NON-PROFIT JOINT STOCK COMPANY KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY named after K.I.SATPAYEV





CURRICULUM of Educational Program on enrollment for 2022-2023 academic year

Educational program 6B07307 - "Architecture" Group of educational programs B073 - "Architecture"

| Discipline | AND CONTRACTOR OF THE PARTY. | SHELL | Total | Total | Audience | SRO | Agran Arraya | Academic degree: Bachelor of Engineering and Technology Distribution of classroom studies by courses and semesters | | | | | | | | | |
|------------------|---|------------------|--------------|----------|----------------------|------------------------|--------------------|---|------------|------------|-----------|-----------|-----------|-----------|--------------|------------|---------------|
| Code | Name of disciplines | Cycle | volume in | hours | volume lek/lab/pr | (including SROP) in | form of control | | urse | 11 co | urse | | course | | course | Ve | ourse |
| CVCLE | OF GENERAL EDUCAT | IONIAL DI | credits | INITIO (| The second second | hours | | 1 semester | 2 semester | 3 semester | 4 semesti | 5 semeste | 6 semeste | 7 semeste | r 8 semester | 9 semester | 10 semeste |
| CICLE | OF GENERAL EDUCAT | IONAL DI | SCIPL | ANES (| OOD) | *** | | | | | | | | | | | |
| LNG108 | Foreign language | OOD, OK | 10 | 300 | 0/0/6 | | nguage | training | - | | | 7 | | | _ | | |
| LNG104 | Kazakh (Russian) language | OOD, OK | 10 | 300 | 0/0/6 | 210 | - | 5 | 5 | | | | | | | | |
| | // washing magaage | 1700,00 | 10 | 300 | 0/0/6 | | avrient. | training i | .5 | | | | <u> </u> | | | | |
| KFK 101- | Physical Culture | OOD, OK | 8 | 240 | W 100 MI | | Difference | | | | | 1 | | | | | _ |
| 104 | mysiqui Culture | GOD, OK | 0 | 240 | 0/0/8 | 120 | | 4. | 2 | 2 | 2 | | | | | | |
| | Information and | | - | | N | 1-3. Infor | mation | technolo | gy modu | le | | | | | | | |
| CSE677 | Communication | OOD, OK | 5 | 150 | 2/1/0 | 105 | E | | | | 5: | | | | | | |
| | | | | | M- | 4. Socio-c | ultural | developn | nent mod | lule | | | - | | | - | - |
| HUM137 HUM132 | History of Kazaklistan Philosophy | OOD, OK | 5 | 150 | 1/0/2 | 105 | GE | | 5 | | | | | | | | |
| HOWITSE | Module of socio-political | OOD OK | 5 | 150 | 1/0/2 | 1.05 | E | | | | 5 | - | | | | | |
| HUM120 | knowledge (sociology, political science) | COD ON | 3 | 90 | 1/0/1 | 60 | E | | | | 3 | | | | | | |
| HUM134 | Module of socio-political knowledge (culturology, | OOD, OK | 5 | 150 | 2/0/1 | 150 | É | | | 5 | | | | | | | |
| 10000 | psychology) | | _ | | | Caron Hae Andrew | | e construction of attention | | | | | | 1 | 1 | | |
| | | | | IV | l-5. Entre | preneursh | ip, Eco | logy and | Life Saf | ety Modu | le | T. | | | | | |
| MNG489 | Fundamentals of Economics and Entrepreneurship | OOD, KV | 5 | 150 | 2/0/1 | 150 | Ė | | | 5 | | | | | | | |
| HYD438 | Ecology and life safety | | | | | | | | | | | | | | | | |
| CYCLE | F BASIC DISCIPLINES | (BD) | | | | | | | | | | 7 | | | | | |
| | | (/ | - | | ** * * * * | | | | 707 | | | | | | | | |
| MAT423 | Mathematics | BD, VK | 5 | 150 | M-6. Mo | dule of ph | | | ematical | training | - | - | | | | | |
