

MA IN ARCHITECTURE (Taught in Bulgarian)

Brief presentation of the program:

The program prepares qualified professionals in research and the design of buildings and facilities, urban development, interior design and architecture.

The program provides knowledge, practical skills and competencies necessary for professional qualification "architect" and is consistent with the uniform state requirements for acquiring higher education in the program "architecture" of the degree Master with "professional qualification "architect" (State Gazette. No. 49, iss. 27.05.2003).

In the first and second year of study in parallel with lecture auditorium and training courses, the program covers general requirements for knowledge and skills in Bulgarian language, computers, sports, arts, foreign language.

The program combines theoretical and practical courses in urbanism, territorial and landscape planning, architecture of buildings and complexes and architectural and urban heritage. Training must cover the auditorium lectures in architecture of the city, residential, public and industrial buildings and complexes, interior design and architecture, contemporary materials and technologies in architecture theory and history of architecture, urban planning, art, background reconstruction, park arrangement and landscaping, engineering and technical courses, mathematics and informatics, courses in the humanities, social, economic and legal sciences and exercises in each of the courses. There are also optional auditorium lecture courses, including management in architecture and art, sociology of the city, architectural photography, public works and architectural competitions, energy efficient architecture and others.

Extracurricular learning modes include projects, individual work and practice - site visits and architectural office visits. From the 10th semester students choose one of three areas of specialization:

- Urbanization, territorial and landscape planning;
- Architecture of buildings and complexes;
- Architectural and urban heritage.

The training is six years and includes a mandatory practice state theoretical and practical examination - design examination and thesis.

Major and qualification:

Specialization: urbanization, territorial and landscape planning

Major: Architecture

Qualification: architect

Specialization: Architecture of buildings and complexes

Major: Architecture

Qualification: architect

Specialization: Architectural and Urban Heritage

Major: Architecture

Qualification: architect

First year, First Semester

Basic courses

ARCM001 Descriptive Geometry Part I, 30h, 3 ECTS

ARCM003 Representational Means, 30h, 3 ECTS

ARCM093 Art History, 30h, 3 ECTS

Practical non-credit courses

ARCM002 Training: Descriptive Geometry Part I, 30h

ARCM004 Training: Representational means, 30h
ARCM005 Training: Architectural Breadboarding, 30h

First year, Second Semester

Basic courses

HACM106 History of Bulgarian art, 30h, 3 ECTS
ARCM006 Architectural Composition, 30h, 3 ECTS
ARCM201 Descriptive Geometry Part II, 30h, 3 ECTS

Practical non-credit courses

ARCM007 Training: Architectural Composition, 30h
ARCM008 Training: Drawing, 30h
ARCM202 Training: Descriptive Geometry Part II, 30h

Second Year, Third Semester

Basic courses

ARCM009 Introduction to the theory and practice of architecture Part I, 30h, 3 ECTS
ARCM011 Architectural Studio - Architecture of the city Part I, 30h, 3 ECTS
ARCM013 Contemporary Architecture Part I, 30h, 3 ECTS
ARCM015 Building Construction, 30h, 3 ECTS
ARCM017 Informatics in Architecture and Urban planning Part I, 30h, 3 ECTS
ARCM018 Basics of structural mechanics Part I, 30h, 3 ECTS

Practical non-credit courses

ARCM010 Training: Introduction to the theory and practice of architecture Part I, 30h
ARCM012 Training: Architectural Studio - Architecture of the city Part I, 30h
ARCM014 Training: Contemporary Architecture Part I, 30h
ARCM016 Training: Building Construction, 30h
ARCM208 Drawing. Interior and Exterior, 30h

Second Year, Fourth Semester

Basic courses

ARCM019 Residential buildings and complexes Part I, 30h, 3 ECTS
ARCM209 Introduction to the theory and practice of architecture, Part II, 30h, 3 ECTS
ARCM211 Architectural Studio - Architecture of the City Part II, 30h, 3 ECTS
ARCM213 Contemporary Architecture Part II, 30h, 3 ECTS
ARCM217 Informatics in Architecture and Urban planning Part II, 30h, 3 ECTS
ARCM218 Basics of structural mechanics Part II, 30h, 3 ECTS

Practical non-credit courses

ARCM020 Training: Residential buildings and complexes Part I, 30h
ARCM210 Training: Introduction to the theory and practice of architecture, Part II, 30h
ARCM212 Training: Architectural Studio - Architecture of the City Part II, 30h
ARCM214 Training: Contemporary Architecture Part II, 30h

Third year, Fifth Semester

Basic courses

ARCM021 Architectural constructions Part I, 30h, 3 ECTS
ARCM023 Urban Planning Part I, 30h, 3 ECTS
ARCM025 Geodesy, 30h, 3 ECTS
ARCM027 The Art of construction (reinforced concrete) Part I, 30h, 3 ECTS
ARCM029 Interior: History and introduction to the Theory Part I, 30h, 3 ECTS

