | 40         |            |           |           |  |  |  |  |  |  |
| OC 8  | History of Medicine                                 |          | 1 /           |  |  | 3,00         | 90             | 20            | 10         | 10        |            | 70         | 20         |            |           |           |  |  |  |  |  |  |
| OC 9  | Ethical problems in medicine                        |          | 2 /           |  |  | 4,00         | 120            | 40            | 20         |           | 20         | 80         |            | 40         |           |           |  |  |  |  |  |  |
| OC 10 | Physical Education credit                           |          | 2, 4 /        |  |  |              | 320            | 60            |            |           | 60         | 260        | 14         | 16         | 14        | 16        |  |  |  |  |  |  |
|       | <b>Total</b>  | <b>2</b> | <b>13 / 1</b> |  |  | <b>32,00</b> | <b>1280,00</b> | <b>486,00</b> | <b>158</b> | <b>40</b> | <b>288</b> | <b>794</b> | <b>238</b> | <b>182</b> | <b>50</b> | <b>16</b> |  |  |  |  |  |  |

**2.2. Cycle of training courses**

|       |   |               |  |              |             |            |            |            |            |  |  |           |           |  |           |            |            |     |           |
|-------|---|---------------|--|--------------|-------------|------------|------------|------------|------------|--|--|-----------|-----------|--|-----------|------------|------------|-----|-----------|
| OC 11 | Side effects of drugs   | 5 /           |  | 3,00         | 90          | 20         |            | 20         | 70         |  |  |           |           |  | 20        |            |            |     |           |
| OC 12 | The main technologies of making dentures  | 3 /           |  | 3,00         | 90          | 30         | 10         | 20         | 60         |  |  | 30        |           |  |           |            |            |     |           |
| OC 13 | Phthisiology  | 8 /           |  | 3,00         | 90          | 40         | 10         | 30         | 50         |  |  |           |           |  |           |            | 40         |     |           |
| OC 14 | Otorhinolaryngology   | 7 /           |  | 3,00         | 90          | 30         | 10         | 20         | 60         |  |  |           |           |  | 30        |            |            |     |           |
| OC 15 | Training of reserves officers of the field of knowledge "Health". Specialty "Dentistry"   | 4 /           |  | 3,00         | 90          | 50         |            | 50         | 40         |  |  | 24        | 26        |  |           |            |            |     |           |
| OC 16 | Hygiene and environment   | 3 /           |  | 3,00         | 90          | 40         | 10         | 30         | 50         |  |  | 40        |           |  |           |            |            |     |           |
| OC 17 | General medical training (ophthalmology, neurology, including neurostomatology; dermatology, venereology; psychiatry, narcology; medical psychology; physical rehabilitation, sports medicine, endocrinology) | 8 /           |  | 8,00         | 240         | 200        | 40         | 160        | 40         |  |  |           |           |  |           |            | 100        | 100 |           |
| OC 18 | Pediatrics  | 7 /           |  | 3,00         | 90          | 30         | 6          | 24         | 60         |  |  |           |           |  |           |            | 30         |     |           |
| OC 19 | Obstetrics  | 7 /           |  | 3,00         | 90          | 30         | 6          | 24         | 60         |  |  |           |           |  | 30        |            |            |     |           |
| OC 20 | Clinical pharmacology   | 9 /           |  | 3,00         | 90          | 30         | 10         | 20         | 60         |  |  |           |           |  |           |            |            |     | 30        |
| OC 21 | Fundamentals of aesthetic restoration of teeth  | 10 /          |  | 4,00         | 120         | 20         |            | 20         | 100        |  |  |           |           |  |           |            |            |     | 20        |
| OC 22 | Modern technologies of solid prosthetics  | 8 /           |  | 4,00         | 120         | 20         |            | 20         | 100        |  |  |           |           |  |           |            |            |     |           |
|       | <b>Total</b>  | <b>10 / 2</b> |  | <b>43,00</b> | <b>1290</b> | <b>540</b> | <b>102</b> | <b>438</b> | <b>750</b> |  |  | <b>94</b> | <b>26</b> |  | <b>20</b> | <b>160</b> | <b>170</b> |     | <b>50</b> |

| 1                           | 2                                 | 3     | 4       | 5 | 6 | 7      | 8      | 9      | 10   | 11 | 12   | 13   | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  |
|-----------------------------|-----------------------------------|-------|---------|---|---|--------|--------|--------|------|----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                             | Total                             | 19,00 | 59 / 22 |   |   | 276,00 | 8600   | 4826   | 1080 | 60 | 3686 | 3774 | 468 | 532 | 434 | 494 | 466 | 484 | 468 | 482 | 454 | 506 |
| <b>3. TRAINING PRACTICE</b> |                                   |       |         |   |   |        |        |        |      |    |      |      |     |     |     |     |     |     |     |     |     |     |
| MC 31                       | Practical medical practice        |       | / 6     |   |   | 5,00   | 150    | 30     |      |    | 30   | 120  |     |     |     |     |     | 30  |     |     |     |     |
| MC 32                       | Industrial stomatology practice   |       | / 8, 9  |   |   | 11,00  | 330    | 60     |      |    | 60   | 270  |     |     |     |     |     |     |     | 30  | 30  |     |
| MC 33                       | Production practice               |       | / 4     |   |   | 6,00   | 180    | 30     |      |    | 30   | 150  |     |     |     | 30  |     |     |     |     |     |     |
|                             | Atestation                        |       |         |   |   | 2,00   | 60     |        |      |    |      | 60   |     |     |     |     |     |     |     |     |     | 60  |
|                             | Усього                            |       | / 4     |   |   | 24,00  | 720,00 | 120,00 |      |    | 120  | 600  |     |     |     | 30  |     | 30  |     | 30  | 30  | 60  |
|                             | THE TOTAL AMOUNT OF CREDITS       | 19,00 | 59 / 25 |   |   | 300,00 | 9320   | 4946   | 1080 | 60 | 3806 | 4374 | 468 | 532 | 434 | 524 | 466 | 514 | 468 | 512 | 484 | 566 |
|                             | Number of hours per week          |       |         |   |   |        |        |        |      |    |      |      | 31  | 28  | 29  | 26  | 31  | 24  | 31  | 24  | 32  | 28  |
|                             | Number of examinations            |       |         |   |   |        |        |        |      |    |      |      | 1   | 3   | 1   | 2   | 3   | 3   |     | 6   |     |     |
|                             | Number of credits / diff. credits |       |         |   |   |        |        |        |      |    |      |      | 10  | 10  | 6   | 6   | 11  | 9   | 11  | 7   | 4   | 7   |

Dean of the faculty of Dentistry



S. Boitsaniuk  
(signature, surname and initials)