| PHY466 | Architectural physics | BD, VK | 5 | 150 | 1/0/2 | 105 | E | 5 | | 5 | | - | | - | | | |
| CIV584 | Structural mechanics | BD, VK | 5 | 150 | 1/0/2 | 105 | TE . | | | - | | 5 | | | | | |
| | | | | | | M-7. E | Basic tra | aining me | dule | | | | | | * | | |
| ARC537 | Drawing I | BD, VK | 4 | 120 | 0/0/3 | 75 | E | 4 | | | | | | | | | |
| ARC156 ARC504 | Drawing II Architectural composition | BD, VK BD, VK | 5 | 150 | 0/0/3* | 105 | E | | 5 | | | | | | | | |
| ARC114 | World History of Architecture | BD, VK | 5 | 150 | 2/0/1* | 120 105 | E | 5 | 5 | | | | | | | | |
| ARC505 | Painting | BD, KV | 5 | 150 | 0/0/3 | 105 | В | | | | | | | 1 | - | - | 144 |
| ARC410 | Photography | DD, KY | | 130 | 1/0/2 | 105 | ь | | | | 5 | | | | | | |
| ARC549 | Architectural graphics and syout | BD, KV | 6 | 180 | 0/0/3 | 120 | Е | | | 0.00 | | | | | | | |
| ARC550 | Aesthetics in architecture | 2.2,10, | | 1.00 | 2/0/1 | 120 | 1 | | | 6 | | | | | | | |
| ARC157 | Sculpture | BD, KV | 5 | 150 | 0/0/3 | 105 | Е | | | | | 5 | | | 1 | - | |
| ARC455 | Plastic modeling | | | 100 | 0/0/3 | 103 | - | | | | | , | | | | | |
| ARC551 | Regional features of architecture | BD, KV | 4 | 100 | 2/0/1 | | 120 | | | | | | | | | | |
| ARC552 | Art history | DD, KV | * | 120 | 2/0/1 | 75 | Е | | | | | 4 | | | | | |
| | | | - | | 2/0/:1 | M-8 Die | rital M | odeling n | nodule | | +++ | | | | | | |
| ARC449 | Professional Modeling in | | - | 70.00 | | | | outing i | iouaic | | | T | | | | | |
| 27397.8.454 | Architecture I | BD, VK | 5 | 150 | 0/0/3* | 105 | E | | | 5 | | | | | | | |
| | Professional Modeling in | | | | 0/0/3 | | | | | | | | | | | | |
| | Architecture II | BD, KV | 5 | 150 | | 105 | Е | | | | \$ | | | | | | |
| | Digital Modeling I | | | | 0/0/3 | | | | | | | | | | | | |
| | Professional Modeling in Architecture III | DD WW | 5 | 150 | 0/0/3 | 101 | | | | | | | | | | | |
| ARC187 | rungamenals of visual | BD, KV | 3 | 150 | | 105 | E | | | | | 5 | | | | | |
| VID. 3. 5. 5. | Professional Modeling in | | - | - | 1/0/2 | | | | | | | | | | | | |
| ARC143 | Architecture IV | BD, KV | 5 | 150 | 0/0/3 | 105 | E | | | | | | 5 | | | | |
| | Digital Modeling II | | | 77-1-XV | 0/0/3 | | | | | | | | | | | | |
| ARC529 | Professional Modeling in V | nn | | | 0/0/3 | | | | | | | | | | | | |
| ARC530 | Architecture Digital Modeling III | BD, KV | 5 | 150 | | 105 | E | | | | | n | | 5 | | | |
| 200000 | | | | | 0/0/3 | 1-9. Engir | eering | Trainte | Modul | | | | | | | | |
| GEN429 | Engineering and computer | BD, VK | 5 | 140 | | | | | wiodule | | 1 22 4 7 | 1 | | | | | |
| | graphics | DD, VK | 3 | 150 | 1/0/2 | 105 | E | 5 | | | | | | | | | |
| | Engineering systems of buildings and structures | BD, VK | 5 | 150 | 2/0/1* | 105 | E | | | | | | | 5 | | | |
| | Design I | BD, VK | 5 | 150 | 0/0/3* | 105 | Е | | | | - 5 | | | | | | |
| | Participation of the Control of the | | - | | | - | | | | | 7 | | | - | - | - | - |
| ARC106 | Architectural typology | BD, VK | 5 | 150 | 2/0/1* | 105 | E | | | | | | | | | 5 | |
| ARC106 CIV164 | Architectural typology Building construction Engineering improvement | BD, VK | 5 | 150 | 2/0/1* | 105 | E | | | | | | 5 | | | 5 | |

