



# NAZEER HUSSAIN UNIVERSITY



2026 - 2027

PROSPECTUS



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ  
مَنْ كَانَ فِي حَرْبٍ مَعَهُ نَسْرَةٌ  
فَلْيُقَاتِ فِيهَا ذَاتَ بَأْسٍ  
وَمَنْ لَمْ يَلِدْ فَليُؤْتِ مِثْلَ مَا  
وَقَاتِلْ فِي سَبِيلِ اللَّهِ لَعَلَّ  
هُ يَرْزُقَ فَيْدًا كَثِيرًا

سنة ١٤٢٠ هـ



## UNIVERSITY TOTAL AREA

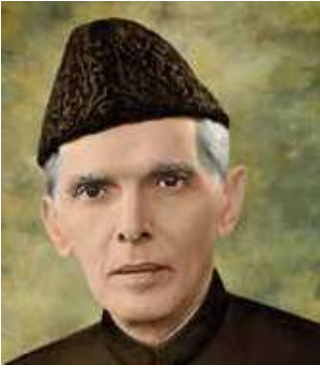
1. Total Plot Area	-	200,000sq. ft.
2. Foot Print Area	-	65,000 sq. ft.
3. Open Area	-	135,000 sq. ft.
4. Total Covered Area	-	195,000 sq. ft.
(a) Admin Block (B+G+2)	-	30,000 sq. ft.
(b) Academic Blocks (G+2)	-	165,000 sq. ft.

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# QUAID-E-AZAM'S MESSAGE

“You know that the importance of education and the right type of education cannot be over-emphasized. Under foreign rule for over a century, in the very nature of things, I regret, sufficient attention has not been paid to the education of our people, and if we are to make any real, speedy and substantial progress, we must earnestly tackle this question and bring our educational policy and program on the lines suited to the genius of our people, consonant with our history and culture, and having regard to the modern conditions and vast development that have taken place all over the world.

There is no doubt that the future of our State will and must greatly depend upon the type of education and the way in which we bring up our children as the future servants of Pakistan. Education does not merely mean academic education, and even that appears to be of a very poor type. What we have to do is to mobilize our people and build up the character of our future generations. There is immediate and urgent need for training our people in the scientific and technical education in order to build up future economic life and we should see that our people undertake scientific commerce, trade and particularly, well planned industries. But do not forget that we have to compete with the world, which is moving very fast in this direction.

In short, we have to build up the character of our future generations which means highest sense of honor, integrity, selfless service to the nation, and sense of responsibility, and we have to see that they are fully qualified or equipped to play their part in the various branches of economic life in a manner which will do honour to Pakistan”.

- Quaid-e-Azam Muhammad Ali Jinnah's message at the First National Education Conference, Karachi, 27 Nov - 1 Dec 1947.



# CHANCELLOR'S MESSAGE

On behalf of the esteemed faculty, dedicated staff, and students at Nazeer Hussain University, I would like to extend a warm welcome to you at this remarkable institution. This is now your campus, and it is truly a unique place where you are valued most. You will soon come to appreciate what an exceptional environment NHU offers. As you navigate your campus, your journey of discovery will lead you toward cutting-edge knowledge.

It brings me great satisfaction to note that significant advancements have been made in delivering higher education at the university. Simultaneously, the university has successfully maintained a balance between contemporary educational trends and its longstanding traditions.

**Along the way, I am confident you will discover:**

- **A faculty dedicated to the teacher/scholar model**
- **A staff eager to assist you**
- **An absolutely beautiful and purpose-built campus.**

As Chancellor, I am assured that our commitment to excellence in higher education and the instillation of moral values in our students will continue with renewed vigor. The university is fulfilling its vital role in promoting education in the province. I hope that NHU will persist in ensuring the highest quality in education and research. So, welcome, and begin to experience the Nazeer Hussain University with a difference!

**Engr. Farhat M. Khan**  
**Chancellor**



# VICE CHANCELLOR'S MESSAGE

It is a matter of immense pride and pleasure to be part of an esteemed and rapidly growing organization, Nazeer Hussain University (NHU), which prepares today's students to meet the challenges of tomorrow. In the short span of its existence, NHU has emerged as Pakistan's most prominent center of excellence in teaching and learning.

Universities strive to fulfill the expectations and aspirations of the nation and society by adhering to the highest institutional principles that nurture freedom of thought and expression. NHU aims to excel and is committed to providing quality education to its students. The University has already made significant progress in achieving the objectives of its vision and mission.

As Vice Chancellor of NHU, I am deeply committed to attracting a faculty and student body dedicated to academic excellence, pedagogical sophistication, top-tier research, and service to humanity. In our mission to contribute to national development, NHU stands as a center of excellence capable of producing confident leaders, independent thinkers, and creative entrepreneurs. We also emphasize the professional development of our students to equip them with the knowledge and skills necessary to play a leading role in various sectors of the economy and policy.

Let us all work together to help shape an environment that will propel the university to greater heights. I wish you every success in your chosen program at NHU.

**Prof. Dr. Masroor Ahmed Shaikh**  
Vice Chancellor

# INTRODUCTION

Nazeer Hussain University (NHU) is one of the leading institutions of higher education in Pakistan. It is a progressive university chartered by the Government of Sindh and recognized by the Higher Education Commission. Our mission is to equip students with knowledge of professional disciplines, enabling them to stand on their own and compete in both local and international job markets.

To achieve this goal, we employ high-quality, experienced faculty and provide a conducive learning environment through state-of-the-art lab equipment and facilities. We take pride in grooming students through our outreach efforts and strive to add value to our graduates by equipping them with the appropriate skills to ensure their employability and future prospects.

NHU is taking a step forward by providing its students with adequate exposure to practical fields. To facilitate the completion of practical assignments, which are part of their academic activities, we collaborate with the corporate sector and industry to arrange internships for our students in:

- i) Architecture
- ii) Computer Science
- iii) Electrical Engineering
- iv) Electronics Engineering
- v) Civil Engineering
- vi) Mechanical Engineering
- vii) Business Administration
- viii) Physical Therapy
- ix) Pharmacy

This greatly enhances students' future prospects, as it supplements their theoretical knowledge with hands-on field experience. It is worth noting that participation in internships offered by reputable organizations not only adds value to the quality of our students but also promotes human resource development in the country.

# VISION

To emerge as a world class center of excellence in education and research for a positive societal change.

# MISSION

NHU is committed to educate people in their chosen fields for developing their full intellectual and human potential. The academic programs provide them freedom to discover, create, test and lead. We resolute to provide a firm ground to build self-reliance and life long learning rubbing shoulders with the advanced world of scientific developments.

# ACCREDITATION BODIES



**Recognized by**



**Approved by**



**Approved by**



**Approved by**



**Approved by**



**Approved by**



# DEPARTMENT OF ARCHITECTURE AND THE BUILT ENVIRONMENT



# INTRODUCTION

The Nazeer Hussain University's Architecture program is dedicated to cultivating architects who design within the intricate fabric of society, economy, culture, and climate. The cornerstone of the Architecture program is the design studio which fosters a dynamic environment, valuing diverse perspectives and a rigorous work ethic. We emphasize context-specific design, integrating the latest tools, techniques, and theories into our core curriculum and advanced research studios. Our goal is to prepare graduates who can create innovative and sustainable architectural solutions that address the unique challenges of their communities. The program culminates in a comprehensive architectural thesis that allows students to delve deeply into a specific design challenge and demonstrate their mastery of the field.

# AIMS & OBJECTIVES

Architecture is a discipline that demands critical thought and conceptual innovation to shape both the built and natural environments. Our department is committed to cultivating architects with a deep understanding of architectural theory, history, and technology, to create significant social impact. We believe in the power of design to create positive change and strive to educate responsible, independent thinkers who can address the complex challenges facing our communities. By fostering an interdisciplinary approach and emphasizing sustainability, we aim to make architecture accessible and beneficial to all. Our program empowers students to become leaders in their field, capable of designing buildings and cities that enhance the quality of life for generations to come.

# BACHELOR OF ARCHITECTURE (B-ARCH)

## PROGRAM DESCRIPTION

The Faculty of Architecture and the Built Environment offers the B-Arch. as its professional degree program, which is a 5-year degree program consisting of 10 semesters, 53 total courses, and 175 total credit hours.

## FEE STRUCTURE

Admission fee (One Time)	Rs. 20,000
Examination Fee (Per Semester)	Rs. 7,500
Registration Fee (Per Semester)	Rs. 7,500
Tuition Fee (Per Semester)	Rs. 136,500
ID Card Charges	Rs. 1,000
Library Fee (Per Semester)	Rs. 1,000
<b>Total Fee Of (1st Semester)</b>	<b>Rs. 173,500</b>

\*Fee may vary from Semester to Semester.

## ELIGIBILITY CRITERIA

- HSSC/A-Levels or equivalent examination with a minimum of 50% marks.
- A minimum of 50% marks in the NHU Entrance Test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
AR-101	Design Studio : Non Architectural	1+5	AR-111	Design Studio 2	1+5
AR-102	Introduction to Architecture-1	2+0	AR-112	Introduction to Architecture II	2+0
AR-103	Drafting I	0+2	AR-113	Drafting II	1+2
AR-104	Visual Communication I(Non Architectural Drawing and Sketching).	0+2	AR-114	Visual Communication II(Non Architectural Drawing and Sketching).	0+3
AR-105	Sculpture: For introducing Language of materials (Wood, Clay and Metal).	0+2	HS-103	Pakistan Studies	2+0
HS-101	English - I	2+0	HS-110	English- II	2+0
HS-102	Islamic Studies	2+0			
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
AR-201	Design Studio 3	1+5	AR - 211	Design Studio 4	1+5
AR-202	History of Architecture - Regional	2+0	AR - 212	Architectural Modern Theories	2+0
AR-203	Structure for Architects I	2+0	AR - 213	Structure for Architects II	2+0
AR-204	Technical Studies - I: Making Architecture	1+3	AR - 214	Technical Studies -II: Making Architecture	1+3
AR-205	Mathematics for Architects - I	2+0	AR - 215	Mathematics for Architects - II	2+0
HS-112	English -III	2+0	AR - 216	Representation, Graphics I	2+0
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

# SCHEME OF STUDIES

## 3rd Year

5th Semester			6th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
AR-301	Design Studio 5: The City	1+5	AR-311	Design Studio 6 - Working with Industry	1+5
AR-302	Modern Architecture - Existing Trends	2+0	AR-312	Sustainable Architecture	2+0
AR-303	Structure for Architects III	2+0	AR-313	Structure for Architects IV	2+0
AR-304	Environmental Technologies I	2+0	AR-314	Intergrated Building Technology I	2+0
AR-305	Materials and Construction III	1+2	AR-315	Professional Practice: Participatory Design	2+0
AR-306	Representation , Graphics II	2+0	AR-316	Representation , Graphics III	2+0
BB-104	Principles of Marketing	2+0			
	<b>Total Credit Hours</b>	<b>19</b>		<b>Total Credit Hours</b>	<b>16</b>

## 4th Year

7th Semester			8th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
AR-401	Design Studio 7: Working with Community	1+5	AR - 411	Design Studio 8: Working with Community	1+5
AR-402	Urban Design & Planning	2+0	AR - 412	Sustainable development	2+0
AR-403	Integrated Environmental Principles	2+0	AR - 413	Making and testing - Construction Workshop	1+2
AR-404	Integrated Building Technology II	1+2	AR - 414	Integrated Building Technology III	1+2
AR-405	Landscape Architecture in Cultural Context	2+0	AR - 415	Construction Management	2+0
AR-406	Practice & Management	2+0			
	<b>Total Credit Hours</b>	<b>17</b>		<b>Total Credit Hours</b>	<b>16</b>

# SCHEME OF STUDIES

## 5th Year

9th Semester			10th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
AR-502	Professional Practice: Real Project	1+2	AR-512	Final Dissertation Report	3+0
AR-503	Presentation Techniques	1+2	AR-513	Reflections -Thinking as Practitioners	2+0
BB-307	Small Business Management	2+0	AR-599	Thesis Design - II	1+11
AR-598	Thesis Design - I	1+7			
	<b>Total Credit Hours</b>	<b>16</b>		<b>Total Credit Hours</b>	<b>17</b>

ELECTIVES		
Course Code	Course Titles	Credit Hours
AR-206	Architectural Photography	2+0
AR-317	Interior Design	2+0
AR-407	Digital Fabrication	2+0

# BACHELOR OF DESIGN - GRAPHIC (B-DES)

## PROGRAM DESCRIPTION

The Design program is 4 years, divided into 8 semesters, and comprises 136 credit hours.

## FEE STRUCTURE

<b>Admission fee (One Time)</b>	Rs. 15,000
<b>Security Deposit (One Time)</b>	Rs. 5,000 (Refundable)
<b>Examination Fee (Per Semester)</b>	Rs. 7,500
<b>Registration Fee (Per Semester)</b>	Rs. 5,000
<b>Tuition Fee (Per Semester)</b>	Rs. 72,000
<b>Activity Charges (Per Semester)</b>	Rs. 2,500
<b>ID Card Charges</b>	Rs. 500
<b>Library Fee (Per Semester)</b>	Rs. 500
<b>Total Fee Of (1st Semester)</b>	Rs. 108,000

\*Fee may vary from Semester to Semester.

## ELIGIBILITY CRITERIA

- HSSC/A-Levels or equivalent examination with a minimum of 45% marks.
- At least 50% marks in the NHU Entrance Test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
GD-101	Design Studio	1+5	GD-111	Design Studio 2	1+5
GD-102	Introduction to Design & Architecture	2+0	GD-112	Introduction to Design & Architecture II	2+0
AR-103	Drafting I	0+2	AR-113	Drafting II	1+2
GD-104	Visual Communication I (Drawing and Sketching)	0+2	GD-114	Visual Communication II (Drawing and Sketching)	1+2
GD-105	Sculpture: For introducing Language of materials (Wood, Clay and Metal)	0+2	HS-103	Pakistan Studies	2+0
HS-101	English - I	2+0	HS-110	English- II	2+0
HS-102	Islamic Studies	2+0			
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
GD-201	Graphic Design Studio 3	1+4	GD - 211	Graphic Design Studio 4	1+4
GD-202	History of Art & Design I	2+0	GD - 212	History of Art & Design II	2+0
GD-203	Typography I	1+2	GD- 213	Typography II	1+2
GD-204	Graphics Illustration I	1+1	GD - 214	Graphics Illustration II	1+1
AR-205	Mathematics - I	2+0	GD - 215	Photography	2+0
HS-112	English -III	2+0	AR-216	Elective: Representation, Graphics I	2+0
	<b>Total Credit Hours</b>	<b>16</b>		<b>Total Credit Hours</b>	<b>16</b>

# SCHEME OF STUDIES

## 3rd Year

5th Semester			6th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
GD- 301	Graphic Design Studio 5	1+4	GD - 311	Graphic Design Studio 6	1+4
GD- 302	Advertising Art & Copy	2+0	GD - 312	Package Design I	1+2
GD- 303	Multimedia Design	2+0	GD - 313	Web Design	2+0
GD- 304	Pre-Press Production	2+0	GD - 314	Animation	1+1
GD- 305	Printmaking	1+1	BB - 104	Elective: Principles of Marketing	2+0
AR- 306	Elective: Representation , Graphics II	0+2	AR - 316	Elective: Representation , Graphics III	0+2
GD- 307	Islamic Art & Civilization	2+0	GD - 317	Elective: Sociology	2+0
	<b>Total Credit Hours</b>	<b>17</b>		<b>Total Credit Hours</b>	<b>18</b>

## 4th Year

7th Semester			8th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
GD- 401	Presentation Techniques	1+2	GD - 411	Final Dissertation Report	3+0
GD- 402	Package Design II	1+2	GD - 499	Thesis Design II	1+11
GD- 403	Professional Practice	2+0			
BB - 301	Elective: Small Business Management	2+0			
AR - 406	Elective: Practice & Management	2+0			
GD - 498	Thesis Design I	1+4			
	<b>Total Credit Hours</b>	<b>17</b>		<b>Total Credit Hours</b>	<b>15</b>

# ASSOCIATE DEGREE PROGRAM IN FINE ARTS

## PROGRAM DESCRIPTION

Associate degree program in Fine Arts is a 2-years undergraduate degree program consisting of 4 semesters. The complete curriculum comprises 72 credit hours.

