## PROGRAMS OFFERED

- Bachelor of Architecture
- Master of Architecture

## MISSION STATEMENT

The Department's mission is to meet the demands of the diversified & complex society by promoting a well-balanced and comprehensive architectural education system. The department encourages critical thinking to foster pursuit of knowledge and technological skills that would result in the development of original ideas for achieving sustainability in the built environment.

# DEPARTMENT OF ARCHITECTURE

# Message From The Head Of Department

The Department of Architecture at CECOS University is recognized as one of the country's leading architecture schools. We are committed to academic excellence and to preparing students for successful careers in a rapidly evolving field. Our five-year Bachelor of Architecture program is designed to provide students with the technical knowledge, creative skills, and design vision essential for professional success. With a highly qualified faculty and a curriculum that blends foundational principles with advanced architectural practices, students are encouraged to think critically, solve real-world problems, and develop their unique design identity. We look forward to helping you shape the future of architecture.

## Ar. Adnan Ahmad Khan
M.Sc Const. & PM (Queen's University, UK)

**Ar. Adnan Ahmad Khan**
Associate Professor/HOD
M.Sc Construction & Project Management (Queen's University Belfast UK)
M.SC Urban & Regional Planning
Bachelor of Architecture (NCA- Lahore)

**Ar. Sehrish Ghani**
Assistant Professor / Coordinator Academics
B. Architecture (UET Peshawar)
M. Architecture CECOS University

**Ar. Salim Ullah**
Assistant Professor
B. Architecture (Mehran University of Engineering & Tech Sindh)
M. Architecture CECOS University

**Ar. Farhat Chishti**
Assistant Professor
B. Architecture (CECOS University, Peshawar)
M. Architecture (CECOS University, Peshawar)

**Ar. Majid Khan**
Assistant Professor
B. Architecture (NCA Lahore)
M. Architecture CECOS University

**Ar. Nosheed Ullah Shah**
Lecturer
B. Architecture (NCA Lahore)
M. Architecture CECOS University

**Ar. Attique Ur Rehman**
Assistant Professor / Exam Coordinator
B. Architecture (CECOS)
M. Architecture (BAHCESEHIR University)

**Ar. Naeem Ullah**
Assistant Professor
B. Architecture (UET Peshawar)
M.Sc UIPM (UET Peshawar)

**Ar. Muhammad Tariq**
Assistant Professor
B. Architecture (UET Peshawar)
Masters in "Urban Climate & Sustainability" on Erasmus Mundus Joint Masters

**Ar. Awais Saeed Agha**
Assistant Professor
B. Architecture (CECOS)
M. Urban Design (The University of Sydney)
M. Architectural Science (The University of Sydney)

**Ar. Arshad Jabbar**
Lecturer
Master in Fine Arts (University of Peshawar)

**Ms. Sana Arshad**
Lecturer
Master in Fine Arts (University of Peshawar)

# FACULTY MEMBERS OF
# ARCHITECTURE



*Hunar*

- A Signature Event is organised by the Department of Architecture every year.

# CURRICULUM OF BACHELOR OF ARCHITECTURE

## Semester-I

| Course Code | Course Title | Credit Hours |
|---|---|---|
| AR121 | Basic Design-I | 6 (1,5)11 |
| AR134 | Visual Communication-I | 2 (1,1)3 |
| AR111 | History of Architecture-I | 2 (2,0)2 |
| AR110 | Introduction to Architecture | 2 (2,0)2 |
| SS101 | Islamic Studies | 2 (2,0)2 |
| AR196 | Mathematics for Architects-I (Quantitative Reasoning) | 2 (2,0)2 |
| ENG105 | English-I (Functional English) | 2 (2,0)2 |
| SS-113 | Understanding of Holy Quran | 1(0,1)1 |
| **Total Credit Hours** | | 19 (12,7)25 |

## Semester-II

| Course Code | Course Title | Credit Hours |
|---|---|---|
| AR122 | Basic Design-II (Prerequisite) | 6 (1,5)11 |
| AR135 | Visual Communication-II | 2 (1,1)3 |
| AR112 | History of Architecture-II | 2 (2,0)2 |
| AR141 | Materials and Construction-I | 2 (1,1)3 |
| SS102 | Pakistan Studies | 2 (2,0)2 |
| AR197 | Mathematics for Architects-II (Quantitative Reasoning) | 2 (2,0)2 |
| ENG106 | English-II (Communication Skills) | 2 (2,0)2 |
| SS-114 | Understanding of Holy Quran-II | 1(0,1)1 |
| **Total Credit Hours** | | 19 (11,8)26 |

## Semester-III

| Course Code | Course Title | Credit Hours |
|---|---|---|
| AR223 | Architectural Design I (Prerequisite) | 6 (1,5)11 |
| AR236 | Visual Communication-III | 2 (1,1)3 |
| AR213 | History of Architecture-III | 2 (2,0)2 |
| AR242 | Materials and Construction-II | 2 (1,1)3 |
| AR151 | Energy and Environment-I | 2 (2,0)2 |
| AR271 | Structures for Architects-I | 2 (2,0)2 |
| CS110 | Applications of information, communication &Technologies | 3 (2,1)3 |
| **Total Credit Hours** | | 19 (11,8)26 |