| color crganization ironment saterials in re terior equipment sign es tals of urban ironment ironment ironment ironment ironment ironment ironment ironment design gy architecture design al practice TLING DISCIPI design II Design III Design III Design VI Design VI Design VI Design VIII Design VIIII Design VIII Design VIIII Design VIIII Design VIIII Design VIIII Design VIII Design VIIII Design VIIII Design VIIII Design VIIII Design VIII Design VIIII Design VIIII Design VIIII Design VIIII Design VIII Design VIIII Design VIIII Design VIIII Design VIIII Design VIII Design VIIII Design VIIII Design VIII Design VIIII Design VIII Design VIII Design VIII Design VIII Design VIIII Design VIII Design VIII Design VIII Design VIII Design VIII | PD, VK | 5 | 150 150 150 180 150 150 150 150 150 150 150 150 | 2/0/1 1/0/2 2/0/1 0/0/3 1/0/2 2/0/1 2/0/1 2/0/1 2/0/1 1/0/2 2/0/1 0/0/3 0/0/3* 0/0/3* | 105 105 105 120 105 75 M-11. Do 105 105 105 105 105 | E | | al module | ė | | | 5 | 5 | 6 | 5 | 4. |
|--|--|---|--|--|--|--|--|--|--|-----------------|--|--|--|---|--|-----------|
| ironment aterials in re terior equipment sign cs tals of urban ironment ironment ironment design gy architecture design Il Design II Design III Design VII Design VIII | BD, KV BD, KV BD, KV BD, KV BD, KV BD, VK BD, VK PD, VK | 5 | 150 150 150 150 150 150 150 150 150 150 | 2/0/1 0/0/3 1/0/2 2/0/1 2/0/1 2/0/1 1/0/2 2/0/1 0/0/3 0/0/3* 0/0/3* | 105 105 120 105 75 M-11. D5 105 105 105 105 | E E E E E E E E E | orepara | | e | | | 5 | 5 | 6 | | 4 |
| re terior equipment sign cs stals of urban irronment trompent sign architecture design all practice TLING DISCIPI design II Design III Design III Design VI Design VIII Design VIII Design VIII uate project | BD, KV BD, KV BD, KV BD, KV BD, VK BD, VK PD, VK | 5 | 150 180 150 120 150 150 150 150 150 150 | 0/0/3 1/0/2 2/0/1 2/0/1 2/0/1 2/0/1 1/0/2 2/0/1 1/0/3 0/0/3 0/0/3 0/0/3 0/0/3 0/0/3 0/0/3* | 105 120 105 105 75 M-11. Do 105 105 105 105 | E E E Esign p | prepara | | e | | | .5 | 5 | 6 | 3 | 4 |
| sign cs tals of urban ironment in design gy architecture design al practice TILING DISCIPI design II Design III Design IV Design VI Design VII Design VIII Design VIIII Design VIII Design VIIII Design VIIII Design VIIII Design VIIII Design VIII Design VIIII Design VIIII Design VIIII Design VIIII Design VIII Design VIIII Design VIIII Design VIIII Design VIIII Design VIII Design VIIII Design VIIII Design VIIII Design VIIII Design VIII Design VIIII Design VIIII Design VIIII Design VIIII Design VIII Design VIIII Design VIIII Design VIIII Design VIIII Design VIII Design VIIII Design VIIII Design VIIII Design VIIII Design VIII Design VIIII Design VIIII Design VIIII Design VIIII Design VIII Design VIIII Design VIIII Design VIIII Design VIIII Design VIII Design VIIII Design VIIII Design VIIII Design VIIII Design VIII Design VIIII Design VIIII Design VIIII Design VIIII Design VIII Design VIIII Design VIIII Design VIIII Design VIIII Design VIII Design VIIII Design VIIII Design VIIII Design VIIII Design VIII Design VIIII Design VIIII Design VIIII | BD, KV BD, KV BD, VK BD, VK LINES (PD PD, VK | 6 5 4 2 2 2 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 150 120 150 150 150 150 150 150 150 150 | 1/0/2 2/0/1 2/0/1 2/0/1 2/0/1 1/0/2 2/0/1 0/0/3 0/0/3 0/0/3* 0/0/3* | 105 120 105 105 75 M-11. Do 105 105 105 105 | E | prepara | | Ē | | | , | 5 | 6 | 3 | 4. |
| cs tals of urban ironment iron | BD, KV BD, KV BD, VK BD, VK LINES (PD PD, VK | 6 5 4 2 2 2 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 150 120 150 150 150 150 150 150 150 150 | 2/0/1 2/0/1 2/0/1 1/0/2 2/0/1 0/0/3 0/0/3 0/0/3 0/0/3 0/0/3 0/0/3 0/0/3 0/0/3 | 120 105 - 75 M-11. Do 105 105 105 | E | prepara | | Ē | | | | 5 | 6 | 3 | 4 |
| tals of urban ironment In design gy architecture design al practice TLING DISCIPI design II Design III Design IV Design VI Design VIII Design VIII uate project | BD, KV BD, KV BD, VK BD, VK LINES (PD PD, VK | 6 5 4 2 2 2 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 150 120 150 150 150 150 150 150 150 150 | 2/0/1 2/0/1 1/0/2 2/0/1 1/0/2 2/0/1 0/0/3 0/0/3 0/0/3 0/0/3 0/0/3 0/0/3 0/0/3 | 120 105 - 75 M-11. Do 105 105 105 | E | orepara | | | | | | 5 | 6 | 3 | 4 |
| ironment In design BY architecture design al practice TLING DISCIPI design I Design II Design III Design IV Design VI Design VIII Design VIII uate project | BD KV BD, VK BD, VK LINES (PD PD, VK | 5 4 2 2 2 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 150 120 150 150 150 150 150 150 150 | 2/0/1 1/0/2 2/0/1 0/0/3 0/0/3* 0/0/3* 0/0/3* 0/0/3* | M-11. Do 105 105 105 105 105 | E | orepara | | ė. | | | | | 6 | 3 | 4 |
| n design graphitecture design al practice TILING DISCIPI design I Design II Design IV Design VI Design VII Design VIII | BD KV BD, VK BD, VK LINES (PD PD, VK | 5 4 2 2 2 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 150 120 150 150 150 150 150 150 150 | 1/0/2 2/0/1 0/0/3 0/0/3* 0/0/3* 0/0/3* 0/0/3* 0/0/3* | M-11. Do 105 105 105 105 105 | E | orepara | | • | | | | | 6 | 5 | 4 |