## FEE STRUCTURE

<b>Admission fee (One Time)</b>	Rs. 15 ,000
<b>Security Deposit (One Time)</b>	Rs. 5,000 (Refundable)
<b>Examination Fee (Per Semester)</b>	Rs. 7,500
<b>Registration Fee (Per Semester)</b>	Rs. 5,000
<b>Tuition Fee (Per Semester)</b>	Rs. 59,000
<b>Activity Charges (Per Semester)</b>	Rs. 2,500
<b>ID Card Charges</b>	Rs. 500
<b>Library Fee (Per Semester)</b>	Rs. 500
<b>Total Fee Of (1st Semester)</b>	Rs. 95,000

\*Fee may vary from Semester to Semester.

## ELIGIBILITY CRITERIA

- HSSC/A-Levels or equivalent examination with Passing Marks.
- At least 50% marks in NHU Entrance Test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
AFA-101	Design Studio I	6	AFA-111	Design Studio II	6
AFA-102	Introduction to Art, Architecture & Design	2	AFA-112	History of Art, Architecture & Design II	2
AFA-103	Drafting I	2	AFA-113	Drafting II	3
AFA-104	Visual Communication I (Drawing)	2	AFA-114	Visual Communication II (Drawing)	3
AFA-105	Sculpture: For introducing Language of materials (Wood, Clay and Metal)	2	HS-103	Pakistan Studies	2
HS-101	English - I	2	HS-110	English- II	2
HS-102	Islamic Studies	2			
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
AFA-201	Design Studio III ( Painting & Miniture)	6	AFA-211	Design Studio IV (Printmaking/ Digital Media	6
AFA-202	History of Art	2	AFA-212	Sculpture III	2
AFA-203	Photography	2	AFA-213	Representation Graphics I	2
AFA-204	Figure Drawing	4	AFA-214	Figure Drawing	3
HS-205	Mathematics - I	2	AFA-215	Enterpreneurship	2
HS-112	English -III	2	AFA-216	Internship	3
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

# ASSOCIATE DEGREE PROGRAM IN INTERIOR DESIGN

## PROGRAM DESCRIPTION

Associate degree program in Interior Design is a 02 years undergraduate degree program comprising of 4 semesters. The total curriculum is 72 credit hours.

## FEE STRUCTURE

<b>Admission fee (One Time)</b>	Rs. 15 ,000
<b>Security Deposit (One Time)</b>	Rs. 5,000 (Refundable)
<b>Examination Fee (Per Semester)</b>	Rs. 7,500
<b>Registration Fee (Per Semester)</b>	Rs. 5,000
<b>Tuition Fee (Per Semester)</b>	Rs. 59,000
<b>Activity Charges (Per Semester)</b>	Rs. 2,500
<b>ID Card Charges</b>	Rs. 500
<b>Library Fee (Per Semester)</b>	Rs. 500
<b>Total Fee Of (1st Semester)</b>	Rs. 95,000

\*Fee may vary from Semester to Semester.

## ELIGIBILITY CRITERIA

- HSSC/A-Levels or equivalent examination with Passing Marks.
- At least 50% marks in NHU Entrance Test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
AID-101	Design Studio I	6	AID-111	Design Studio II	6
AID-102	Introduction to Art, Architecture & Design	2	AID-112	Introduction to Art, Architecture & Design II	2
AID-103	Drafting I	2	AID-113	Drafting II	3
AID-104	Visual Communication I	2	AID-114	Visual Communication II	3
AID-105	Sculpture: For introducing Language of materials (Wood, Clay and Metal)	2	HS-103	Pakistan Studies	2
HS-101	English - I	2	HS-110	English- II	2
HS-102	Islamic Studies	2			
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
AID-201	Design Studio III	6	AID-211	Design Studio IV	6
AID-202	History of Interior Design	2	AID-212	Technical Studies for Interior Design II	3
AID-203	Technical Studies for Interior Design I	4	AID-213	Material & Finishes	2
AID-204	Photography	2	AID-214	Representation Graphics I	2
HS-205	Mathematics - I	2	AID-215	Entrepreneurship	2
HS-112	English -III	2	AID-216	Internship	3
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

# ASSOCIATE DEGREE PROGRAM IN GRAPHICS & MEDIA DESIGN

## PROGRAM DESCRIPTION

Associate degree program in Graphic Design is a 02 years undergraduate degree program comprising of 4 semesters. The total curriculum is 72 credit hours.

## FEE STRUCTURE

<b>Admission fee (One Time)</b>	Rs. 15,000
<b>Security Deposit (One Time)</b>	Rs. 5,000 (Refundable)
<b>Examination Fee (Per Semester)</b>	Rs. 7,500
<b>Registration Fee (Per Semester)</b>	Rs. 5,000
<b>Tuition Fee (Per Semester)</b>	Rs. 59,000
<b>Activity Charges (Per Semester)</b>	Rs. 2,500
<b>ID Card Charges</b>	Rs. 500
<b>Library Fee (Per Semester)</b>	Rs. 500
<b>Total Fee Of (1st Semester)</b>	Rs. 95,000

\*Fee may vary from Semester to Semester.

## ELIGIBILITY CRITERIA

- HSSC/A-Levels or equivalent examination with Passing Marks.
- At least 50% marks in NHU Entrance Test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
AGD-101	Design Studio I	6	AGD-111	Design Studio II	6
AGD-102	Introduction to Art, Architecture & Design I	2	AGD-112	Introduction to Art, Architecture & Design II	2
AGD-103	Drafting I	2	AGD-113	Drafting II	3
AGD-104	Visual Communication I (Drawing and Sketching)	2	AGD-114	Visual Communication II (Drawing and Sketching)	3
AGD-105	Sculpture: For introducing Language of materials (Wood, Clay and Metal)	2	HS-103	Pakistan Studies	2
HS-101	English - I	2	HS-110	English- II	2
HS-102	Islamic Studies	2			
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
AGD-201	Design Studio III	6	AGD-211	Design Studio IV	6
AGD-202	History of Graphic Design & Media	2	AGD-212	Advertising of Art & copy	2
AGD-203	Typography I	4	AGD-213	Typography II	3
AGD-204	Photography	2	AGD-214	Representation Graphics I	2
HS-205	Mathematics - I	2	AGD-215	Enterpreneurship	2
HS-112	English -III	2	AGD-216	Internship	3
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

# ASSOCIATE DEGREE PROGRAM IN TEXTILE DESIGN

## PROGRAM DESCRIPTION

Associate degree program in Textile Design is a 02 years undergraduate degree program comprising of 4 semesters. The total curriculum is 72 credit hours.

## FEE STRUCTURE

<b>Admission fee (One Time)</b>	Rs. 15 ,000
<b>Security Deposit (One Time)</b>	Rs. 5,000 (Refundable)
<b>Examination Fee (Per Semester)</b>	Rs. 7,500
<b>Registration Fee (Per Semester)</b>	Rs. 5,000
<b>Tuition Fee (Per Semester)</b>	Rs. 59,000
<b>Activity Charges (Per Semester)</b>	Rs. 2,500
<b>ID Card Charges</b>	Rs. 500
<b>Library Fee (Per Semester)</b>	Rs. 500
<b>Total Fee Of (1st Semester)</b>	Rs. 95,000

\*Fee may vary from Semester to Semester.

## ELIGIBILITY CRITERIA

- HSSC/A-Levels or equivalent examination with Passing Marks.
- At least 50% marks in NHU Entrance Test.

# SCHEME OF STUDIES

## 1st Year

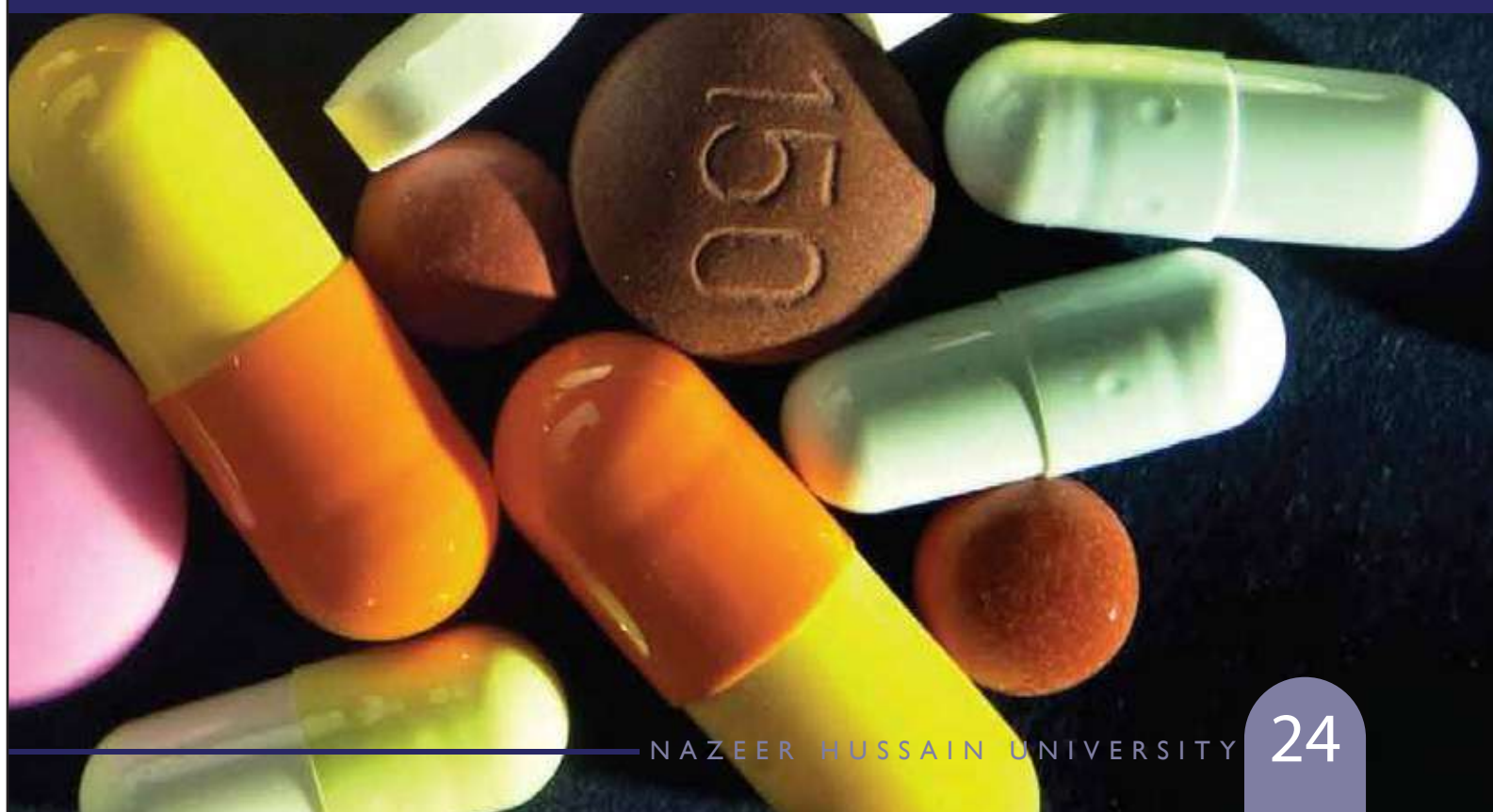
1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
ATD-101	Design Studio I	6	ATD-111	Design Studio II	6
ATD-102	Introduction to Art, Architecture & Design I	2	ATD-112	Introduction to Art, Architecture & Design II	2
ATD-103	Drafting I	2	ATD-113	Drafting II	3
ATD-104	Visual Communication I (Drawing and Sketching)	2	ATD-114	Visual Communication II (Drawing and Sketching)	3
ATD-105	Sculpture: For introducing Language of materials (Wood, Clay and Metal)	2	HS-103	Pakistan Studies	2
HS-101	English - I	2	HS-110	English- II	2
HS-102	Islamic Studies	2			
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
ATD-201	Design Studio III	6	ATD-211	Design Studio IV	6
ATD-202	History of Textile Design	2	ATD-212	Textile material & Techniques	2
ATD-203	Weaving I	4	ATD-213	Weaving II	3
ATD-204	Photography	2	ATD-214	Representation Graphics I	2
HS-205	Mathematics - I	2	ATD-215	Entrepreneurship	2
HS-112	English -III	2	ATD-216	Internship	3
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>



# DEPARTMENT OF PHARMACY



## INTRODUCTION

In March 2015, the Pharmacy Council of Pakistan approved the Pharm.D program to be offered at NHU. The Department of Pharmacy comprises the following disciplines: Pharmaceutics, Pharmacology, Pharmacognosy, Pharmaceutical Chemistry, and Pharmacy Practice. The Department of Pharmacy at NHU offers state-of-the-art facilities and is continually enhanced by recruiting qualified candidates, well-equipped labs, digital libraries, spacious lecture halls, and an auditorium.

## AIMS & OBJECTIVES

To maintain a Pharm.D program that is current and responsive to the challenges in both education and training needs. Preparing graduates with the skills to meet the requirements of the healthcare sector, serving the pharmaceutical industry at local and international levels, by providing highly qualified and trained professionals. To promote an entrepreneurial environment among students to address unmet patient needs and foster high-quality education, leading to interests focused on research in clinical, basic medical, and pharmaceutical sciences.

# DOCTOR OF PHARMACY (PHARM. D)

## PROGRAM DESCRIPTION

The curriculum approved by the Pharmacy Council of Pakistan is structured around 5 years of professional education, divided into 10 regular semesters, comprising a total of 198 credit hours and 53 courses, along with practical work conducted in the laboratories of the department.

## FEE STRUCTURE

Admission fee (One Time)	Rs. 20,000
Examination Fee (Per Semester)	Rs. 7,500
Registration Fee (Per Semester)	Rs. 7,500
Tuition Fee (Per Semester)	Rs. 90,300
ID Card Charges	Rs. 1,000
Library Fee (Per Semester)	Rs. 1,000
Total Fee Of (1st Semester)	Rs. 127,300

\*Fee may vary from Semester to Semester.