## Semester-IV

| Course Code | Course Title | Credit Hours |
|---|---|---|
| AR224 | Architectural Design-II (Prerequisite) | 6 (1,5)11 |
| AR214 | History of Architecture-IV | 2 (2,0)2 |
| AR243 | Materials and Construction-III | 2 (1,1)3 |
| AR231 | Digital Tools for Architects-I | 2 (0,2)4 |
| AR275 | Surveying & Levelling | 2 (2,0)2 |
| AR252 | Energy and Environment-II | 2 (2,0)2 |
| AR272 | Structures for Architects-II | 2 (2,0)2 |
| **Total Credit Hours** | | 18 (10,8)26 |

## Semester-V

| Course Code | Course Title | Credit Hours |
|---|---|---|
| AR325 | Architectural Design-III (Prerequisite) | 6 (1,5)11 |
| AR344 | Materials and Construction-IV | 2 (1,1)3 |
| AR317 | Theory of Architecture-I | 2 (2,0)2 |
| AR353 | Sustainable Design | 2 (2,0)2 |
| AR332 | Digital Tools for Architects-II | 2 (0,2)4 |
| AR373 | Building Services and System-I | 2 (1,1)3 |
| AR357 | Responsive Architecture | 2 (2,0)2 |
| **Total Credit Hours** | | 18 (9,09)27 |

## Semester-VI

| Course Code | Course Title | Credit Hours |
|---|---|---|
| AR326 | Architectural Design-IV(Prerequisite) | 8 (1,7)15 |
| AR318 | Theory of Architecture-II | 2 (2,0)2 |
| AR310 | Architecture in Pakistan | 2 (2,0)2 |
| AR319 | Vernacular Architecture | 2 (2,0)2 |
| AR333 | Advanced Computer application for architects | 2 (2,0)2 |
| AR374 | Building Services and System-II | 2 (1,1)3 |
| **Total Credit Hours** | | 18 (10,8)26 |

## Semester-VII

| Course Code | Course Title | Credit Hours |
|---|---|---|
| AR427 | Architectural Design-V(Prerequisite) | 8 (1,7)15 |
| AR461 | Urban Design-I | 2 (2,0)2 |
| AR454 | Design for Disaster Risk | 2 (2,0)2 |
| AR437 | Interior Design | 3 (3,0)3 |
| AR445 | Heritage & Conservation | 2 (2,0)2 |
| AR475 | Building Services and System-III | 2 (1,1)3 |
| **Total Credit Hours** | | 19(11,8)27 |

## Semester-VIII

| Course Code | Course Title | Credit Hours |
|---|---|---|
| AR428 | Architectural Design-VI(Prerequisite) | 8 (1,7)15 |
| AR462 | Urban Design-II | 3 (3,0)3 |
| AR481 | Architectural Research Methods | 2 (2,0)2 |
| AR463 | Landscape architecture | 2 (2,0)2 |
| AR476 | Specification & Quantity Survey | 2 (2,0)2 |
| AR456 | Universal Design Accessibility | 2 (2,0)2 |
| **Total Credit Hours** | | 19 (12,7)26 |

## Semester-IX

| Course Code | Course Title | Credit Hours |
|---|---|---|
| AR529 | Thesis Design-I (Prerequisite) | 4 (1,3)7 |
| ENG501 | English - III | 2 (2,0)2 |
| AR583 | Professional Practice | 2 (2,0)2 |
| AR521 | Focus Studio | 8 (1,7)15 |
| AR564 | Geographic information system(GIS) | 2 (2,0)2 |
| **Total Credit Hours** | | 18 (8,10)27 |

## Semester-X

| Course Code | Course Title | Credit Hours |
|---|---|---|
| AR520 | Thesis Design-II (Prerequisite) | 8 (1,7)15 |
| AR582 | Marketing & Entrepreneurship for Architects | 2 (2,0)2 |
| AR584 | Contract management | 2 (2,0)2 |
| AR534 | Generative AI | 3 (1,2)3 |
| **Total Credit Hours** | | 15 (6,9)22 |

**Total Credit Hours = 182**

**Fact File**
**Duration:** Five Years
**Eligibility:** Minimum 60% marks in Intermediate or equivalent.
Passing aptitude and drawing test of CECOS.

# ARCHITECTURE STUDIOS

Studios where architects endorse creativity and turn ideas into reality.

# MASTER OF ARCHITECTURE

This degree program is of a 2 year duration and comprises of four 16-18 week semesters. Total credit hours for the program are 40 (i.e., 33 credit hours of coursework plus 7 credit hours of thesis and research in case of MS by research Plan-A).

In Year-II, selected students will embark on a thesis project (i.e. on basis of their CGPA, as well as synopsis defence); others will have to opt for the non-thesis track (i.e. all 40 credit hours derived from coursework Plan B). Students with unsatisfactory performance in their thesis research will be shifted to the non-thesis track.