ARCM219 Residential buildings and complexes Part II, 30h, 3 ECTS

Practical non-credit courses

ARCM022 Training: Architectural constructions Part I, 30h

ARCM024 Training: Urban Planning Part I, 30h

ARCM026 Training: Geodesy, 30h

ARCM028 Training: The Art of construction (reinforced concrete) Part I, 30h

ARCM094 Training: Architecture of ancient times, 30h

ARCM220 Training: Residential buildings and complexes Part II, 30h

Extracurricular credit courses

ARCM321 Project: Architectural constructions Part I, 30h, 3 ECTS

ARCM323 Project: Urban Planning Part I, 30h, 3 ECTS

ARCM327 Individual course work: The Art of construction (reinforced concrete) Part I, 30h, 3 ECTS

ARCM419 Project: Residential buildings and complexes Part II, 30h, 3 ECTS

Third year, Sixth Semester

Basic courses

ARCM031 Public buildings and complexes Part I , 30h, 3 ECTS

ARCM095 Architecture of Byzantine and Romanika and Gothic , 30h, 3 ECTS

ARCM221 Architectural Constructions Part II, 30h, 3 ECTS

ARCM223 Urban Planning Part II, 30h, 3 ECTS

ARCM227 The Art of constructions (steel and wooden structures) Part II, 30h, 3 ECTS

ARCM229 Interior: history and introduction to the theory II, 30h, 3 ECTS

Practical non-credit courses

ARCM032 Training: Public buildings and complexes Part I, 60h

ARCM203 The art of architecture throughout the centuries, 30h

ARCM222 Training: Architectural constructions Part II, 45h

ARCM224 Training: Urban Planning Part II, 45h

ARCM228 Training: The Art of constructions (Steel and wooden structures) Part II, 30h

Extracurricular credit courses

ARCM331 Project: Public buildings and complexes Part I, 30h, 3 ECTS

ARCM421 Project: Architectural Structures Part II, 30h, 3 ECTS

ARCM423 Practice (site visit) Urban Planning Part II, 30h, 3 ECTS

ARCM427 Individual course work: The Art of constructions (Steel and wooden structures) Part II, 30h, 3 ECTS

Fourth year, Seventh Semester

Basic courses

ARCM035 Landscape Architecture, 30h, 3 ECTS

ARCM037 Industrial Buildings and Complexes Part I, 30h, 3 ECTS

ARCM039 Interior and Design for Architectural Part I, 30h, 3 ECTS

ARCM041 Architecture and historical context, 30h, 3 ECTS

ARCM043 History of Architecture XV-XVIII century, 30h, 3 ECTS

ARCM231 Public buildings and complexes Part II, 30h, 3 ECTS

Practical non-credit courses

ARCM036 Training: Landscape Architecture, 30h

ARCM038 Training: Industrial Buildings Part I, 30h

ARCM040 Training: Interior and Design for Architectural Part I, 30h

ARCM042 Training: Architecture and historical context, 30h
ARCM045 Training: Modeling, 30h
ARCM232 Training: Public buildings and complexes Part II, 60h

Extracurricular credit courses

ARCM335 Project: Landscape Architecture, 30h, 3 ECTS
ARCM337 Project: Industrial complexes Part I, 30h, 3 ECTS
ARCM341 Project: Architecture and historical context, 30h, 3 ECTS
ARCM431 Project: Public buildings and complexes Part II, 30h, 3 ECTS

Fourth year, Eighth Semester

Basic courses

ARCM046 Holiday architecture (in mountain, seaside, spa resorts) , 30h, 3 ECTS
ARCM048 Preservation of Architectural Heritage, 30h, 3 ECTS
ARCM050 History of Bulgarian architecture, 30h, 3 ECTS
ARCM051 Building installations, 30h, 3 ECTS
ARCM237 Industrial Buildings and Complexes Part II, 30h, 3 ECTS
ARCM239 Interior and Design for Architectural Part II, 30h, 3 ECTS

Practical non-credit courses

ARCM047 Training: Holiday architecture, 60h
ARCM049 Training: Preservation of Architectural Heritage, 30h
ARCM052 Training: Architecture for disabled, 30h
ARCM238 Training: Industrial Buildings and Complexes Part II, 60h
ARCM240 Training: Interior and Design for Architectural Part II, 30h

Extracurricular credit courses

ARCM346 Project: Holiday architecture (in mountain, seaside, spa resorts) , 30h, 3 ECTS
ARCM348 Project: Preservation of Architectural Heritage, 30h, 3 ECTS
ARCM437 Project: Industrial Buildings and Complexes Part II, 30h, 3 ECTS
ARCM439 Project: Interior and Design for Architectural Part II, 30h, 3 ECTS