## ELIGIBILITY CRITERIA

- HSSC (Pre-Medical) /A-Levels or equivalent examination with at least 60% marks.
- At least 60% marks in NHU Entrance Test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
ENG-300	English - A (Functional English)	2	ENG-301	English - B (Communication & Writing Skills)	4
PHARM 310	Pharmaceutical - IA (Physical Pharmacy)	3+1	PHARM 315	Pharmaceutical - IB (Physical Pharmacy)	3+1
PHARM 311	Pharmaceutical Chemistry - IA (Organic)	3+1	PHARM 316	Pharmaceutical Chemistry - IB (Organic)	3+1
PHARM 312	Pharmaceutical Chemistry - IIA (Biochemistry)	3+1	PHARM 317	Pharmaceutical Chemistry - IIB (Biochemistry)	3+1
PHARM 313	Physiology-A	3+1	PHARM 318	Physiology-B	3+1
PHARM 314	Anatomy & Histology	3+1			
	<b>Total Credit Hours</b>	<b>22</b>		<b>Total Credit Hours</b>	<b>20</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
IS-402	Islamic Studies	3	PS-403	Pakistan Studies	2
PHARM 410	Pharmaceutical - IIA (Dosage Forms Science)	3+1	PHARM 415	Pharmaceutical - IIB (Dosage Forms Sciences)	3+1
PHARM 411	Pharmaceutical -IIIA (Pharmaceutical Microbiology & Immunology)	3+1	PHARM 416	Pharmaceutical - IIIB (Pharmaceutics Microbiology & Immunology)	3+1
PHARM 412	Pharmaceutical and Therapeutics -IA	3+1	PHARM 417	Pharmaceutical and Therapeutics -IB	3+1
PHARM 413	Pharmaceutics -IA (Basic)	3+1	PHARM 418	Pharmaceutics -IB (Basic)	3+1
PHARM 414	Pharmacy Practice -IA (Pharmaceutics Mathematics)	3	PHARM 419	Pharmaceutics Practic -IB (Bio-statics)	3
	<b>Total Credit Hours</b>	<b>22</b>		<b>Total Credit Hours</b>	<b>21</b>

# SCHEME OF STUDIES

## 3rd Year

5th Semester			6th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
PHARM 510	Pharmaceutical Practice- IIA (Dispensing Pharmacy)	3+1	PHARM 515	Pharmaceutical Chemistry - IIB (Community Social & Administrative Pharmacy)	3
PHARM 511	Pharmaceutical - IIIA (Pharmaceutical Analysis)	3+1	PHARM 516	Pharmaceutical Chemistry - IIIB (Pharmaceutics Analysis)	3+1
PHARM 512	Pharmacology and Therapeutics -IIA	3+1	PHARM 517	Pharmaceutical and Therapeutics - IIB	3+1
PHARM 513	Pharmaceutical - IIA (Advanced)	3+1	PHARM 518	Pharmaceutical - IIB (Advanced)	3+1
PHARM 514	Pathology	3+1	PHARM 519	Pharmacy Practice -III (Computer and its Application in pharmacy)	3+1
	<b>Total Credit Hours</b>	<b>20</b>		<b>Total Credit Hours</b>	<b>19</b>

## 4th Year

7th Semester			8th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
PHARM 610	Pharmacy Practice -IV A (Hospital Pharmacy)	3	PHARM 615	Pharmacy practice -IVB (Hospital Pharmacy)	3
PHARM 611	Pharmacy practice -V A (Clinical Pharmacy -I)	3+1	PHARM 616	Pharmacy Practice -VB (Clinical Pharmacy-I)	3+1
PHARM 612	Pharmaceutical -IV A (Industrial Pharmacy)	3+1	PHARM 617	Pharmaceutical -IVB (Industrial Pharmacy)	3+1
PHARM 613	Pharmaceutical -V A (Biopharmaceutics & pharmacokinetics)	3+1	PHARM 618	Pharmaceutical -VB (Biopharmaceutics & Pharmacokinetics)	3+1
PHARM 614	Pharmaceutics -VI A (pharmaceutical quality management)	3+1	PHARM 619	Pharmaceutics -VIB (Pharmaceutical quality Management)	3+1
	<b>Total Credit Hours</b>	<b>19</b>		<b>Total Credit Hours</b>	<b>19</b>

# SCHEME OF STUDIES

## 5th Year

9th Semester			10th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
PHARM 710	Pharmaceutics -VIIA (Pharmaceutical Technology)	3+1	PHARM 715	Pharmaceutics -VIIB (Pharmaceutical Technology)	3+1
PHARM 711	Pharmacy practice -VIA (Advance Clinical Pharmacy-II)	3+1	PHARM 716	Pharmacy Practice -VIB (Advanced Clinical Pharmacy-II)	3+1
PHARM 712	Pharmacy Practice -VIIA (Forensic Pharmacy)	3	PHARM 717	Pharmacy Practice -VIIB (Forensic Pharmacy)	3
PHARM 713	Pharmacy Practice -VIIIA (Pharmaceutical Management & Marketing)	3	PHARM 718	Pharmacy Practice -VIIB (Pharmaceutical Management & Marketing)	3
PHARM 714	Pharmaceutical Chemistry -IV A (Medicinal Chemistry)	3+1	PHARM 719	Pharmaceutical Chemistry -IVB (Medical Chemistry)	3+1
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>



# DEPARTMENT OF REHABILITATION AND HEALTH SCIENCES



# INTRODUCTION

Medical education in Pakistan is continuously being upgraded to meet international standards. The Department of Rehabilitation and Health Sciences is one of the significant initiatives of Nazeer Hussain University (NHU), offering various undergraduate and postgraduate programs in the field of Rehabilitation Sciences. The department provides state-of-the-art facilities, including well-equipped laboratories, a library, and spacious lecture halls. The academic environment is peaceful, pleasant, yet competitive and disciplined. The academic activities offered at the department are supervised by highly qualified and experienced faculty dedicated to equipping students with standard skill-based quality education and producing high-standard medical graduates who can become true leaders through core knowledge and a skilled practical approach.

# AIMS & OBJECTIVES

Foster a foundation in evidence-based practice, enabling critical evaluation and application of current research in rehabilitation. Cultivate patient-centered care by emphasizing effective communication, empathy, and the inclusion of patients in goal-setting and treatment planning. Develop strong inter-professional collaboration skills, facilitating effective teamwork with various healthcare professionals for optimized patient outcomes. Embed a dedication to professional ethics, integrity, and continuous learning, ensuring graduates engage in lifelong self-improvement and stay abreast of advancements in the field. Equip students with comprehensive clinical assessment skills, integrating musculoskeletal, neurological, and cardiopulmonary evaluations.

# DOCTOR OF PHYSICAL THERAPY (DPT)

## PROGRAM DESCRIPTION

Doctor of Physical Therapy (DPT) is a 05 years undergraduate degree program comprises of 10 semesters. The total curriculum of 186 credit hours.

## FEE STRUCTURE

Admission fee (One Time)	Rs. 20,000
Examination Fee (Per Semester)	Rs. 7,500
Registration Fee (Per Semester)	Rs. 7,500
Tuition Fee (Per Semester)	Rs. 116,600
ID Card Charges	Rs. 1,000
Library Fee (Annual)	Rs. 1,500
<b>Total Fee (1st Semester)</b>	<b>Rs. 154,100</b>

\*Fee may vary from Semester to Semester.

## ELIGIBILITY CRITERIA

- HSSC (Pre-Medical)/ A- Levels or equivalent examination with at least 60% marks.
- At least 50% marks in NHU Entrance test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
DPT-101	Anatomy-I	3(2-1)	DPT-106	Anatomy-II	3(2-1)
DPT-102	Physiology-I	3(2-1)	DPT-107	Physiology-II	3(2-1)
DPT-103	Kinesiology-I	3(2-1)	DPT-108	Kinesiology-II	3(2-1)
DPT-104	Chemistry	3(2-1)	DPT-109	Quantitative Reasoning I	3(3-0)
HS-221	Philosophy	2(2-0)	HS-104	Expository Writing	3(3-0)
HS-113	English-I (Functional English)	3(3-0)	HS-107	Sociology	2(2-0)
HS-206	Ideology & Constitution of Pakistan	2(2-0)	HS-105	Understanding of Quran-I/ Moral Philosophy-I (For Non-Muslims)	1(0-1)
DPT-105	Introduction to Physical Therapy & Rehabilitation	Non-Credit			
	<b>Total Credit Hours</b>	<b>19</b>		<b>Total Credit Hours</b>	<b>18</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
DPT-201	Anatomy-III	3(2-1)	DPT-206	Anatomy-IV (Neuro-Anatomy)	3(2-1)
DPT-202	Physiology-III	3(2-1)	DPT-207	Therapeutic Exercises & Techniques	3(2-1)
DPT-204	Biomechanics & Ergonomics-I	3(2-1)	DPT-208	Physical Agents & Electrotherapy-I	3(2-1)
DPT-203	Medical Physics	3(2-1)	DPT-209	Civic & Community Engagement	2(2-0)
DPT-205	Quantitative Reasoning II	3(3-0)	HS-401	Human Psychology	2(2-0)
CS-102	Introduction to Information & Communication Technologies (ICT)	3(2-1)	HS-103	Pakistan Studies	2(2-0)
HS-205	Understanding of Quran-II/ Moral Philosophy-II (For Non-Muslims)	1(0-1)	MGT-412	Entrepreneurship	2(2-0)
			HS-102	Islamic Studies/ Ethics (For Non-Muslims)	2(2-0)
	<b>Total Credit Hours</b>	<b>19</b>		<b>Total Credit Hours</b>	<b>19</b>

# SCHEME OF STUDIES

## 3rd Year

5th Semester			6th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
DPT-301	Exercise Physiology	3(2-1)	DPT-308	Pharmacology & Therapeutics-II	3(2-1)
DPT-302	Pharmacology & Therapeutics-I	2(2-0)	DPT-309	Health & Wellness	3(2-1)
DPT-303	Physical Agents & Electrotherapy-II	3(2-1)	DPT-310	Manual Therapy	3(3-0)
DPT-304	Biochemistry	3(3-0)	DPT-311	Community Medicine & Rehabilitation	3(3-0)
DPT-305	Pathology & Microbiology-I	2(2-0)	DPT-312	Pathology & Microbiology-II	3(3-0)
DPT-306	Artificial Intelligence in Healthcare	2(2-0)	DPT-313	Molecular Biology & Genetics	3(0-3)
DPT-307	Supervised Clinical Practice-I	3(0-3)	DPT-314	Supervised Clinical Practice-II	
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

## 4th Year

7th Semester			8th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
DPT-401	Medicine-I	3(2-1)	DPT-407	Neurology Physical Therapy	3(2-1)
DPT-402	Surgery-I	3(2-1)	DPT-408	Medicine-II	3(3-0)
DPT-403	Musculoskeletal Physical Therapy	3(3-0)	DPT-409	Surgery-II	3(3-0)
DPT-404	Radiology & Diagnostic Imaging	3(3-0)	DPT-410	Sports Physical Therapy	3(2-1)
DPT-405	Biostatistics	3(2-1)	DPT-411	Research Methods & Scientific Inquiry	3(2-1)
DPT-406	Supervised Clinical Practice-III	4(0-4)	DPT-412	Professional Practice	2(2-0)
HS-307	Introduction to Cooperative Housing Societies	N/C	DPT-413	Supervised Clinical Practice-IV	4(0-4)
	<b>Total Credit Hours</b>	<b>19</b>		<b>Total Credit Hours</b>	<b>21</b>

# SCHEME OF STUDIES

## 5th Year

9th Semester			10th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
DPT-501	Clinical Decision Making & Differential Diagnosis	3(3-0)	DPT-507	Integumentary Physical Therapy	3(3-0)
DPT-502	Emergency Procedures & Primary Care in Physical Therapy	3(2-1)	DPT-508	Women's Health Physical Therapy	3(3-0)
DPT-503	Cardiopulmonary Physical Therapy	3(2-1)	DPT-509	Pediatric & Neonatal Physical Therapy	3(3-0)
DPT-504	Prosthetics & Orthotics	2(2-0)	DPT-510	Geriatric Physical Therapy	3(3-0)
DPT-505	Evidence Based Practice	3(2-1)	DPT-511	Supervised Clinical Practice-VI	3(3-0)
DPT-506	Supervised Clinical Practice-V	4(0-4)	DPT-512	Capstone/Research Project	3(0-3)
SI-001	Supervised Internship	3(0-3)			
	<b>Total Credit Hours</b>	<b>21</b>		<b>Total Credit Hours</b>	<b>24</b>

## HOUSE JOB

One year of house job will be incorporated at the end of five year degree program.

## ASSOCIATE DEGREE PROGRAM IN PHYSICAL THERAPY

### PROGRAM DESCRIPTION

Associate Degree Program in Physical Therapy (ADP-PT) is a 02 years undergraduate degree program comprises of 4 semesters. The total curriculum of 72 credit hours.

### FEE STRUCTURE

Admission fee (One Time)	Rs. 20,000
Examination Fee (Per Semester)	Rs. 7,500
Registration Fee (Per Semester)	Rs. 7,500
Tuition Fee (Per Semester)	Rs. 89,000
ID Card Charges	Rs. 1,000
Library Fee (Annual)	Rs. 1,500
<b>Total Fee (1st Semester)</b>	<b>Rs. 126,500</b>

\*Fee may vary from Semester to Semester.

### ELIGIBILITY CRITERIA

- HSSC (Pre-Medical)/ A- Levels or equivalent examination with at least 45% marks.
- At least 50% marks in NHU Entrance test.

# SCHEME OF STUDIES

## 1st Year

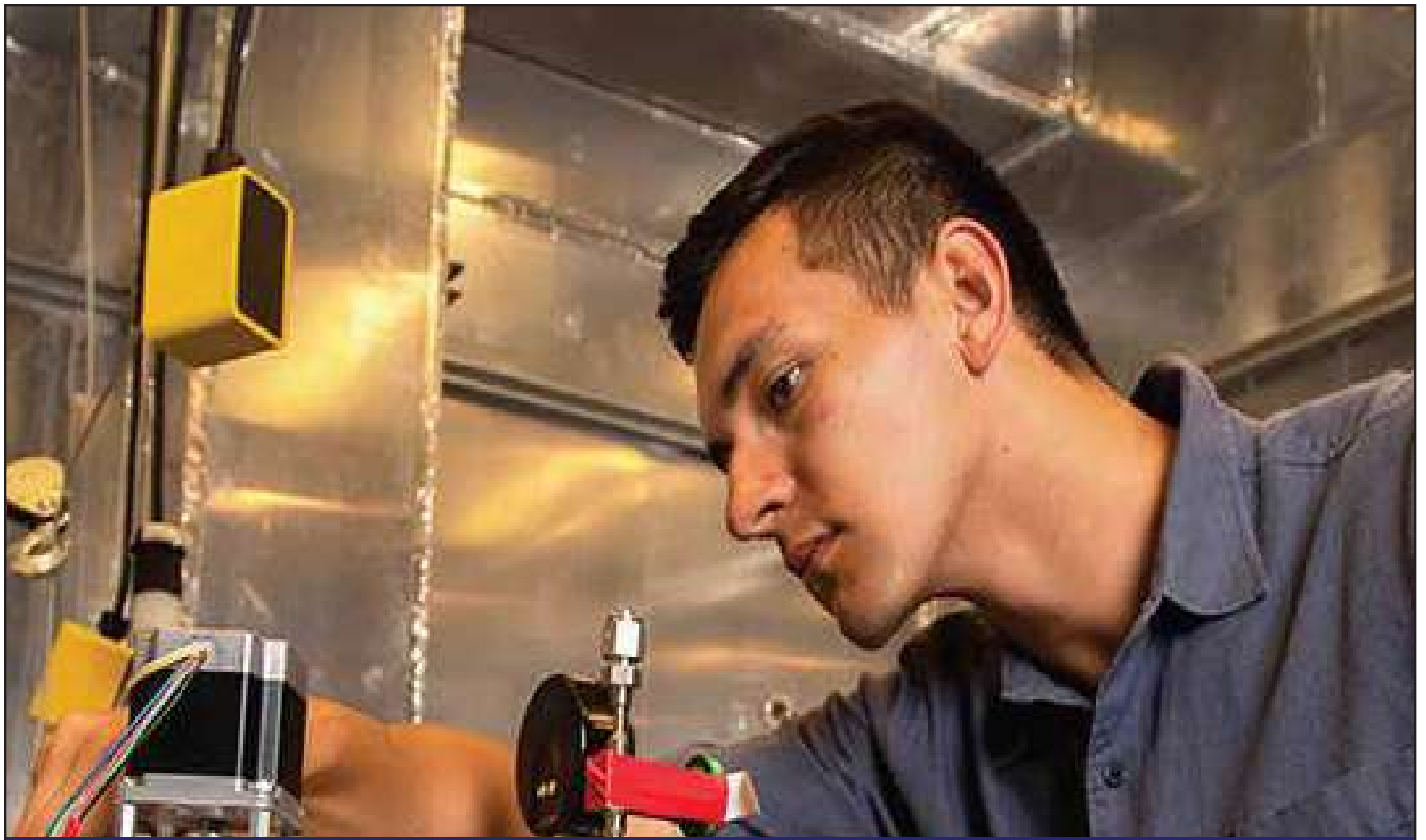
1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
ADP-101	Anatomy-I	3(2-1)	ADP -106	Anatomy-II	3(2-1)
ADP-102	Physiology-I	3(2-1)	ADP -107	Physiology-II	3(2-1)
ADP-103	Kinesiology-I	3(2-1)	ADP -108	Kinesiology-II	3(2-1)
ADP -104	Medical Physics	3(3-0)	HS-114	Ethics	3(3-0)
HS-221	Philosophy	3(3-0)	HS-104	English-II (Communication Skills)	3(3-0)
HS-113	English-I (Functional English)	3(3-0)	CS-102	Introduction to Computer	3(2-1)
ADP -105	Introduction to Physical Therapy & Rehabilitation	N.C			
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