| gy architecture design al practice ILING DISCIPI design II Design III Design III Design IV Design VI Design VI Design VIII Design VIII Design VIII uate project | BD, KV BD, VK LINES (PD PD, VK | 5 5 5 5 5 5 5 | 150 150 150 150 150 150 150 150 | 2/0/1 0/0/3 0/0/3 0/0/3* 0/0/3* 0/0/3* 0/0/3* 0/0/3* | M-11. Do 105 105 105 105 | E | orepara | | ė. | | | | | | 5 | 4 |
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| design I Design II Design III Design IV Design V Design VI Design VI Design VIII Design VIIII uate project | PD, VK | 5 5 5 5 5 5 5 5 5 | 150 150 150 150 150 150 | 0/0/3* 0/0/3* 0/0/3* 0/0/3* 0/0/3* | 105 105 105 105 | E | repara | ition module | • | | | | | - | | |
| Design II Design III Design IV Design V Design VI Design VII Design VIII Design VIII uate popject | PD, VK | 5 5 5 5 5 5 | 150 150 150 150 150 150 | 0/0/3* 0/0/3* 0/0/3* 0/0/3* 0/0/3* | 105 105 105 105 | E | repara | ition module | | | | | | | | |
| Design II Design III Design IV Design V Design VI Design VII Design VIII Design VIII uate popject | PD, VK | 5 5 5 5 5 5 | 150 150 150 150 150 150 | 0/0/3* 0/0/3* 0/0/3* 0/0/3* 0/0/3* | 105 105 105 105 | E | | | | | | | | | | |
| Design III Design IV Design V Design VI Design VIII Design VIII uatte project | PD, VK | 5 5 5 5 5 | 150 150 150 150 150 | 0/0/3* 0/0/3* 0/0/3* 0/0/3* | 105 105 | | | | | | 5 | | | | 10000 | |
| Design IV Design V Design VI Design VII Design VIII uate project | PD, VK PD, VK PD, VK PD, VK PD, VK PD, VK | 5 5 5 5 5 | 150 150 150 150 | 0/0/3* 0/0/3* 0/0/3* | 105 | E | | | | 10 5 44 10 | 5 | | | | | |
| Design V Design VI Design VII Design VIII uate project | PD, VK PD, VK PD, VK PD, VK PD, KV | 5 5 5 5 | 150 150 150 | 0/0/3* | | | | | | | | 5 | | | | |
| Design VII Design VIII Design VIII uate project | PD, VK PD, VK PD, VK PD, KV | 5 5 5 | 150 150 | 0/0/3* | | E | | | | | 177 | - 5 | | | - | |
| Design VII Design VIII uate project | PD, VK PD, VK PD, KV | 5 | 150 | | 105 | E | | | | 1 | 1 | 3 | 5 | | | - |
| Design VIII uate project | PD, VK PD, KV | 5 | | | 105 | E | | | | 1 | | | 5 | | | |
| uate project | PD, KV | | 150 | 0/0/3* | 105 | E | | | | | | | | 5 | | |
| | | | | 0/0/3* | 105 | E | | | | | - | - | | 5 | | |
| was a set of | | | 150 | 0/0/3 | 105 | E | | | - | | | | | 3 | - | |
| roject i analysis | | | | 0/0/3 | 7222 | | | | | | | | | | | 5 |
| roject il | PD, KV | 5 | 150 | 0/0/3 | 105 | E | | | | | | | | | | -5" |
| of sustainable | PD. KV | 5 | 150 | 2/0/1 | 105 | E | | | | T 17 10 10 | 1 200 | | | - | - | - |
| cient design | 1.404.35.7 | J. | 130 | 1/0/2 | 103 | I. | | | | | | | | | 5 | |
| on documentation organization of es | PD, KV | 5 | 150 | 0/0/3 | 105 | E | | | | | | | | | 5 | |
| es | | | | | | | | | | and the same | | | | | | |
| W | Total Ward | | 11000 | | | | ining n | nodule | | | | | | V | | |
| IM technologies julatory and legal | PD, VK | . 5 | 150 | 0/0/3* | 105 | E | | | | | | | | | 5 | |
| rchitecture and | PD, VK | 4 | 120 | 2/0/1* | 75 | Е | | | | | | | | | | 4 |
| gy for designing | PD, VK | 4 | 120 | 1/0/2** | 75 | E | | | | | - | | | | | -4 |
| architecture | | - | 1772 | 1/0/2 | - 10 | | | | | 7 10 | | | | | | -4 |
| out of landscape | PD, KV | 4 | 120 | 2/0/1 | 75 | Е | | | | | | 4 | | | | |
| of urban spaces | | | | 2/0/1 | | | | | - | | 7 7 | | | | | |
| for recreational | PD, KV | 5 | 150 | 0/0/3 | 105 | Е | | | | | | | 5 | | | |
| tion and ion of buildings | PD, KV | 6 | 180 | 2/0/1 | 120 | E | | | | | | | | 6 | | |
| xes | | | | 2/0/1 | | | | | | | | | | ý | | |
| of architectural | PD, VK | 2 | | | | | | | | 2 | ř · | | | | | |
| of architectural | | | | | | | | | | 77.1 | | 2 | | | | |
| of architectural practice I practice II | DID STO | 2 | 1 | | | | | | | | | 735 | | 2 | | |
| of architectural | ED'AV | | | | M-13. F | inal as | sessmei | nt module | | | | | | | | |
| of architectural practice I practice II practice III | | 0 | | | | | | | | | Darings, | | | | | 8 |
| of architectural practice I practice II | IA | 0 | | M-14 | . Module | of add | itional | types of tra | ining | | | | | | 7 | |
| of architectural practice 1 practice II practice III nation | IA | | | | | | | | | | 13 17 | | | | | |
| of architectural practice 1 practice II practice III nation | | 0 | | | | | | | | | | | 4.0 | 20 | 30 | 30 |
| t | on and on of buildings xes of architectural practice 1 | on of buildings ves PD, KV of architectural practice I PD, VK practice II PD, VK practice III PD, VK | Department Dep | Description and Description and | 0/0/3 0/0/ | O/O/3 O/O/ | 0/0/3 0/0/ | O/O/3 O/O/ | O/O/3 O/O/ | 0/0/3 120 E | O/O/3 D/O O O/O/3 D/O D/ | 0/0/3 17 120 E 1 | 0/0/3 0/0/ | 0/0/3 17 18 18 19 18 18 18 19 18 18 | O/O/3 O/O/ | 0/0/3 1 |