Fifth year, Ninth Semester

Basic courses

ARCM062 Legal and regulatory framework in architecture and urban planning, 30h, 3 ECTS
ARCM063 Colour in architecture, 30h, 3 ECTS
ARCM064 Phytodesign, 30h, 3 ECTS
ARCM487 Presence of artistic glass in architecture. History and Modernity, 30h, 3 ECTS
ARCM056 Modern technologies in architecture, 30h, 3 ECTS
ARCM058 Specialized zones - Business Park, 30h, 3 ECTS
ARCM060 Management of investment projects on behalf of the investor, 30h, 3 ECTS
ARCM099 Reconstruction and renovation of public spaces and buildings, 30h, 3 ECTS

Practical non-credit courses

ARCM057 Training: Advanced technologies in architecture, 30h
ARCM059 Training: Specialized areas - Business Park, 30h
ARCM061 Training: Management of investment projects on behalf of the investor, 30h
ARCM100 Training: Reconstruction and renovation of public spaces and buildings, 60h
ARCM204 Housing and living environment, 30h
ARCM486 Specialized modeling and visualization with ArchiCad and ArtLantis Studio, 30h

Extracurricular credit courses

ARCM200 Project: Reconstruction and renovation of public spaces and buildings, 30h, 3 ECTS

ARCM357 Individual work: Modern technologies in architecture, 30h, 3 ECTS

ARCM359 Project: Specialized zones - Business Park, 30h, 3 ECTS

ARCM361 Project: Management of investment projects on behalf of the investor, 30h, 3 ECTS

ARCM362 Individual work: Legal and regulatory framework in architecture and urban planning, 30h, 3 ECTS

ARCM363 Individual course work: colour in architecture, 30h, 3 ECTS

ARCM364 Individual course work: Phytodesign, 30h, 3 ECTS

ARCM587 Individual course work: The presence of artistic glass in architecture. History and Modernity, 30h, 3 ECTS

Fifth year, Tenth Semester - Architecture of Buildings and Complexes

Basic courses

ARCM072 Architectural Photography, 30h, 3 ECTS

ARCM073 Parks and Gardens, 30h, 3 ECTS

ARCM074 Public procurement contracts and related architectural open competitions, 30h, 3 ECTS

ARCM140 Ottoman architecture in the Bulgarian lands and the Balkans, 30h, 3 ECTS

ARCM205 Stimulation and gaming design of architectural objects, 30h, 3 ECTS

ARCM206 Art glass in architecture, 30h, 3 ECTS

ARCM065 Contemporary Urbanism Part I, 30h, 3 ECTS

ARCM067 Architecture of Buildings and Complexes Part I, 30h, 3 ECTS

ARCM069 Reconstruction of buildings and neighborhoods in historic environment Part I, 30h, 3 ECTS

Practical non-credit courses

ARCM068 Training: Pre-Diploma Project I - Architecture of Buildings and Complexes (working phase) , 150h

ARCM075 IT in architecture - Part II, 3D studio maxq ArchiCAD, Artlantis, MaxonForm, 30h

Extracurricular credit courses

ARCM367 Project: Architecture of Buildings and Complexes I, 30h, 3 ECTS

ARCM368 Project: Pre-Diploma Project I - Architecture of buildings and complexes, 30h, 3 ECTS

Fifth year, Eleventh Semester - Architecture of Buildings and Complexes

Basic courses

ARCM078 Modern architecture and architectural critique, 30h, 3 ECTS

ARCM080 Sociology of the city, 30h, 3 ECTS

ARCM083 Pre-Diploma Project II - Architecture of buildings and complexes, 60h, 3 ECTS

ARCM267 Architecture buildings and complexes II, 30h, 3 ECTS

Practical non-credit courses

ARCM084 Training: Pre-Diploma Project II - Architecture of buildings and complexes

Extracurricular credit courses

ARCM082 Practice (architectural office), 30h, 3 ECTS

ARCM383 Project: Pre-Diploma Project II - Architecture of buildings and complexes (phase: conceptual) , 30h, 3 ECTS

ARCM483 Project: Pre-Diploma Project II - Architecture of buildings and complexes (phase: design work), 30h, 3 ECTS

Sixth year, Twelfth Semester - Architecture of Buildings and Complexes

Basic courses

ARCM096 Architecture of buildings and complexes, Diploma Project, 150h, 15 ECTS

Fifth year, Tenth Semester – Architectural and Urban Heritage

Basic courses

ARCM072 Architectural Photography, 30h, 3 ECTS

ARCM073 Parks and Gardens, 30h, 3 ECTS

ARCM074 Public procurement contracts and related architectural open competitions, 30h, 3 ECTS