## 2nd Year

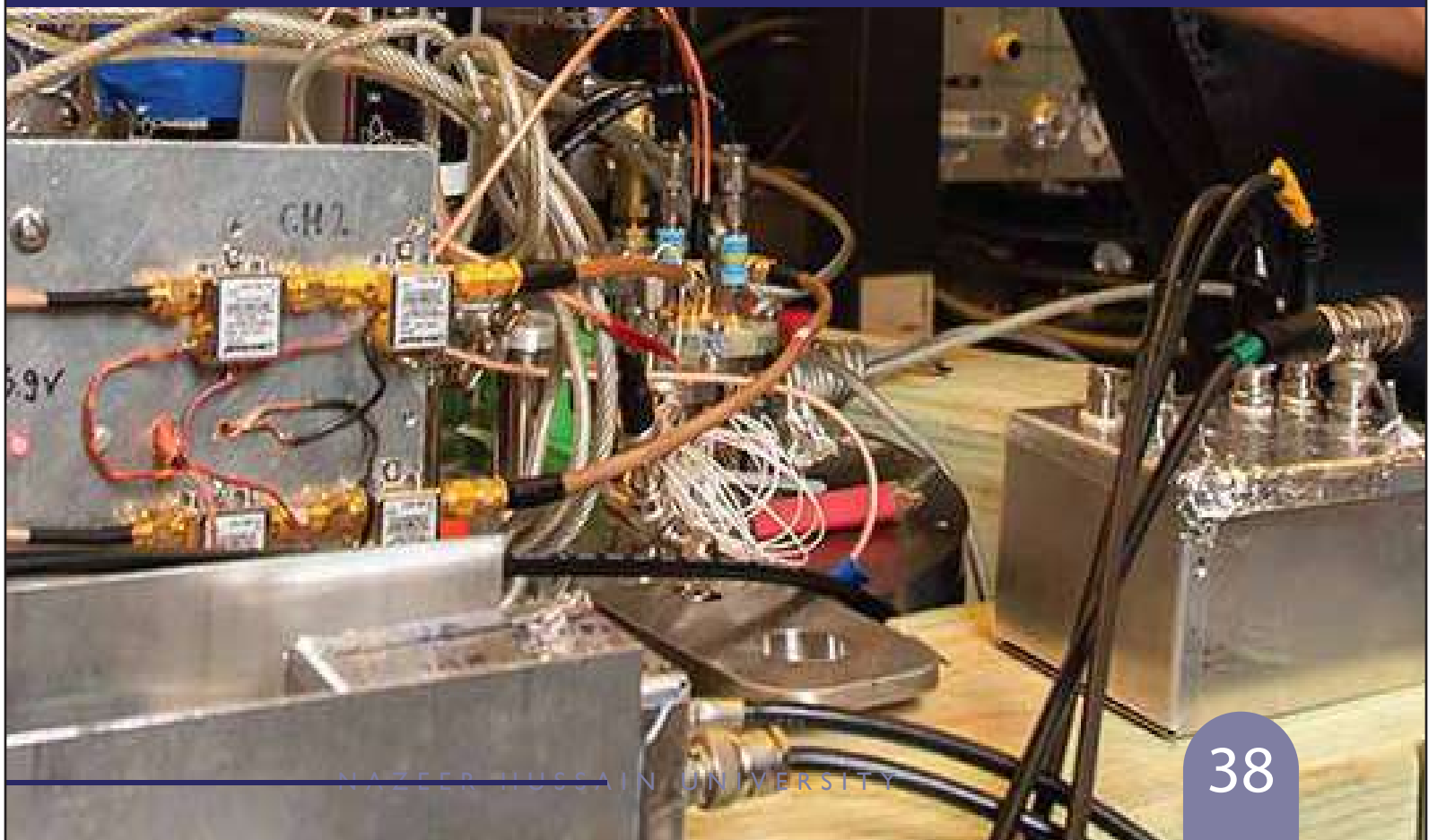
3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
ADP -201	Anatomy-III	3(2-1)	ADP-204	Anatomy-IV (Neuro-anatomy)	3(2-1)
ADP-202	Physiology-III	3(2-1)	ADP-205	Exercise Physiology	3(2-1)
ADP-203	Biomechanics & Ergonomics-I	3(2-1)	ADP-206	Biomechanics & Ergonomics-II	3(2-1)
HS-203	English-III (Technical Writing & Presentation Skills)	3(3-0)	ADP-207	Physical Agents & Electrotherapy-I	3(2-1)
HS-103	Pakistan Studies	3(3-0)	ADP-208	Therapeutic Exercises & Techniques	3(2-1)
HS-102	Islamic Studies / Ethics (for Non-Muslim)	3(3-0)	HS-107	Sociology	3(3-0)
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

# CLINICAL INTERNSHIP

Six (06) months of clinical internship will be incorporated at the end of two year degree program .



# DEPARTMENT OF ELECTRICAL ENGINEERING



# INTRODUCTION

Welcome to the Department of Electrical Engineering (DEE) at the Faculty of Engineering Practices & Sciences (FEPS), Nazeer Hussain University (NHU). Here, we take great pride in being part of nationally recognized degree programs. Our faculty members are committed to educating students and delivering an advanced educational experience that aligns with the ever-changing needs of the engineering profession. We continuously strive to be at the forefront of providing the most respected engineering education.

# AIMS & OBJECTIVES

Electrical Engineers are in high demand across all engineering sectors. Our goal is to deliver education that is truly professional. In addition to imparting a specific degree of knowledge, we prioritize training that is closely linked to career opportunities. Achieving professional status and membership in relevant professional bodies, such as PEC, IEEE, IEP, IET (UK), and IEEE (USA), is crucial for successful career advancement. These memberships will help you stay updated with emerging technologies, build connections, and network with other engineering professionals in your field and related areas at conferences and regional meetings. Karachi, the industrial hub of Pakistan, offers NHU graduates a unique opportunity to transform their innovative ideas and skills, positioning them as pioneering leaders in various industries. The Department of Electrical Engineering aims to provide hands-on practical experience to its students, enabling them to acquire specialized skills through exposure to their respective fields of work.

# BACHELOR OF ELECTRICAL ENGINEERING (BEE)

## PROGRAM DESCRIPTION

The program of studies consists of four years of classroom instruction, totaling 140 credit hours and 43 courses across 8 semesters, along with practical work conducted in various department laboratories.

## FEE STRUCTURE

Admission fee (One Time)	Rs. 20,000
Examination Fee (Per Semester)	Rs. 7,500
Registration Fee (Per Semester)	Rs. 7,500
Tuition Fee (Per Semester)	Rs. 99,225
ID Card Charges	Rs. 1,000
Library Fee (Per Semester)	Rs. 1,000
<b>Total Fee (1st Semester)</b>	<b>Rs. 136,225</b>

\*Fee may vary from Semester to Semester.

## ELIGIBILITY CRITERIA

- HSSC ( Pre-Engineering/Pre-Medical) /A- Levels or equivalent examination with at least 60% marks.
- At least 50% marks in NHU Entrance test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
HS-101	Functional English	2+0	HS-102	Islamic Studies / Ethics (For Non-Muslims)	2+0
NS-102	Calculus and Analytical Geometry	3+0	ME-102	Thermodynamics (IDDE)	2+0
HS-105	Understanding of Quran-I/Civics & Community Engagement-I(For Non-Muslims)	0+1	HS-108	Pakistan Studies	2+0
NS-105	Applied Physics	3+1	HS-104	Communication Skills	2+0
CS-100	Computing and Programming Fundamentals	3+1	NS-107	Differential Equations	3+0
EE-102	Linear Circuit Analysis	3+1	CS-104	Object Oriented Programming	3+1
EE-105	Workshop Practice	0+1	EE-103	Electronic Devices and Circuits	3+1
	<b>Total Credit Hours</b>	<b>19</b>		<b>Total Credit Hours</b>	<b>19</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
HS-203	Ideology of Pakistan	1+0	NS-204	Linear Algebra	3+0
NS-203	Complex Variables and Transforms	3+0	NS-205	Probability and Statistics	3+0
EE-202	Electronic Circuit Design	3+1	ME-201	Mechanical Engineering	2+0
EE-201	Digital Logic design	3+1	EE-208	Microprocessor Bases System and Applications	3+1
EE-204	Electrical Network Analysis	3+1	TE-201	Signals and Systems	3+1
HS-205	Understanding of Quran-II/ Civics & Community Engagement-II(For Non-Muslims)	0+1	EE-203	Computer Aided Engineering Drawing	0+1
	<b>Total Credit Hours</b>	<b>17</b>		<b>Total Credit Hours</b>	<b>18</b>

# SCHEME OF STUDIES

## 3rd Year

5th Semester			6th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
EE-303	Electrical Machines	3+1	HS-301	Technical And Business Writing	3+0
EE-307	Electromagnetic Field Theory	3+0	EE-305	Instrumentation & Measurement	3+1
EE-302	Power Electronics	3+1	EE-303	Robotics and Artificial Intelligence	3+0
EE-308	Power Distribution and Utilization	3+0	EE-304	Linear Control Systems	3+1
TE-301	Communication Systems	3+1	MS-XXX	Depth Elective - I:	3+1
			HS-307	Introduction to Cooperative Housing Societies	Non-Credit
	<b>Total Credit Hours</b>	<b>17</b>		<b>Total Credit Hours</b>	<b>18</b>

## 4th Year

7th Semester			8th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
HS-401	Professional Ethics	3+0	HS-402	Organizational Behaviour	3+0
MS-402	Engineering Economics and Management	3+0	MS-401	Technopreneurship	3+0
MS-XXX	Depth Elective II:	3+1	MS-XXX	Depth Elective IV:	3+1
MS-XXX	Depth Elective III:	3+0	MS-XXX	Depth Elective V:	3+0
EE-411	Final Year Project Part II:	0+3	EE-412	Final Year Project Part II	0+3
HS-100	Community Service	Non-Credit			
	<b>Total Credit Hours</b>	<b>16</b>		<b>Total Credit Hours</b>	<b>16</b>

# SCHEME OF STUDIES

## ELECTIVES

Course Code	Course Name	Credit Hour
EE-X04	Industrial Electronics	3+1
	Solid State Devices	3+1
EE-X06	Optoelectronics	3+1
	Digital System Design	3+1
EE-X02	Digital Signal Processing	3+1
	Digital Control System	3+1
	Data Communications	3+0
	Digital Image Processing	3+1
	Internet of Things (IoT)	3+0
	Embedded Systems	3+1
	Power Generation	3+0
	Electrical Power Transmission	3+0
	Power System Protection	3+0
	Renewable Energy Systems	3+1
	Smart Grid	3+0

## BSc ENGINEERING TECHNOLOGY (ELECTRICAL)

### PROGRAM DESCRIPTION

The Faculty of Engineering Practices and Sciences offers a BSc in Engineering Technology (Electrical) as its professional degree program. This is a four-year degree program comprising 8 semesters and totaling 134 credit hours.

### FEE STRUCTURE

Admission fee (One Time)	Rs. 20,000
Examination Fee (Per Semester)	Rs. 7,500
Registration Fee (Per Semester)	Rs. 7,500
Tuition Fee (Per Semester)	Rs. 52,800
ID Card Charges	Rs. 1,000
Library Fee (Per Semester)	Rs. 1,000
Total Fee Of (1st Semester)	Rs. 89,800

\*Fee may vary from Semester to Semester.

### ELIGIBILITY CRITERIA

- HSSC (Pre-Engineering/Pre-Medical) /A-Levels /DAE or equivalent examination with at least 50% marks.
- At least 50% marks in NHU Entrance Test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
ELH-111 / ELH-112	Islamic Studies / Social Ethics	3+0	ELH-121	Pakistan Studies	3+0
ELE-111	Communication Skills	3+0	ELQ-121	Differential Equations	2+0
ELQ-111	Calculus & Analytic Geometry	2+0	ELN-122	Natural Science Elective-1	2+1
ELN-112	Applied Physics	2+1	ELM-121	Management Science Elective-1	3+0
ELC-111	Information and Communication Technology	1+1	ELT-121	Computer Programming	1+1
ELT-111	Electrical Workshop	0+2	EE-103	Linear Circuits Analysis	1+1
			ELT-122	Environment, Health and Safety	1+0
	<b>Total Credit Hours</b>	<b>15</b>		<b>Total Credit Hours</b>	<b>16</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
ELE-211	Professional Ethics	3+0	ELT-221	Instrumentation and Measurements	2+1
ELE-211	Technical Report Writing	3+0	ELT-222	Electrical Machines	2+1
ELQ-211	Linear Algebra	2+0	ELT-223	Signals and Systems	1+1
ELT-211	Technical Drawing	0+1	ELT-224	Micro - Controller System	1+1
ELT-212	Electrical Devices and Circuits	2+1	ELT-225	Breadth Elective - 1	2+1
ELT-213	Logic Circuits and Applications	1+2	ELI-221	IDTE-I	1+1
ELT-214	Electrical Network Analysis	1+1			
	<b>Total Credit Hours</b>	<b>17</b>		<b>Total Credit Hours</b>	<b>15</b>

# SCHEME OF STUDIES

## 3rd Year

5th Semester			6th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
ELT-311	Control Technology	2+1	ELM-321	Managment Elective-II	3+0
ELT-312	Communication Systems	2+1	ELT-321	Depth Elective-III	2+1
ELT-313	Breadth Elective-II	1+1	ELT-322	Depth Elective-IV	2+1
ELT-314	Depth Elective-I	2+1	ELT-323	Depth Elective-V	2+1
ELT-315	Depth Elective-II	2+1	ELI-321	IDTE-II	2+1
ELT-316	Project Part-I	0+3	ELT-324	Project Part-II	0+3
	<b>Total Credit Hours</b>	<b>17</b>		<b>Total Credit Hours</b>	<b>17</b>

## 4th Year

7th Semester			8th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
ELT-411	Supervised Industrial Training (Optional)	16	ELT-421	Supervised Industrial Training (Compulsory)	16
	<b>Total Credit Hours</b>	<b>16</b>		<b>Total Credit Hours</b>	<b>16</b>

## BSc ENGINEERING TECHNOLOGY (ELECTRONICS)

### PROGRAM DESCRIPTION

The BSc in Engineering Technology (Electronics) is a four-year professional degree program comprising of 8 semesters and a total of 140 credit hours.

### FEE STRUCTURE

Admission fee (One Time)	Rs. 20,000
Examination Fee (Per Semester)	Rs. 7,500
Registration Fee (Per Semester)	Rs. 7,500
Tuition Fee (Per Semester)	Rs. 52,800
ID Card Charges	Rs. 1,000
Library Fee (Per Semester)	Rs. 1,000
Total Fee Of (1st Semester)	Rs. 89,800

\*Fee may vary from Semester to Semester.

