

Federal State Budgetary Educational Institution of Higher Education
«Ural State University of Architecture and Art»

APPROVED by
 Academic Council of USUAA
 «18» april 2019, Minutes № 27-01YC-08

APPROVED by
 Acting Rector

« 2019 »



Sergey P. Postnikov

CURRICULUM

Master training in subject area 07.04.01 Architecture
 Subject Architectural Design,
Restoration and Reconstruction
of Cultural Heritage

Qualification – Master
 Standard duration– 2 years
 Tuition format – full-time
 Year of enrolment – 2019

I Academic Schedule

| months | September | | | | | October | | | | | November | | | | | December | | | | | January | | | | | February | | | | | March | | | | | April | | | | | May | | | | | June | | | | | July | | | | | Aug |
|--------|-----------|---|---|---|---|---------|---|---|---|----------|----------|----|----|----|----|----------|----|----|----|----|---------|----|----|----|----|----------|----|----|----|----|-------|----|----|----|----|-------|----|----|----|----|-----|----|----|----|----|------|----|----|----|----|------|---|--|--|--|-----|
| weeks | 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 | | | | | | |
| I | [| | | | | | | | | 18 X* | | | | | | | |] | π | • | = | = | [| | | | | | | | 18 | | | | | π | | | | |] | • | X | X | X | X | = | = | = | = | | | | | | |
| II | [| | | | | | | | | 18 | | | | | | | |] | π | • | • | = | X | X | X | X | X | X | X | X | X | X | = | II | II | π | II | II | II | II | II | II | II | II | II | II | - | - | = | = | = | = | | | | |

[] - theoretical
 = - vacations

• - Examination period
 X* - Practical training (spread out)

X - Practice
 π - National holidays

II - Final assessment

II. Total workload (credits)

| Year | Theoretical training, examinations | Practice (spread out) | Practice (focused) | Final assessment | Total credits |
|-------|------------------------------------|-----------------------|--------------------|------------------|---------------|
| I | 45 | 9 | 6 | - | 60 |
| II | 30 | - | 15 | 15 | 60 |
| Total | 75 | 9 | 21 | 15 | 120 |