ARCM140 Ottoman architecture in the Bulgarian lands and the Balkans, 30h, 3 ECTS

ARCM205 Stimulation and gaming design of architectural objects, 30h, 3 ECTS

ARCM206 Art glass in architecture, 30h, 3 ECTS

ARCM065 Contemporary Urbanism Part I, 30h, 3 ECTS

ARCM067 Architecture of Buildings and Complexes Part I, 30h, 3 ECTS

ARCM069 Reconstruction of buildings and neighborhoods in historic environment Part I, 30h, 3 ECTS

Practical non-credit courses

ARCM070 Training: Pre-Diploma Project I - Architectural and Urban Heritage

ARCM075 IT in architecture - part II, 3D studio maxq ArchiCAD, Artlantis, MaxonForm, 150h

Extracurricular credit courses

ARCM369 Project: Reconstruction of buildings and neighborhoods in historic environment Part I, 30h, 3 ECTS

ARCM370 Project: Pre-Diploma Project I - Architectural and Urban Heritage, 120h, 12 ECTS

Fifth year, Eleventh Semester – Architectural and Urban Heritage

Basic courses

ARCM078 Modern architecture and architectural critique, 30h, 3 ECTS

ARCM080 Sociology of the city, 30h, 3 ECTS

ARCM085 Pre-Diploma Project II - Architectural and Urban Heritage, 60h, 3 ECTS

ARCM269 Reconstruction of buildings and neighborhoods in historic environment Part II, 30h, 3 ECTS

Practical non-credit courses

ARCM086 Training to Pre-Diploma Project II - Architecture and Urban Heritage, 120 h

Extracurricular credit courses

ARCM082 Practice (architectural office), 30h, 3 ECTS

ARCM385 Project: Pre-Diploma Project II - Architectural and Urban Heritage (phase: conceptual), 60h, 3 ECTS

ARCM485 Project: Diploma Project II - Architectural and Urban Heritage (phase: working project), 60h, 3 ECTS

Sixth year, Twelfth Semester – Architectural and Urban Heritage

ARCM097 Architectural and Urban Heritage Diploma Project, 150h, 15 ECTS

Fifth year, Tenth Semester – Urbanization, territorial and landscape planning

Basic courses

ARCM072 Architectural Photography, 30h, 3 ECTS

ARCM073 Parks and Gardens, 30h, 3 ECTS

ARCM074 Public procurement contracts and related architectural open competitions, 30h, 3 ECTS

ARCM140 Ottoman architecture in the Bulgarian lands and the Balkans, 30h, 3 ECTS

ARCM205 Stimulation and gaming design of architectural objects, 30h, 3 ECTS

ARCM206 Art glass in architecture, 30h, 3 ECTS

ARCM065 Contemporary Urbanism Part I, 30h, 3 ECTS

ARCM067 Architecture of Buildings and Complexes Part I, 30h, 3 ECTS

ARCM069 Reconstruction of buildings and neighborhoods in historic environment Part I, 30h, 3 ECTS

Practical non-credit courses

ARCM068 Training: Pre-Diploma Project I - Architecture of Buildings and Complexes (working phase) , 150h

ARCM075 IT in architecture - Part II, 3D studio maxq ArchiCAD, Artlantis, MaxonForm, 30h

Extracurricular credit courses

ARCM066 Training: Pre-Diploma Project I– Urbanization, territorial and landscape planning, 30h, 3 ECTS

ARCM368 Project: Pre-Diploma Project I - Architecture of buildings and complexes, 30h, 3 ECTS

Fifth year, Eleventh Semester – Urbanization, territorial and landscape planning

ARCM076 Pre-Diploma Project II - Urbanization, territorial and landscape planning, 60h, 6 ECTS

ARCM078 Modern architecture and architectural critique, 30h, 3 ECTS

ARCM080 Sociology of the city, 30h, 3 ECTS

ARCM265 Contemporary Urbanism II, 30h, 3 ECTS

ARCM077 Training: Pre-Diploma Project II - Urbanization, territorial and landscape planning, 120 h

Extracurricular credit courses

ARCM082 Practice (architectural office), 30h, 3 ECTS

ARCM376 Project: Pre-Diploma Project II - Urbanization, territorial and landscape planning (phase: a preliminary project), 60h, 6 ECTS

ARCM476 Project: Pre-Diploma Project II - Urbanization, territorial and landscape planning (phase: final draft) , 60h, 6 ECTS

Sixth year, Twelfth Semester – Urbanization, territorial and landscape planning

ARCM098 Urbanization, territorial and landscape planning, 150h, 15 ECTS