### ELIGIBILITY CRITERIA

- HSSC (Pre-Engineering/Pre-Medical) /A-levels /DAE or equivalent examination with at least 50% marks.
- At least 50% marks in NHU Entrance test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
ELH-111	Communication Skills	3+0	ELH-151	Linear Circuit Analysis	1+0
ELH-121	Calculus and Analytical Geometry	2+0	ELS-163	Differential Equations	3+0
ELS-133	Islamic Studies and Social Sciences	3+0	ELH-171	Pakistan Studies	1+0
ELS-143	Applied Physics	3+1	ELT-134	Solid State Electronics	3+1
ELT-113	Information and Communication Technology	1+1	ELT-144	Computer Programming	3+1
ELT-121	Workshop Practices	0+1	ELT-154	Management Sciences Elective-I	3+1
			ELT-161	Social Sciences Elective-I	0+1
	<b>Total Credit Hours</b>	<b>15</b>		<b>Total Credit Hours</b>	<b>17</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
ECT-211	Electrical Network Analysis	2+1	ECT-221	Electrical Machines	3+1
ECN-211	Linear Algebra	2+0	ECH-221	Technical Report Writing	3+1
ECT-212	Digital Electronics	1+1	ECT-222	Instrumentation and Measurements	2+0
ECS-212	Social Science Elective-II	3+0	ECT-223	Amplifier & Oscillators	2+1
ECC-211	Technical Drawing	0+1	ECT-224	Microprocessor and Microcontrollers	3+1
ECT-213	Electronic Devices	2+1	ECT-225	Signal and Systems	0+1
ECI-211	IDTE-I	2+1			
	<b>Total Credit Hours</b>	<b>17</b>		<b>Total Credit Hours</b>	<b>18</b>

# SCHEME OF STUDIES

## 3rd Year

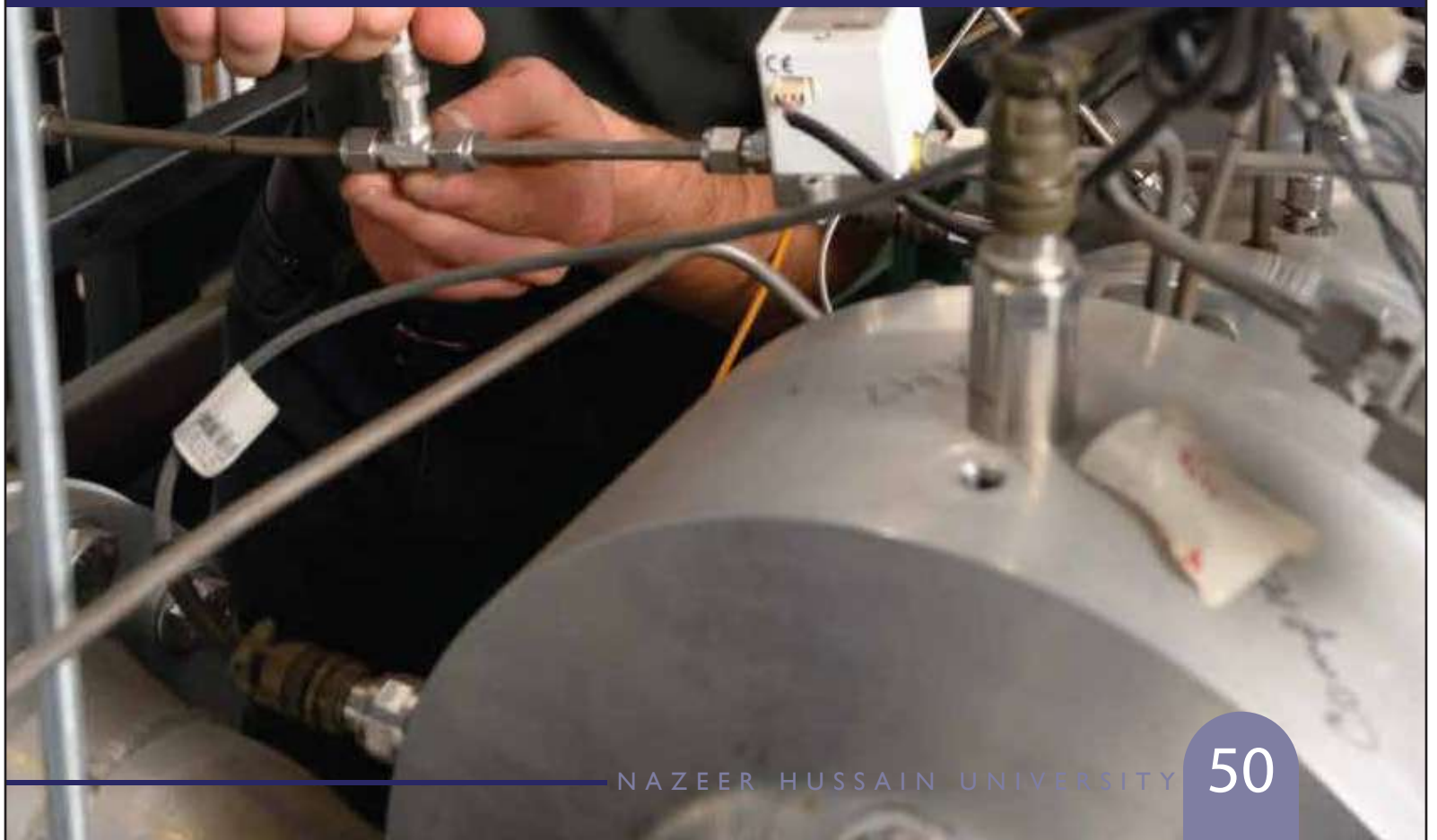
5th Semester			6th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
ECT-311	Communication Systems	2+3	ECT-321	Power Electronics	2+1
ECT-312	Control Systems	3+0	ECT-322	Industrial Automation	1+1
ECN-311	Numerical Analysis Elective-I	3+1	ECT-323	VLSI Technology	2+1
ECM-311	Management Sciences Elective-II	3+0	ECT-324	Elective-I	1+0
ECT-312	Industrial Electronics	2+1	ECT-325	Elective-II	1+0
ECT-313	Project-I	0+3	ECS-321	Social Sciences Elective-III	3+0
			ECT-326	Project -II	0+3
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>16</b>

## 4th Year

7th Semester			8th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
ECT-411	Supervised Industrial Training	16	ECT-421	Supervised Industrial Training (Compulsory)	16
	<b>Total Credit Hours</b>	<b>16</b>		<b>Total Credit Hours</b>	<b>16</b>



# DEPARTMENT OF MECHANICAL ENGINEERING



## INTRODUCTION

The Department of Mechanical Engineering has recognized the realities and acknowledged the demands of the global economy. The new dynamics and diversity provide its graduates with the knowledge and skills necessary for high-quality engineering work as well as advanced engineering research. It fosters active learning, critical thinking, and engineering judgment, combined with business entrepreneurial skills, equipping its graduates with a broad intellectual spectrum to prepare them for competitive career paths.

Following Programs are Under the Department of Mechanical Engineering:

- Bachelor of Engineering Programs.
- Bachelor of Engineering Technical Programs.

## AIMS & OBJECTIVES

The objectives of the Mechanical Engineering Department are to excel in education, innovation, and producing the finest Engineering graduates for both academia and industry. Investing in the intellectual and human capital of each student, emphasizing both breadth and depth of knowledge. Offering multidisciplinary and integrated education. Addressing and surpassing current and future challenges in Mechanical Engineering. Creating a unique environment that promotes educational research, technological economic, cultural, and social enrichment worldwide. Developing graduates with strong engineering ethics and good character. Providing opportunities for the underprivileged to realize their intellectual and human potential.

## BACHELOR OF MECHANICAL ENGINEERING (BEME)

### PROGRAM DESCRIPTION

The program of studies is structured around 4 years of classroom instruction, consisting of 137 credit hours and a total of 50 courses spread over 8 semesters, along with practical work conducted in various laboratories of the Department. Each semester lasts 16 weeks.

### FEE STRUCTURE

Admission fee (One Time)	Rs. 20,000
Examination Fee (Per Semester)	Rs. 7,500
Registration Fee (Per Semester)	Rs. 7,500
Tuition Fee (Per Semester)	Rs. 99,225
ID Card Charges	Rs. 1,000
Library Fee (Per Semester)	Rs. 1,000
Total Fee Of (1st Semester)	Rs. 136,225

\*Fee may vary from Semester to Semester.

### ELIGIBILITY CRITERIA

- HSSC (Pre-Engineering/Pre-Medical) /A-Levels /DAE or equivalent examination with at least 60% marks.
- At least 50% marks in NHU Entrance Test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
IS-101	Islamic Studies/ Ethics (For Non-Muslims)	2+0	GS-103	Linear Algebra & Differential Equations	3+0
GS-101	Calculus and Analytical Geometry	3+0	EE-101	Electrical Engineering	2+0
HS-101	Functional English	3+0	ME-121	Computer Aided Drawing	0+1
GS-102	Applied Chemistry/ Applied Physics	2+1	ME-122	Engineering Mechanics-I, Statics	3+0
CS-101	Applications of ICT	2+1	ME-123	Thermodynamics-I	3+0
ME-111	Engineering Drawing and Graphics	1+1	CS-102	Computer System & Programming	2+1
ME-112	Workshop Practice	1+1	HS-121	Civics & Community Engagement	2+0
HS-105	Understanding of Quran-I/Civics & Community Engagement-I (For Non-Muslims)	1+0	HS-122	Ideology & Constitution of Pakistan	2+0
	<b>Total Credit Hours</b>	<b>19</b>		<b>Total Credit Hours</b>	<b>19</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
ME-211	Engineering Mechanics-II, Dynamics	2+0	ME-221	Instrumentation & Measurement	2+0
ME-212	Mechanics of Materials-I	3+0	ME-222	Mechanics of Materials-II	3+0
EE-201	Electronics Engineering	2+0	ME-223	Fluid Mechanics-II	2+0
GS-201	Complex Variables & Transforms	3+0	ME-224	Machine Design-I	2+0
ME-213	Fluid Mechanics-I	3+0	ME-225	Materials Engineering	2+0
ME-214	Thermodynamics-II	2+0	HS-221	Expository Writing	3+0
MEL-211	Engineering Mechanics Lab	0+1	MEL-223	Fluid Mechanics Lab	0+1
MEL-214	Thermodynamics Lab	0+1	MEL-222	Mechanics of Materials Lab	0+1
EEL-201	Electrical & Electronics Engineering Lab	0+1			
HS-205	Understanding of Quran-II/Civics & Community Engagement-II (For Non-Muslims)	0+1			
	<b>Total Credit Hours</b>	<b>19</b>		<b>Total Credit Hours</b>	<b>16</b>

# SCHEME OF STUDIES

## 3rd Year

5th Semester			6th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
ME-313	Manufacturing Process	2+0	GS-XXX	Social Science Elective	2+0
MEL-313	Manufacturing Process Lab	0+1	ME-322	Heating, Ventilating & Air Conditioning	3+0
ME-315	Mechanics of Machines	2+0	ME-321	Machine Design-II	2+0
ME-314	Control Engineering	2+0	ME-323	Finite Element Methods	2+1
ME-312	Heat & Mass Transfer	3+0	MEL-322	HVAC and H&M Lab	0+1
CS-311	Applied Artificial Intelligence & Machine	2+1	GS-321	Probability & Stochastic/ Math Elective	3+0
MEL-314	M & I and Control Lab	0+1	MS-321	Project Management	2+0
GS-311	Numerical Analysis	2+1	HS-307	Introduction of Cooperative Housing Societies	N/C
HS-301	Pakistan Studies	2+0			
	<b>Total Credit Hours</b>	<b>19</b>		<b>Total Credit Hours</b>	<b>16</b>

## 4th Year

7th Semester			8th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
ME-411	Mechanical Vibrations	3+0	ME-421	Reverse Engineering & Inspection	2+1
ME-412	Internal Combustion Engines	2+1	ME-422	Mechatronics & Robotics Engineering	2+1
ME-XXX	Technical Electives-I	3/2+0/1	ME-XXX	Technical Electives-II	3/2+0+1
HS-XXX	Arts & Humanities Elective	2+0	MS-421	Entrepreneurship	2+0
MEL-411	Mechanisms and Mechanical Vibrations	0+1	ME-424	Occupational Health & Safety	1+0
ME-413	Final Year Design Project-I	0+3	ME-423	Final Year Design Project-II	0+3
	<b>Total Credit Hours</b>	<b>16</b>		<b>Total Credit Hours</b>	<b>15</b>

# BSC ENGINEERING TECHNOLOGY (MECHANICAL)

## PROGRAM DESCRIPTION

BSc Engineering Technology (Mechanical) Program is a 4-year professional degree program comprising 8 semesters and 130 credit hours, including one year of supervised industrial training.

## FEE STRUCTURE

Admission fee (One Time)	Rs. 20,000
Examination Fee (Per Semester)	Rs. 7,500
Registration Fee (Per Semester)	Rs. 7,500
Tuition Fee (Per Semester)	Rs. 52,800
ID Card Charges	Rs. 1,000
Library Fee (Per Semester)	Rs. 1,000
<b>Total Fee Of (1st Semester)</b>	<b>Rs. 89,800</b>

\*Fee may vary from Semester to Semester.

## ELIGIBILITY CRITERIA

- HSSC (Pre-Engineering/Pre-Medical) /A-levels /DAE or equivalent examination with at least 50% marks.
- At least 50% marks in NHU Entrance test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
MEH-112	Islamic Studies / Ethics (For Non-Muslims)	2+0	MES-153	Information and Communication Technologies	3+0
MES-113	Applied Physics	2+1	MEH-122	Pakistan Studies	2+0
MES-123	Applied Mathematics-I	3+0	MET-123	Technical Drawing and Graphics	1+2
MET-144	Basic Electrical & Electronics	2+2	MET-133	Applied Mechanics	2+1
MES-143	Computer Fundamentals	1+2	MES-133	Applied Chemistry	2+1
MET-113	Workshop Technology	1+2	MEM-112	Introduction to Industrial Management	2+0
HS-206	Ideology & Constitution of Pakistan	0+2	HS-105	Understanding of Quran-I/Civics & Community Engagement-I (For Non-Muslims)	1+0
	<b>Total Credit Hours</b>	<b>20</b>		<b>Total Credit Hours</b>	<b>17</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
MEH-213	Communication Skills	3+0	MET-252	Machine Design	2+0
MET-212	Computer aided drafting and Modeling	0+2	MET-264	Fluid Mechanics and Hydraulic machines	3+1
MET-223	Industrial Materials	2+1	MEH-211	Psychology	1+0
MET-233	Mechanics of Material	2+1	MET-273	Probability and Statistics	2+1
MET-244	Applied Thermodynamics	3+1	MEH-222	Functional English	1+1
MES-212	Computer Programming & Applied Artificial Intelligence	1+2	MEH-223	Entrepreneurship	2+1
HS-205	Understanding of Quran-II/Civics & Community Engagement-II (For Non-Muslims)	1+0	MET – 233	Industrial maintenance and Safety	2+1
HS-307	Introduction of Cooperative Housing Societies	N/C			
	<b>Total Credit Hours</b>	<b>19</b>		<b>Total Credit Hours</b>	<b>18</b>

# SCHEME OF STUDIES

## 3rd Year

5th Semester			6th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
MET-313	Heat and Mass Transfer	2+1	MET-353	Instrumentation and Control	2+1
MET-323	Energy and Power Technologies	2+1	MET-363	Mechanical Vibration	2+1
MET-333	Project-I	0+3	MET-373	Heating, Air-condition and Ventilation Technologies	2+1
MET-343	Manufacturing Processes	2+1	MET-333	Total Quality Management	2+1
MEM-313	Project Management	2+1	MET-333	Project-II	0+3
MEH-322	Economics	2+0	MEH-323	Environment Health & Safety	1+0
	<b>Total Credit Hours</b>	<b>17</b>		<b>Total Credit Hours</b>	<b>16</b>

## 4th Year

7th Semester			8th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
MET- 411	16 Weeks Supervised Industrial/ Field Training (8x5=40 Hrs / Week)	0+16	MET- 421	16 Weeks Supervised Industrial/ Field Training (8x5=40 Hrs / Week)	0+16
	<b>Total Credit Hours</b>	<b>16</b>		<b>Total Credit Hours</b>	<b>16</b>



# DEPARTMENT OF CIVIL ENGINEERING TECHNOLOGY



## INTRODUCTION

The Department of Civil Engineering Technology was established at Nazeer Hussain University in 2019. The qualified faculty members are actively engaged in the Civil Department to ensure the program's success. The curriculum for Civil Engineering Technology was approved by the National Technology Council (NTC). Professional activities and training are introduced to promote individual professional development. Practical classes are conducted with the latest equipment in each lab, meeting the program's demands.

## AIMS & OBJECTIVES

The primary objective is to embrace leadership roles and social responsibility. Graduates of the Civil Engineering Technology program will be equipped to solve technical problems using a rational and analytical approach. Civil Engineering Technology graduates will be qualified for advanced managerial positions across all sectors, including business, industry, and government departments. Graduates of the Civil Engineering Technology program will commit to being good human beings.

# BSc ENGINEERING TECHNOLOGY (CIVIL)

## PROGRAM DESCRIPTION

BSc Engineering Technology (Civil) is a 4-year professional degree program consisting of 8 semesters and 136 credit hours, including one year of supervised industrial training.

## FEE STRUCTURE

Admission fee (One Time)	Rs. 20,000
Examination Fee (Per Semester)	Rs. 7,500
Registration Fee (Per Semester)	Rs. 7,500
Tuition Fee (Per Semester)	Rs. 52,800
ID Card Charges	Rs. 1,000
Library Fee (Per Semester)	Rs. 1,000
<b>Total Fee Of (1st Semester)</b>	<b>Rs. 89,800</b>

\*Fee may vary from Semester to Semester.