III Detailed curriculum by subject

| Index | Name of discipline including practical training | Workload | | | | Distribution of theoretical training by year and semester | | | | Interim assessm (form and distrib by semester | | |
|----------------|--|-----------|----------------|------------|-------------|---|-------------------|-------------------|-------------------|---|---------|------------|
| | | Credits | Academic hours | | | Year 1 | | Year 2 | | exam | test | se proj |
| | | | Total | In class. | Self study | 1 sem 18 weeks | 2 sem 18 weeks | 3 sem 18 weeks | 4 sem 18 weeks | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Б1 | Grouping 1. Disciplines | 75 | 2700 | 900 | 1800 | | | | | | | |
| Б1.О | Compulsory part | 42 | 1512 | | | | | | | | | |
| Б1.О.1 | Contemporary concepts in theory of architecture and urban planning | 3 | 108 | 36 | 72 | 2-2* | | | | 1 | | |
| Б1.О.2 | Project management | 2 | 72 | 18 | 54 | | 1-3 | | | | 2 | |
| Б1.О.3 | Modern information technologies | 2 | 72 | 18 | 54 | 1-3 | | | | | 1 | |
| Б1.О.4 | Feasibility study in architectural design and urban planning solutions | 4 | 144 | 36 | 108 | | | 2-4* | | 3 | | |
| Б1.О.5 | Current issues in history and theory of architecture | 2 | 72 | 36 | 36 | | 2-2 | | | | 2 | |
| Б1.О.6 | Engineering issues in restoration | 5 | 180 | 72 | 108 | 2-2 | 2-2* | | | 2 | 1 | |
| Б1.О.7 | Theoretical basics of classic architectural composition | 4 | 144 | 36 | 108 | | 2-6 | | | | 2 | |
| Б1.О.8 | Architecture and decoration of cult buildings | 4 | 144 | 36 | 108 | | | 2-6 | | | 3** | |
| Б1.О.9 | Modern building structures | 4 | 144 | 36 | 108 | | | 2-6 | | | 3** | |
| Б1.О.10 | Research methods, methodology and presentation | 9 | 324 | 108 | 216 | 2-2 | 2-4 | 2-4* | | 3 | (1,2)** | |
| Б1.О.ЭД | Electives дисциплины | 3 | 108 | | | | | | | | | |
| Б1.О.ЭД.1 | Architectural landscaping reconstruction | 3 | 108 | 36 | 72 | | 2-4 | | | | 2 | |
| Б1.О.ЭД.2 | Architectural ensemble development in modern city | | | | | | | | | | | |
| Б1.Ф | Part determined by educators and learners | 33 | 1188 | | | | | | | | | |
| Б1.Ф.1 | Restoration design | 23 | 828 | 288 | 540 | 6-6 | 4-10 | 6-14 | | | (1-3)** | 1-3 |
| Б1.Ф.2 | Restoration design methods | 4 | 144 | 72 | 72 | 2-2 | 2-2 | | | | 1,2** | |
| Б1.Ф.3 | Foreign language of the profession | 4 | 144 | 36 | 108 | | | 2-4* | | 3 | | |
| Б1.Ф.4 | Academic text stylistics | 2 | 72 | 36 | 36 | 2-2 | | | | | 1 | |
| Б2 | Grouping 2. Practical training | 30 | 1080 | | | | | | | | | |
| Б2.О | Compulsory part | 9 | 324 | | | | | | | | | |
| Б2.О.1 | Academic practice in research work (acquiring initial research work skills) / spread out / | 9 | 324 | | | X | | | | | 1** | |
| Б2.Ф | Part determined by educators and learners | 21 | 756 | | | | | | | | | |
| Б2.Ф.1 | Process practice in industry (design process) | 6 | 216 | | | | X | | | | 2** | |
| Б2.Ф.2 | Pre-graduation practice in industry | 15 | 540 | | | | | | X | | 4** | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|------------|---|------------------|-------------|-----------|-----------|----|-----|----|----|----|----|----|
| Б3 | Grouping 3. Final assessment | 15 | 540 | | | | | | | | | |
| Б3.1 | Preparation and defense of graduate qualification work | 15 | 540 | | | | | | X | | | |
| | Total workload of the core educational programme | 120 | 4320 | | | | | | | | | |
| ФТД | Optional disciplines | 2 | 72 | 36 | 36 | | | | | | | |
| ФТД.1 | Basics of Historical City Reconstruction | 2 | 72 | 36 | 36 | | 2-2 | | | | 2 | |
| | Per week | Classroom hours | | | | 17 | 19 | 16 | | | | |
| | | Self-study hours | | | | 19 | 35 | 38 | | | | |
| | | Total hours | | | | 36 | 54 | 54 | | | | |
| | | Credits (Б1) | | | | 19 | 26 | 30 | - | | | |
| | | Credits (Б2, Б3) | | | | 9 | 6 | - | 30 | | | |
| | | Total credits | | | | 60 | | 60 | | | | |
| | Number of | Course projects | | | | 1 | 1 | 1 | - | | | |
| | | Course papers | | | | - | - | - | - | | | |
| | | Examinations | | | | 1 | 1 | 3 | - | | | |
| | | Tests | | | | 6 | 8 | 3 | - | | | |

| Final Assessment | | Notes |
|------------------|--|---------------------------------|
| 1. | Graduate qualification work to be defended before State Examination Commission in Semester 4 | * examination ** graded test |

AGREED BY

Vice-Rector for Academic Affairs

Head of Academic Management Unit

Dean of Faculty of Architecture

Head of Department of History of Arts and Restoration

Victoria I. Isachenko

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