| | Number of | credits for the entire | period | of study | | | | | |
|------------|-------------------------|------------------------|-------------------|---------------------------------|-----------------------------|-------|--|--|--|
| | | | | Loans | | | | | |
| Cycle code | Cycles of d | sciplines | component (OK) | university component (VC) | component of choice (CV) | Total | | | |
| OOD | Cycle of general educa | tion disciplines | 51 | 5 | | 56 | | | |
| DB | Cycle of basic discipli | nes | | 66 | 76 | | | | |
| PD | Cycle of major discipl | nes | | 59 | 35 | 236 | | | |
| | | eoretical training: | 51 | 130 | 111 | 292 | | | |
| - IA | final examination | | 8 | | | 8 | | | |
| | | TOTAL: | 59 | 130 | 111 | 300 | | | |

The decision of the Academic Council of KazNITU named after. K. Satpaeva. Minutes No. 5 dated November 24, 2022

The decision of the Educational and Methodological Council of KazNITU named after, K. Satpaeva, Minutes No. 3 dated November 17, 2022

Decision of the Academic Council of the Institute______. Protocol No 2 dated " H " 10 20 22

Vice-Rector for Academic Affairs

Director of the Institute of A&S them. T.1

Head of the Department "Architecture"

Chairman of the Council from

Zhautikov B.A.

Kuspangaliyev B.U.

Sultanova K.R.

Mametov A.A.