## ELIGIBILITY CRITERIA

- HSSC (Pre-Engineering/Pre-Medical) /A-levels /DAE or equivalent examination with at least 50% marks.
- At least 50% marks in NHU Entrance test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
HUM-111	Islamic Studies	3+0	CET-121	Concrete Technology	1+2
NSC-111	Applied Mathematics I	3+0	HUM-121	Communication Skills	2+1
CET-111	Materials and Methods of Construction	2+1	CET-122	Civil Engineering drawing, Drafting and Interpretation	1+2
NSC-112	Applied Physics	2+1	COM-121	Introduction to Computer Programing	1+2
HUM-112	Functional English	3+0	NSC-121	Applied Mathematics II	3+0
CET-112	Surveying	1+2	NSC-122	Applied Chemistry	2+1
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
CET-211	Evolution of Architecture and Engineering	2+0	CET-221	Transportation and Highway Technology	2+2
HUM-211	Pakistan Studies	3+0	HUM-221	Human Skills	2+0
HUM-212	Professional Ethics	2+0	CET-222	Soil Mechanics	1+2
CET-212	Environmental Technology	1+1	CET-223	Structural Principles	2+0
CET-213	Fluid Mechanics	2+1	HUM-222	Technical & Scientific Writing	3+0
CET-214	Mechanics of Solids	2+1	NSC-221	Fundamentals of Applied Economics	3+0
	<b>Total Credit Hours</b>	<b>15</b>		<b>Total Credit Hours</b>	<b>17</b>

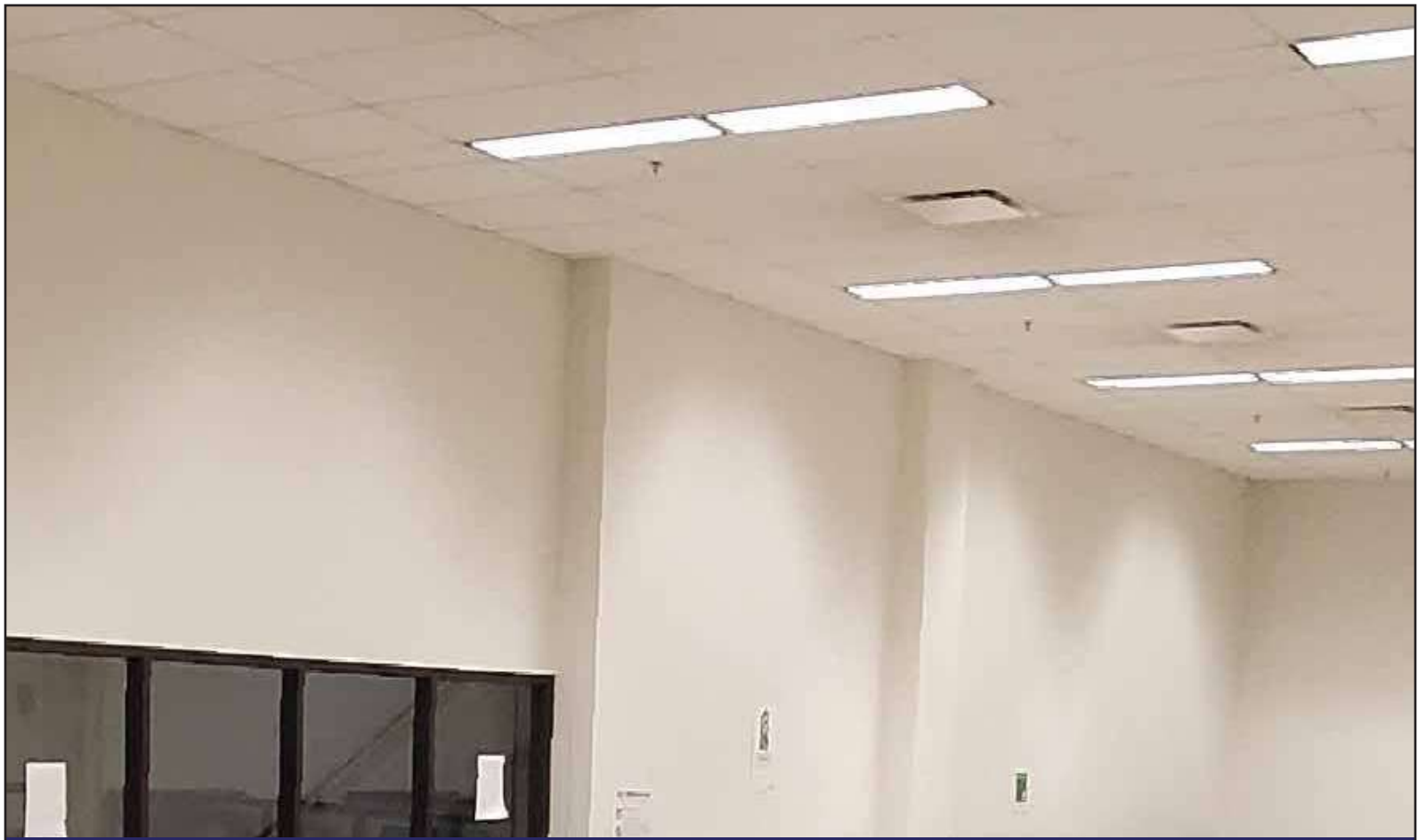
# SCHEME OF STUDIES

## 3rd Year

5th Semester			6th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
CET-311	Hydrology	1+1	CET-321	Geology	1+1
CET-312	Reinforced and Prestressed Concrete	2+1	CET-322	Irrigation Technology	3+0
CET-313	Construction Equipment and Jobsite Practices	2+1	CET-323	Construction of Steel Structures	2+1
CET-314	Computer Aided Drawing and Building Information Modelling	1+2	CET-324	Quantity Surveying and Estimation	1+2
CET-315	Geotechnical Investigation and Foundations	1+1	CET-325	Maintenance and Repair of Civil Works	1+1
CET-316	Electro-Mechanical Technology	2+0	MGM-321	Technopreneurship	2+0
CET-317	Project Part -I	0+3	CET-326	Project Part-II	0+3
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

## 4th Year

7th Semester			8th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
CET-411	Supervised Industrial Training (Compulsory)	16	CET-421	Supervised Industrial Training (Compulsory)	16
	<b>Total Credit Hours</b>	<b>16</b>		<b>Total Credit Hours</b>	<b>16</b>



# DEPARTMENT OF COMPUTER SCIENCES



## INTRODUCTION

The Department of Computer Science within the Faculty of Engineering Practices and Sciences at NHU is committed to nurturing the next generation of competitive computer science enthusiasts ready to lead in the dynamic landscape of 21st century computing. Our curriculum is meticulously designed in accordance with the standards established by the National Computing Education Accreditation Council (NCEAC) of the Higher Education Commission, Pakistan. It offers a diverse range of computer science courses, empowering students to explore and specialize in their areas of interest and expertise. At NHU, we take pride in delivering innovative and technologically relevant content, ensuring that our graduates possess the skills and knowledge necessary to thrive in an ever-evolving digital world. Our curriculum is crafted to prepare students for a wide array of career opportunities, providing a pathway to success in a rapidly developing country. Central to our mission is the belief in the holistic development of our students. Through ongoing evaluation and enhancement of our practices, we are dedicated to nurturing talent, building capacity, and fostering personal branding among our students. We offer a supportive environment where students can excel academically, professionally, and personally, laying the foundation for their future success.

## AIMS & OBJECTIVES

Computer Science intersects with nearly every facet of modern life, ranging from image processing and big data analysis to robotics and the creation of cutting-edge network algorithms. In our department, we are committed to providing a professional education that prepares students for the wide array of opportunities available in today's dynamic landscape and those that will arise in the future. Our goal is to equip students for a world defined by interdisciplinary collaboration and live project initiatives. Through our curriculum, students acquire the expertise needed to excel in various fields such as scientific research, banking, aviation, large-scale industry, education, business, and numerous other related sectors, in addition to the software development industry. We emphasize offering students practical, hands-on experience and encouraging the application of their skills in real-world situations. By fostering a deep understanding of core concepts alongside opportunities for experiential learning, we empower our students to become adaptable professionals capable of thriving in any professional environment they choose to enter.

# BS IN COMPUTER SCIENCE (BSCS)

## PROGRAM DESCRIPTION

BS in Computer Science is a 4-years program divided into 8 semesters, adhering to the HEC recommended curriculum. It consists of 39 courses and a final year project (which is completed over two semesters), totaling 130 credit hours. The minimum duration for earning a BS degree is four years.

## FEE STRUCTURE

Admission fee (One Time)	Rs. 20,000
Examination Fee (Per Semester)	Rs. 7,500
Registration Fee (Per Semester)	Rs. 7,500
Tuition Fee (Per Semester)	Rs. 82,950
ID Card Charges	Rs. 1,000
Library Fee (Per Semester)	Rs. 1,000
<b>Total Fee Of (1st Semester)</b>	<b>Rs. 119,950</b>

\*Fee may vary from Semester to Semester.

## ELIGIBILITY CRITERIA

- HSSC (Pre-Engineering/Pre-Medical) /A-levels /DAE or equivalent examination with at least 50% marks.
- At least 50% marks in NHU Entrance test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
CS-101	Introduction to Information and Communication Technology	2+1	CS-111	Object Oriented Programming	3+1
CS-102	Programming Fundamentals	3+1	CS-112	Database Systems	3+1
HS-101	English Composition & Comprehension	3+0	CS-113	Digital Logic Design	3+1
HS-102	Islamic Studies/ Ethics	2+0	HS-111	Communication & Presentation Skills	3+0
NS-001	Foundation Mathematics I (for pre-medical)	0+0	HS-112	Pakistan Studies	2+1
NS-101	Discrete Structures	3+0	NS-002	Foundation Mathematics II (for pre-medical)	0+0
NS-102	Calculus & Analytical Geometry	3+0			
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>17</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
CS-201	Data Structures	3+1	CS-211	Computer Organization & Assembly Language	3+1
CS-202	Software Engineering	3+0	CS-212	Theory of Automata	3+0
CS-203	Computer Networks	3+1	CS-213	Design & Analysis of Algorithms	3+0
CS-205	Artificial Intelligence	3+1	NS-212	Multivariate Calculus	3+0
NS-211	Applied Physics	3+0	CS-204	Information Security	3+0
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>16</b>

# SCHEME OF STUDIES

## 3rd Year

5th Semester			6th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
CS-301	Operating Systems	3+0	NS-213	Differential Equations	3+0
CS-302	Parallel & Distributed Computing	3+1	CS-3XX	CS Elective-III	3+0
CS-3XX	CS-Elective-I	3+0	CS-3XX	CS Elective-IV	3+0
CS-3XX	CS Elective-II	3+0	MS-311	Principles of Management	3+0
NS-301	Probability & Statistics	3+0	NS-314	Linear Algebra	3+0
	<b>Total Credit Hours</b>	<b>16</b>		<b>Total Credit Hours</b>	<b>15</b>

## 4th Year

7th Semester			8th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
CS-401	Compiler Construction	0+3	CS-4XX	CS Elective-VI	3+0
CS-4XX	CS Elective-V	3+0	CS-4XX	CS Elective-VII	3+0
CSP-498	Final Year Project -I	0+3	CSP-499	Final Year Project -II	0+3
HS-401	Technical & Business Writing	3+0	HS-411	Professional Practices	3+0
MS-401	Entrepreneurship	3+0	MS-4XX	Elective Supporting Courses	3+0
	<b>Total Credit Hours</b>	<b>15</b>		<b>Total Credit Hours</b>	<b>15</b>

# ELECTIVES

## Computing Core Courses

Course Code	Course Name	Credit Hour
CS-101	Introduction to Information and Communication Technologies	2+1
CS-102	Programming Fundamentals	3+1
CS-111	Object Oriented Programming	3+1
CS-112	Database Systems	3+1
CS-113	Software Engineering	3+0
CS-201	Data Structures	3+1
CS-203	Computer Networks	3+1
CS-213	Design & Analysis of Algorithms	3+0
CS-205	Artificial Intelligence	2+1
CS-214	Information Security	3+0
CS-301	Operating Systems	3+1
CSP-498	Final Year Project -I	0+3
CSP-499	Final Year Project -II	0+3

## Domain Core Courses

Course Code	Course Name	Credit Hour
CS-113	Digital Logic Design	3+1
CS-211	Computer Organization & Assembly Language	3+1
CS-212	Theory of Automata	3+0
CS-302	Parallel & Distributed Computing	3+0
CS-401	Compiler Construction	3+0

## BS Computer Science Elective Courses

Course Code	Course Name	Credit Hour
CS-308	E-Commerce	3+0
CS-309	Multimedia Systems	3+0
CS-313	Internet of Things	3+0
CS-318	Complex Variables and Transforms	3+0
CS-322	Simulation and Modeling	3+0
CS-407	Semantic Web	3+0
CS-409	Numerical Computing	3+0
CS-455	Emerging Trends and Technologies	2+1

# ELECTIVES

## Computer Networks & Information Security

Course Code	Course Name	Credit Hour
CS-305	Block chain Technology	3+0
CS-314	Cloud Computing and Security	3+0
CS-317	Cryptography and Network Security	3+0
CS-410	Advanced Database Management Systems	3+0
CS-405	Information Systems Audit	3+0

## Mobile and Web Application Development

Course Code	Course Name	Credit Hour
CS-321	Game Development	3+0
CS-404	HCI & Computer Graphics	3+0
CS-406	Mobile Application Development	2+1
CS-312	Web Engineering	3+0

## Ubiquitous Computing

Course Code	Course Name	Credit Hour
CS-307	Ubiquitous Computing	3+0
CS-320	Context Aware Applications	3+0

## Artificial Intelligence

Course Code	Course Name	Credit Hour
CS-412	Computer Vision	3+0
CS-411	Machine Learning	2+1
CS-413	Fuzzy Logic	3+0
CS-408	Natural Language Processing	3+0
CS-319	Digital Image Processing	3+0

## Data Science

Course Code	Course Name	Credit Hour
CS-306	Data Science	2+1
CS-414	Data Warehousing and Data Mining	2+1
CS-402	Data Mining	2+1

# ELECTIVES

## Software Engineering

Course Code	Course Name	Credit Hour
CS-311	Software Project Management	3+0
CS-316	Software Architecture	3+0
CS-403	Software Quality Assurance	3+0
CS-415	Software Requirements Engineering	3+0

## BS Computer Science Mathematics & Supporting Courses

Course Code	Course Name	Credit Hour
NS-214	Linear Algebra	3+0
NS-202	Probability & Statistics	3+0
NS-212	Multivariate Calculus	3+0
NS-213	Differential Equations	3+0

## Elective Supporting Courses

Course Code	Course Name	Credit Hour
MS-412	Principles of Marketing	3+0
MS-412	Financial Accounting	3+0
MS-402	Human Resource Management	3+0
MS-411	Organizational Behavior	3+0
MS-413	Logic & Critical Thinking	3+0
MS-414	Project Management	3+0

## General Education Requirement Courses

Course Code	Course Name	Credit Hour
HS-101	English Composition & Comprehension	3+0
HS-111	Communication & Presentation Skills	3+0
HS-102	Islamic Studies/ Ethics	2+0
HS-112	Pakistan Studies	2+0
NS-101	Discrete Structures	3+0
NS-102	Calculus & Analytical Geometry	3+0
NS-201	Applied Physics	3+0
MS-311	Principles of Management	3+0
MS-401	Entrepreneurship	3+0
HS-401	Technical and Business Writing	3+0
HS-411	Professional Practices	3+0

# BS IN SOFTWARE ENGINEERING (BSSE)

## PROGRAM DESCRIPTION

BS Software Engineering is a 4-years program divided into 8 semesters and adheres to the HEC recommended curriculum. It consists of 40 courses and a final year project (which is completed over two semesters) totaling 130 credit hours. The minimum duration for completing a BS degree is four years.

## FEE STRUCTURE

Admission fee (One Time)	Rs. 20,000
Examination Fee (Per Semester)	Rs. 7,500
Registration Fee (Per Semester)	Rs. 7,500
Tuition Fee (Per Semester)	Rs. 82,950
ID Card Charges	Rs. 1,000
Library Fee (Per Semester)	Rs. 1,000
Total Fee Of (1st Semester)	Rs. 119,950

\*Fee may vary from Semester to Semester.