## SCHEME OF STUDIES

MS Students must accumulate the required 40 credit hours as per the following distribution:

### Plan-A (MASTER OF ARCHITECTURE )

| Category | Credit Hours |
|---|---|
| Core Subjects | 12 |
| Elective Subjects | 21 |
| Thesis | 07 |
| Total Credit Hours | 40 |

### Plan-B (MASTER OF ARCHITECTURE )

| Category | Credit Hours |
|---|---|
| Core Subjects | 12 |
| Elective Subjects | 21 |
| Additional Subjects | 07 |
| Total Credit Hours | 40 |

## MASTER OF ARCHITECTURE

### Stream-1 (Urban Design Courses)

| Course Code | Subject | Credit Hours |
|---|---|---|
| Arch-627 | History and Theory of Urban Design | 3 |
| Arch-628 | Built Form and Regulation | 3 |
| Arch-629 | Experimental Urban Works | 3 |
| Arch-630 | Urban Conservation | 3 |
| Arch-631 | Urban Ecology and Sociology | 3 |
| Arch-632 | Urban Form Study | 3 |
| Arch-633 | Urban Economics | 3 |
| Arch-634 | Urban Management Systems | 3 |
| Arch-635 | Neighbourhood Revitalisation | 3 |
| Arch-604 | Interaction of Social & Built Environment | 3 |
| Arch-614 | Urban Design | 3 |

### Stream-2 (Sustainable Design Theory & Orientation)

| Course Code | Subject | Credit Hours |
|---|---|---|
| Arch-636 | Sustainable Design Theory & Orientation | 3 |
| Arch-637 | Sustainable Design Case Studies | 3 |
| Arch-638 | Sustainability Management | 3 |
| Arch-615 | Energy Efficient Architecture | 3 |
| Arch-626 | Energy Efficient Building Design | 3 |
| Arch-626 | Sustainable Development | 3 |

### Stream-3 (Conservation Studies Courses)

| Course Code | Subject | Credit Hours |
|---|---|---|
| Arch-639 | Architectural Conservation | 3 |
| Arch-640 | Case Studies in Conservation | 3 |
| Arch-603 | Architectural Heritage | 3 |
| Arch-613 | Conservation & Preservation of Architectural Heritage | 3 |

### Stream-4 (Theory History & Criticism Courses)

| Course Code | Subject | Credit Hours |
|---|---|---|
| Arch-641 | Meaning in the Built Environment | 3 |
| Arch-642 | Contemporary Architectural Historiography | 3 |
| Arch-643 | Mapping Methodologies and Strategies | 3 |
| Arch-644 | Case Studies in Architectural Analysis | 3 |

### Stream-5 (Architectural Graphics & Visualisation Courses)

| Course Code | Subject | Credit Hours |
|---|---|---|
| Arch-645 | Parametric Design and Fabrication | 3 |
| Arch-646 | Architectural Construction and Industrialization | 3 |
| Arch-647 | Design Value and Architecture | 3 |
| Arch-648 | Advanced Presentation and Visualization Techniques | 3 |
| Arch-618 | Architectural Technology | 3 |

### Stream-6 (Architectural Project Management Courses)

| Course Code | Subject | Credit Hours |
|---|---|---|
| Arch-702 | Architectural Project Management | 3 |
| Arch-649 | Strategic Management | 3 |
| Arch-650 | Forecasting and Risk Management | 3 |
| Arch-651 | Forecasting and Risk Management | 3 |
| Arch-652 | Professional Communication | 3 |
| Arch-653 | Agile Project Management | 3 |
| Arch-654 | Program and Portfolio Management | 3 |
| Arch-655 | Critical Thinking and System Assessment | 3 |
| Arch-656 | Organizational Project Management | 3 |
| Arch-657 | Risk Management | 3 |
| Arch-658 | Project Planning and Management | 3 |
| Arch-659 | Strategic Change Implementation | 3 |
| Arch-660 | Form Finding and Fabrication | 3 |
| Arch-661 | Advance Technology | 3 |
| Arch-601 | Construction Management | 3 |
| Arch-605 | Architectural Construction Services | 3 |
| Arch-611 | Project Evaluation | 3 |
| Arch-612 | Project Planning & Site Management | 3 |

### Stream-7 (Architecture Design Courses)

| Course Code | Subject | Credit Hours |
|---|---|---|
| Arch-621 | Advance Architecture Design Studio-I | 3 |
| Arch-622 | Advance Architecture Design Studio-II | 3 |
| Arch-625 | Advance Architecture Design Studio-III (Plan B) | 3 |
| Arch-620 | Thesis Dissertation (Plan A) | 3 |

### Stream-8 (General Studies Courses)

| Course Code | Subject | Credit Hours |
|---|---|---|
| Arch-602 | Research Methodology & Communication skills | 3 |
| SS-113 | Understanding of Holy Quran - I | 0+1 |
| SS-114 | Understanding of Holy Quran - II | 0+1 |

### FACT FILE ELIGIBILITY

- Minimum 16-year education in relevant field with minimum 2.0 CGPA or 60% marks from University / DAI recognized by HEC and accredited by relevant Accreditation body (PCATP)
- Qualifying GAT-General Test of CECOS University or any other approved testing body (NTS/ETEA)