## ELIGIBILITY CRITERIA

- HSSC (Pre-Engineering/Pre-Medical) /A-levels /DAE or equivalent examination with at least 50% marks.
- At least 50% marks in NHU Entrance test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
CS-101	Introduction to Information and Communication Technologies	2+1	CS-111	Object Oriented Programming	3+1
CS-102	Programming Fundamentals	3 + 1	CS-112	Database Systems	3+1
HS-101	English Composition & Comprehension	3 + 0	CS-113	Software Engineering	3 + 0
HS-102	Islamic Studies/ Ethics	2 + 0	HS-111	Communication & Presentation Skills	3+0
NS-001	Foundation Mathematics I (for pre-medical)	0+0	HS-112	Pakistan Studies	2+0
NS-101	Discrete Structures	3+0	NS-002	Foundation Mathematics II (for pre-medical)	0+0
NS-102	Calculus & Analytical Geometry	3+0			
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>16</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
CS-201	Data Structures	3+1	CS-214	Information Security	3+0
CS-203	Computer Networks	3 + 1	NS-214	Linear Algebra	3+0
NS-201	Applied Physics	3 + 0	SE-211	Software Requirement Engineering	3+0
NS-202	Probability & Statistics	3+0	SE-212	Software Design & Architecture	3+0
SE-205	Artificial Intelligence	2+1	SE-212	Multivariate Calculus	3+0
			SE-213	Design & Analysis of Algorithms	3+0
	<b>Total Credit Hours</b>	<b>17</b>		<b>Total Credit Hours</b>	<b>18</b>

# SCHEME OF STUDIES

## 3rd Year

5th Semester			6th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
CS-301	Operating Systems	3+1	MS-312	Principles of Marketing	3+0
SE-301	Software Construction and Development	3+0	SE-311	Software Project Management	3+0
SE-302	Parallel & Distributed Computing	3+0	SE-312	Web Engineering	3+0
SE-3XX	SE Elective - I	3+0	SE-3XX	SE Elective - III	3+0
SE-3XX	SE Elective - II	3+0	SE-3XX	SE Elective - IV	3+0
	<b>Total Credit Hours</b>	<b>16</b>		<b>Total Credit Hours</b>	<b>15</b>

## 4th Year

7th Semester			8th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
CSP-498	Final Year Project -I	0+3	CSP-499	Final Year Project -II	0+3
HS-401	Technical and Business Writing	3+0	HS-411	Professional Practices	3+0
MS-401	Entrepreneurship	3+0	MS-4XX	Elective Supporting Course	3+0
SE-403	Software Quality Engineering	3+0	SE-4XX	SE Elective - VI	3+0
SE-4XX	SE Elective - V	3+0	SE-4XX	SE Elective - VII	2+1
	<b>Total Credit Hours</b>	<b>15</b>		<b>Total Credit Hours</b>	<b>15</b>

# ELECTIVES

## Computing Core Courses

Course Code	Course Name	Credit Hour
CS-101	Introduction to Information and Communication Technologies	2+1
CS-102	Programming Fundamentals	3+1
CS-111	Object Oriented Programming	3+1
CS-112	Database Systems	3+1
CS-113	Software Engineering	3+0
CS-201	Data Structures	3+1
CS-203	Computer Networks	3+1
CS-213	Design & Analysis of Algorithms	3+0
CS-205	Artificial Intelligence	2+1
CS-214	Information Security	3+0
CS-301	Operating Systems	3+1
CSP-498	Final Year Project -I	0+3
CSP-499	Final Year Project -II	0+3

## Domain Core Courses

Course Code	Course Name	Credit Hour
SE-211	Software Requirement Engineering	3+0
SE-212	Software Design & Architecture	3+0
SE-301	Software Construction and Development	3+0
SE-302	Parallel & Distributed Computing	3+0
SE-311	Software Project Management	3+0
SE-403	Software Quality Engineering	3+0

## BS Software Engineering Elective Courses

Course Code	Course Name	Credit Hour
SE-304	Management Information System	3+0
SE-305	Block chain Technology	3+0
SE-306	Software Engineering Economics	3+0
SE-307	Agent Based Software Engineering	3+0
SE-308	E-Commerce	3+0
SE-309	Software Re-Engineering	3+0
SE-402	Visual Programming	3+0
SE-404	HCI & Computer Graphics	3+0
SE-412	Big Data Analytics	3+0
SE-455	Emerging Trends and Technologies	2+1

# ELECTIVES

## BS Software Engineering Mathematics & Supporting courses

Course Code	Course Name	Credit Hour
NS-214	Linear Algebra	3+0
NS-202	Probability & Statistics	3+0
SE-212	Multivariate Calculus	3+0

## Elective Supporting Courses

Course Code	Course Name	Credit Hour
MS-412	Principles of Marketing	3+0
MS-412	Financial Accounting	3+0
MS-402	Human Resource Management	3+0
MS-411	Organizational Behavior	3+0
MS-413	Logic & Critical Thinking	3+0
MS-414	Project Management	3+0

## General Education Requirement Courses

Course Code	Course Name	Credit Hour
HS-101	English Composition & Comprehension	3+0
HS-111	Communication & Presentation Skills	3+0
HS-102	Islamic Studies/ Ethics	2+0
HS-112	Pakistan Studies	2+0
NS-101	Discrete Structures	3+0
NS-102	Calculus & Analytical Geometry	3+0
NS-201	Applied Physics	3+0
MS-311	Principles of Management	3+0
MS-401	Entrepreneurship	3+0
HS-401	Technical and Business Writing	3+0
HS-411	Professional Practices	

# ASSOCIATE DEGREE PROGRAM IN COMPUTER SCIENCE

## PROGRAM DESCRIPTION

The duration of ADP-CS program is 2 years, divided in 4 semesters and consisting of 71 credit hours.

## FEE STRUCTURE

Admission fee (One Time)	Rs. 20,000
Examination Fee (Per Semester)	Rs. 7,500
Registration Fee (Per Semester)	Rs. 7,500
Tuition Fee (Per Semester)	Rs. 65,100
ID Card Charges	Rs. 1,000
Library Fee (Per Semester)	Rs. 1,000
Total Fee Of (1st Semester)	Rs. 102,100

\*Fee may vary from Semester to Semester.

## ELIGIBILITY CRITERIA

- HSSC (Pre-Engineering/Pre-Medical) /A-levels /DAE or equivalent examination with at least 50% marks.
- At least 50% marks in NHU Entrance test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
CS-102	Introduction to Information and Communication Technology	2+1	HS-102	Islamic Studies	2+ 0
CS-101	Programming Fundamentals, Lab in C	3+1	HS-201	Technical and Business Writing	3+ 0
HS-101	English Composition & Comprehension	3+ 0	NS-101	Discrete Structures	3+ 0
NS-102	Calculus and Analytical Geometry	3+ 0	NS-210	Multivariate Calculus	3+ 0
CS-212	Digital Logic Design	3+ 0	CS-111	Object Oriented Programming, Lab in Java	3+ 1
HS-103	Pakistan Studies	2+ 0	MS-307	Principles of Marketing	3+ 0
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
CS-213	Database Systems, Lab in MySQL	3+ 1	CS-313	Artificial Intelligence, Lab in Python	3+ 1
CS-201	Computer Organization & Assembly Language, Lab in Assembly	3+ 1	CS-409	Mobile Application Development, Lab Android Studio	3+ 1
CS-211	Data Structures & Algorithms, Lab in C #	3+ 1	CS-204	Software Engineering	3+ 0
NS-110	Differential Equations	3+ 0	CS-402	E-Commerce	3+ 0
MS-308	Principles of Management	3+ 0	MS-402	University Elective - III (Entrepreneurship)	3+ 0
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>17</b>



# DEPARTMENT OF BUSINESS AND MANAGEMENT STUDIES



## INTRODUCTION

The Department of Business & Management Studies offers BBA (4 years) programs for both 4 years and 2 years, as well as ADP-BM and MBA programs with various specialized areas of study. These programs provide a strong foundation in business and management, allowing students to specialize in their chosen field of study, including their final dissertations. Our dedicated faculty at NHU will share their extensive knowledge and experience to help students develop the skills needed to succeed in the professional world. Additionally, the course duration includes co-curricular activities designed to enhance connections with the current market and industry, contributing to the development of students as professional business executives. By enrolling in these programs, students will gain awareness of the modern business world and develop critical thinking and problem-solving skills. This will support their career development and prepare them for managerial roles, advancing their professional careers.

## AIMS & OBJECTIVES

To provide quality education to all, we aspire to motivate students to pursue and achieve their highest objectives for themselves. To prepare students to meet all professional challenges of the future. To impart knowledge that is first rate through purposeful use of diverse experience, skill and modern technology. To develop active learning, decision making skills in students to attain the intelligence needed to analyze problems, devise pragmatic solutions.

## BACHELOR OF BUSINESS ADMINISTRATION (BBA - 4 YEARS)

### PROGRAM DESCRIPTION

The duration of BBA program is 4 years, divided in 8 semesters and consisting of 136 credit hours.

### FEE STRUCTURE

Admission fee (One Time)	Rs. 20,000
Examination Fee (Per Semester)	Rs. 7,500
Registration Fee (Per Semester)	Rs. 7,500
Tuition Fee (Per Semester)	Rs. 88,200
ID Card Charges	Rs. 1,000
Library Fee (Per Semester)	Rs. 1,000
Total Fee Of (1st Semester)	Rs. 125,200

\*Fee may vary from Semester to Semester.

### ELIGIBILITY CRITERIA

- HSSC/ A - levels or equivalent examination with at least 45% marks.
- At least 50% marks in NHU Entrance test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
ENG-113	"Freshmen English-I"	3	HUM-204	Psychology	3
SSC-216	Islamic Studies	2	HUM-121	Pakistan Studies	2
HUM-203	Sociology	3	ENG-114	"Freshmen English-II"	3
MGT-102	Introduction to Business Management	3	ECO-101	Micro Economics	3
MKT-201	Principles of Marketing	3	MAT-103	Business Maths	3
ACC-101	Principles of Accounting	3	MGT-201	Principles of Management	3
	<b>Total Credit Hours</b>	<b>17</b>		<b>Total Credit Hours</b>	<b>17</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
LNG-111	Foreign Language I	3	HUM-201	Introduction to Business Law	3
ACC-203	Financial Accounting	3	EGL-202	Business Communications	3
ECO-201	Macro Economics	3	FIN-211	Introduction to Business Finance	3
EGL-201	Oral Communication	3	HUM-451	Human Rights & Conflict Resolution	3
MAT-202	Statistics	3	IR-301	International Relations	3
MKT-401	Marketing Management	3	MAT-304	Quantitative Analysis for Business	3
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

# SCHEME OF STUDIES

## 3rd Year

5th Semester			6th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
MKT-404	Consumer Behavior	3	ECO-401	Money & Banking	3
CSC-491	Management Information System	3	MGT-111	Basic of Research Methods	3
ECO-302	Consumer Behavior	3	MGT-412	Entrepreneurship	3
LNG-211	Foreign Language II	3	MGT-204	Project Management	3
MAT-404	Inferential Statistics For Research	3	ELC-1	Elective I	3
MGT-501	Human Resource Management	3	FIN-311	Financial Management	3
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

## 4th Year

7th Semester			8th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
MGT-513	Organizational Behavior	3	MGT-518	Supply Chain Management	3
MGT-519	Production Operation Mgt	3	ELC-3	Elective III	3
ECO-411	Analysis of Pakistani Industries	3	MGT-304	Corporate Social Responsibility	3
ACC-502	Managerial Accounting	3	ELC-4	Elective IV	3
ELC-2	Elective II	3	MS-601	Capstone Project	3
INT-502	Internship	0			
	<b>Total Credit Hours</b>	<b>15</b>		<b>Total Credit Hours</b>	<b>15</b>

## BACHELOR OF BUSINESS ADMINISTRATION (BBA-2 YEARS)

### PROGRAM DESCRIPTION

The duration of BBA program is 2 years divided in 4 semesters and consisting of 66 credit hours.

### FEE STRUCTURE

Admission fee (One Time)	Rs. 20,000
Examination Fee (Per Semester)	Rs. 7,500
Registration Fee (Per Semester)	Rs. 7,500
Tuition Fee (Per Semester)	Rs. 75,600
ID Card Charges	Rs. 1,000
Library Fee (Per Semester)	Rs. 1,000
Total Fee Of (1st Semester)	Rs. 112,600

\*Fee may vary from Semester to Semester.

### ELIGIBILITY CRITERIA

- B. Com/B.A or equivalent examination with at least 45% marks.
- At least 50% marks in NHU Entrance test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
MKT-404	Consumer Behavior	3	ECO-401	Money & Banking	3
CSC-491	Management Information System	3	MGT-111	Basic of Research Methods	3
ECO-302	E-Commerce	3	MGT-412	Entrepreneurship	3
LNG-211	Foreign Language II	3	MGT-204	Project Management	3
MAT-404	Inferential Stats for Resrh	3	ELC-1	Elective I	3
MGT-501	Human Resource Mgt	3	FIN-311	Financial Management	3
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
MGT-513	Organizational Behavior	3	MGT-518	Supply Chain Management	3
MGT-519	Production Operation Mgt	3	ELC-3	Elective III	3
ECO-411	Analysis of Pakistani Industries	3	MGT-304	Corporate Social Responsibility	3
ACC-502	Managerial Accounting	3	ELC-4	Elective IV	3
ELC-2	Elective II	3	MS-601	Capstone Project	6
INT-502	Internship	1			
	<b>Total Credit Hours</b>	<b>16</b>		<b>Total Credit Hours</b>	<b>18</b>

## MASTER OF BUSINESS ADMINISTRATION (MBA-1.5 YEARS)

### PROGRAM DESCRIPTION

The duration of MBA program is 1.5 years, divided in 3 semesters comprising of 11 courses and 33 Credit Hrs.

### FEE STRUCTURE

Admission fee (One Time)	Rs. 20,000
Examination Fee (Per Semester)	Rs. 7,500
Registration Fee (Per Semester)	Rs. 7,500
Tuition Fee (Per Semester)	Rs. 63,000
ID Card Charges	Rs. 1,000
Library Fee (Per Semester)	Rs. 1,000
Total Fee Of (1st Semester)	Rs. 100,000

\*Fee may vary from Semester to Semester.

### ELIGIBILITY CRITERIA

- 16 years of education or equivalent examination with at least 60% marks or 2.0 CGPA.
- At least 50% marks in NHU Entrance test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
MGT-502	Strategic Management	3	M ELC-2	Elective II	3
MGT-620	Advance Research Methods	3	M ELC-3	Elective III	3
MKT-604	Strategic Marketing	3	MS-601/ MGT-619	Thesis Proposal	3
M ELC-1	Elective I	3	FIN-607	Strategic Finance	3
	<b>Total Credit Hours</b>	<b>12</b>		<b>Total Credit Hours</b>	<b>12</b>

## 2nd Year

3rd Semester		
Course Code	Course Titles	Credit Hours
M-ELC4	Elective IV	3
M-GT619	Change Management	3
MS-602/ EC-O610	Thesis Defense	3
	<b>Total Credit Hours</b>	<b>9</b>

## MASTER OF BUSINESS ADMINISTRATION (MBA -2 YEARS)

### PROGRAM DESCRIPTION

The duration of MBA program comprises of 2 years (4 Regular Semesters) of Study + Project, comprising of 66 Credit Hours and 22 Courses after 16 years of Education.

### FEE STRUCTURE

Admission fee (One Time)	Rs. 20,000
Examination Fee (Per Semester)	Rs. 7,500
Registration Fee (Per Semester)	Rs. 7,500
Tuition Fee (Per Semester)	Rs. 75,600
ID Card Charges	Rs. 1,000
Library Fee (Per Semester)	Rs. 1,000
Total Fee Of (1st Semester)	Rs. 112,600

\*Fee may vary from Semester to Semester.

### ELIGIBILITY CRITERIA

- 16 years of Education or equivalent examination with at least 60% marks or 2.0 CGPA.
- At least 50% marks in NHU Entrance Test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
ACC-203	Financial Accounting	3	MGT-111	Basic of Research Methods	3
MKT-201	Principles of Marketing	3	ECO-401	Money & Banking	3
FIN-211	Introduction to Business Finance	3	ACC-502	Managerial Accounting & Control Systems	3
EGL-202	Business Communications	3	MAT-304	Quantitative Analysis for Business	3
MAT-204	Business Mathematics & Statistic	3	MKT-401	Marketing Management	3
MGT-501	Human Resource Management	3	FIN-311	Financial Management	3
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
EM-513	Strategic Management	3	MGT-619	Change Management	3
MGT-502	Advance Research Methods	3	M ELC-2	Elective II	3
MGT-620	Financial Reporting Analysis	3	FIN-607	Strategic Finance	3
M ELC-1	Elective I	3	MKT-604	Strategic Marketing	3
MS-601/ M ELC-3	Thesis Proposal/ Elecive III	3	MS-602/ M ELC-4	Thesis Defense/ Elecive IV	3
	<b>Total Credit Hours</b>	<b>15</b>		<b>Total Credit Hours</b>	<b>15</b>

## ASSOCIATE DEGREE PROGRAM IN BUSINESS MANAGEMENT (2-YEARS)

### PROGRAM DESCRIPTION

The duration of ADP-BM program is 2 years, divided in 4 semesters and consisting of 24 courses and 70 credit hours.

### FEE STRUCTURE

Admission fee (One Time)	Rs. 20,000
Examination Fee (Per Semester)	Rs. 7,500
Registration Fee (Per Semester)	Rs. 7,500
Tuition Fee (Per Semester)	Rs. 65,100
ID Card Charges	Rs. 1,000
Library Fee (Per Semester)	Rs. 1,000
<b>Total Fee Of (1st Semester)</b>	<b>Rs. 102,100</b>

\*Fee may vary from Semester to Semester.

### ELIGIBILITY CRITERIA

- HSSC/A-Levels or equivalent examination with Passing Marks.
- At least 50% marks in NHU Entrance Test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
ENG-113	Freshmen English-I	3	HUM-204	Psychology	3
SSC-216	Islamic Studies	2	HUM-121	Pakistan Studies	2
HUM-203	Sociology	3	ENG-114	Freshmen English-II	3
MGT-102	Introduction to Business Management	3	ECO-101	Micro Economics	3
MKT-201	Principles of Marketing	3	MAT-103	Business Maths	3
ACC-101	Principles of Accounting	3	MGT-201	Principles of Management	3
	<b>Total Credit Hours</b>	<b>17</b>		<b>Total Credit Hours</b>	<b>17</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
LNG-111	Foreign Language I	3	HUM-201	Introduction to Business Law	3
ACC-203	Financial Accounting	3	EGL-202	Business Communications	3
ECO-201	Micro Economics	3	FIN-211	Introduction to Business Finance	3
EGL-201	Oral Communication	3	HUM-451	Human Rights & Conflict Resolution	3
MAT-202	Statistics	3	IR-301	International Relations	3
MKT-401	Marketing Management	3			
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>



# BACHELOR OF MEDIA & COMMUNICATION STUDIES

## PROGRAM DESCRIPTION

The duration of BS of Media Science program is 4 years, divided in 8 semesters and consisting of 136 credit hours.

## FEE STRUCTURE

<b>Admission fee (One Time)</b>	Rs. 15 ,000
<b>Security Deposit (One Time)</b>	Rs. 5,000 (Refundable)
<b>Examination Fee (Per Semester)</b>	Rs. 7,500
<b>Registration Fee (Per Semester)</b>	Rs. 5,000
<b>Tuition Fee (Per Semester)</b>	Rs. 80,000
<b>Activity Charges (Per Semester)</b>	Rs. 2,500
<b>ID Card Charges</b>	Rs. 500
<b>Library Fee (Per Semester)</b>	Rs. 500
<b>Total Fee Of (1st Semester)</b>	Rs. 116,000

\*Fee may vary from Semester to Semester.

## ELIGIBILITY CRITERIA

- HSSC/ A - levels or equivalent examination with at least 45% marks.
- At least 50% marks in NHU Entrance test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Serial no.	Course Titles	Credit Hours	Serial no.	Course Titles	Credit Hours
1	Introduction to Mass Communication	3	1	Mass Media in Pakistan	3
2	Function English-I	3	2	News Writing (English/Urdu)	3
3	Islamic Studies	2	3	Writing & Presentation Skill (English-III)	3
4	Computer Skill for Mass Communication	3	4	Pakistan Studies	3
5	Psychology	3	5	Functional Urdu	3
6	Political Science	3	6	Sociology	3
	<b>Total Credit Hours</b>	<b>17</b>		<b>Total Credit Hours</b>	<b>18</b>

## 2nd Year

3rd Semester			4th Semester		
Serial no.	Course Titles	Credit Hours	Serial no.	Course Titles	Credit Hours
1	Broadcast Journalism (TV & Radio)	3	1	Reporting & Editing Workshop (English/Urdu)	3
2	Editing News/Copy English (English/Urdu)	3	2	Media Ethics & Law	3
3	Current Affairs	3	3	Introduction to Film & Theater Studies	3
4	Communication Skill (English-III)	3	4	Optional Subject (Other Discipline-II)	2
5	Economics	3	5	Optional Subject (Other Discipline-III)	3
6	Optional Subject (Other Discipline-I)	3	6		
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>14</b>

# SCHEME OF STUDIES

## 3rd Year

5th Semester			6th Semester		
Serial no.	Course Titles	Credit Hours	Serial no.	Course Titles	Credit Hours
1	Introduction to Advertising & PR	3	1	Feature, Column & Editorial Writing	3
2	Online Journalism	3	2	Communication Theories-II	3
3	Communication Theories-I	3	3	Foundation of Behavioral Research-II	3
4	Contemporary World Media	3	4	Media Seminar	3
5	Optional (Foundation)	3	5	Statics	3
			6	Optional Subject (Other Discipline-IV)	3
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

## 4th Year

7th Semester			8th Semester		
Serial no.	Course Titles	Credit Hours	Serial no.	Course Titles	Credit Hours
1	Foundation of Behavioral Research-II	3	1	International Communication	3
2	Development Communication/DSC	3	2	Final Project/Research Reports/Res.Article	6
3	Intership	3	3	Optional (Foundation-II)	3
4	Specialized Sequence Subject-I	3	4	Specialized Sequence Subject-I	3
5	Specialized Sequence-II	3	5	Specialized Sequence Subject-II	3
	<b>Total Credit Hours</b>	<b>15</b>		<b>Total Credit Hours</b>	<b>18</b>



# DEPARTMENT OF EDUCATION



## INTRODUCTION

The curriculum provided seeks to enhance knowledge and confidence, empowering teachers to become leaders in their field. It prepares them to make effective decisions in diverse contexts while promoting professional excellence within the socio-cultural framework.

## AIMS & OBJECTIVES

To equip students to face all future professional challenges. To share knowledge through the intentional use of varied experiences, skills, and modern technology. To cultivate active learning and problem-solving skills in students to create practical solutions.

# BACHELOR OF EDUCATION (4 YEARS)

## PROGRAM DESCRIPTION

The duration of B.Ed program is 4 years, divided in 8 semesters and consisting of 143 credit hours.

## FEE STRUCTURE

<b>Admission fee (One Time)</b>	Rs. 15 ,000
<b>Security Deposit (One Time)</b>	Rs. 5,000 (Refundable)
<b>Examination Fee (Per Semester)</b>	Rs. 7,500
<b>Registration Fee (Per Semester)</b>	Rs. 5,000
<b>Tuition Fee (Per Semester)</b>	Rs. 44,000
<b>Activity Charges (Per Semester)</b>	Rs. 2,500
<b>ID Card Charges</b>	Rs. 500
<b>Library Fee (Per Semester)</b>	Rs. 500
<b>Total Fee Of (1st Semester)</b>	Rs. 80,000

\*Fee may vary from Semester to Semester.

## ELIGIBILITY CRITERIA

- HSSC/ A-levels or equivalent examination with at least 45% marks.
- At least 50% marks in NHU Entrance test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
CS-113	Functional English-I (Compulsory)	3	CT-124	English-II (Communication Skills Compulsory)	3
CS-124	Islamic Studies / Ethics (Compulsory)	3	CT-134	Computer Literacy (Compulsory)	3
CH-114	Child Development (Foundation)	3	CT-144	Classroom Management (Foundation)	3
CT-114	Urdu / Regional Languages (Content)	3	CT-154	General Mathematics (Compulsory)	3
CH-121	General Science (Content)	3	CH-131	Pakistan Studies (Compulsory)	3
CH-121	General Methods of Teaching (Foundation)	3	CH-132	Methods of Teaching Islamic Studies (Professional)	3
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
CS-213	Teaching Literacy Skills (Professional)	3	CT-254	Classroom Assessment (Foundation)	3
CT-214	Art, Crafts and Calligraphy (Content)	3	CT-264	Teaching of English (Professional)	3
CT-224	Teaching of Urdu/ ** Regional Languages (Professional)	3	CM-214	Teaching of Mathematics (Professional)	3
CT-234	Teaching of General Science (Professional)	3	CT-273	School, community and Teacher (Foundation)	2+1
CT-244	Instructional and Communication Technology (ICT) in Education (Professional)	3	CM-221	Teaching of Social Studies (Professional)	2
CT-245	Teaching Practice (Short Term)	3	CH-212	Teaching Practice	3
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>17</b>

# SCHEME OF STUDIES

## 3rd Year

5th Semester			6th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
CS-113	English -III (Technical Writing & Presentation Skills) (Compulsory)	3	CT-124	Contemporary Issues and Trends in Education (Professional)	3
CS-124	Foundations of Education (Foundation)	3	CT-134	Content Course -II (from selected discipline -I)	3
CH-114	Content Course -I (from selected discipline -I)	3	CT-144	Content Course -II (from selected discipline -II)	3
CT-114	Content Course -I (from selected discipline -II)	3	CT-154	Comparative Education (Professional)	3
CH-121	Curriculum Development (Foundation)	3	CH-131	Introduction to Guidance and Counseling (Professional)	3
CH-121	Educational Psychology (Foundation)	3	CH-133	Learning Innovation & Interactive Teaching (General)	3
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

## 4th Year

7th Semester			8th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
CS-213	Content Course -III (from selected discipline -I)	3	CT-254	School Management (Professional)	3
CT-214	Content Course -III (from selected discipline -II)	3	CT-264	Test Development and Evaluation (Professional)	3
CT-224	Pedagogy -I (Methods of Teachings related to specialization -I)	3	CM-214	Educational law (General)	3
CT-234	Pedagogy -II (Methods of teaching related to specialization -II)	3	CT-273	Teaching Practice (Long Term)	6
CT-244	Research Methods in Education (Professional)	3	CM-221	Research Project (Professional)	3
CT-245	Teaching Practice (Short Term)	3			
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

# BACHELOR OF EDUCATION (2 YEARS)

## PROGRAM DESCRIPTION

The duration of B.Ed program is 2 years divided in 4 semesters and consisting of 75 credit hours.

## FEE STRUCTURE

<b>Admission fee (One Time)</b>	Rs. 15 ,000
<b>Security Deposit (One Time)</b>	Rs. 5,000 (Refundable)
<b>Examination Fee (Per Semester)</b>	Rs. 7,500
<b>Registration Fee (Per Semester)</b>	Rs. 5,000
<b>Tuition Fee (Per Semester)</b>	Rs. 44,000
<b>Activity Charges (Per Semester)</b>	Rs. 2,500
<b>ID Card Charges</b>	Rs. 500
<b>Library Fee (Per Semester)</b>	Rs. 500
<b>Total Fee Of (1st Semester)</b>	Rs. 80,000

\*Fee may vary from Semester to Semester.

## ELIGIBILITY CRITERIA

- B. Com/B.A or equivalent examination with at least 45% marks.
- At least 50% marks in NHU Entrance test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
BIT-701	Introduction to Programming	3	EDU-305	Classroom Management	3
EDU-303	Child Development	3	EDU-401	Contemporary Issues and Trends in Education	3
EDU-411	Teaching of Urdu	3	EDU-410	Teaching of Literacy Skills	3
EDU-512	Teaching of Islamic Studies	3	EDU-430	ICT in Education	3
ENG-201	Business and Technical English Writing	3	EDU-515	Teaching of Geography	3
GSC-201	Teaching of General Science	3	EDU-516	Teaching of English	3
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>18</b>

## 2nd Year

3rd Semester			4th Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
EDU-304	Introduction to Guidance and Counseling	3	EDU-431	Test Development & Evaluation	3
EDU-403	Art, Crafts and Calligraphy	3	EDU-602	Educational Leadership and Management	3
EDU-501	School, Community and Teacher	3	EDU-630	Research Project - Education	3
EDU-510	Teaching of Mathematics	3	EDUA-519	Teaching Practice - I	3
EDU-604	Comparative Education	3	EDUB-519	Teaching Practice - II	3
STA-630	Research Methods	3	EDUC-519	Teaching Practice - III	3
			PSY-406	Educational Psychology	3
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>21</b>

# BACHELOR OF EDUCATION (1.5 YEARS)

## PROGRAM DESCRIPTION

The duration of B.Ed program is 1.5 years, divided in 3 semesters comprising of 17 courses and 54 Credit Hrs.

## FEE STRUCTURE

<b>Admission fee (One Time)</b>	Rs. 15 ,000
<b>Security Deposit (One Time)</b>	Rs. 5,000 (Refundable)
<b>Examination Fee (Per Semester)</b>	Rs. 7,500
<b>Registration Fee (Per Semester)</b>	Rs. 5,000
<b>Tuition Fee (Per Semester)</b>	Rs. 44,000
<b>Activity Charges (Per Semester)</b>	Rs. 2,500
<b>ID Card Charges</b>	Rs. 500
<b>Library Fee (Per Semester)</b>	Rs. 500
<b>Total Fee Of (1st Semester)</b>	Rs. 80,000

\*Fee may vary from Semester to Semester.

## ELIGIBILITY CRITERIA

- 16 years of relevant Business Education or equivalent examination with at least 60% marks or 2.5 CGPA.
- At least 50% marks in NHU Entrance Test.

# SCHEME OF STUDIES

## 1st Year

1st Semester			2nd Semester		
Course Code	Course Titles	Credit Hours	Course Code	Course Titles	Credit Hours
BIT-701	Curriculum Development	3	EDU-305	Educational Assessment & Evaluation	3
EDU-303	Islamic Studies	3	EDU-401	Contemporary Issues and Trends in Education	3
EDU-411	Computer Education	3	EDU-410	Area of Specialization - II	3
EDU-512	Teacher Education in Pakistan	3	EDU-430	Teaching Practicum - I	3
ENG-201	Area of Specialization - I	3	EDU-515	Research Project (to be continued in next Semester)	3
GSC-201	Research Methods in Education	3			
	<b>Total Credit Hours</b>	<b>18</b>		<b>Total Credit Hours</b>	<b>15</b>

## 2nd Year

3rd Semester		
Course Code	Course Titles	Credit Hours
EDU-304	Guidance and Counseling	3
EDU-403	Area of Specialization III	3
EDU-501	Foundation of Education	3
EDU-510	Pedagogical Skills	3
EDU-604	Teaching Practicum - II	3
STA-630	Research Project	6
	<b>Total Credit Hours</b>	<b>21</b>



# DEPARTMENT OF CONTINUOUS PROFESSIONAL DEVELOPMENT



# INTRODUCTION

Nazeer Hussain University's Department of Continuous Professional Development offers credit and non-credit courses, diplomas, and various activities in response to evolving community needs. These initiatives provide residents with easy access to affordable educational, recreational, and employment opportunities, helping individuals, businesses, and other organizations adapt to economic and technological changes. The department plays a leading role in ensuring that everyone has access to the arts and culture, enhancing the overall quality of life.

# AIMS & OBJECTIVES

The ambition of the Department of Continuing Education is to establish itself as a reputable leader in delivering high-quality, reasonably-priced training in Addictive Disorders Studies through a system of open communication regarding its purpose, goals, and objectives. The Department of Continuing Education strives to achieve the following organizational goals while promoting this vision:

- . Provide a dynamic, engaging learning environment that actively involves students in the learning process.
- . Encourage self-evaluation and motivation in students by offering constructive criticism.
- . Ensure clear learning objectives, comprehensive training, and evaluation for every course to guarantee mastery and student success.
- . Leverage technology to develop effective teaching methods that enhance learners' access to education.

## VISION

Our vision is to empower young minds through quality higher education, expanding possibilities, strengthening communities, and preparing students for global success.

## MISSION

The Department of Continuing Education is dedicated to providing high-quality, affordable education and training to students, professionals, and entrepreneurs, empowering them to make a positive impact in their fields and communities.

## CORE VALUES

Fundamental Values of the Department of Continuing Education.

### **Ethics**

- Foster a learning environment that promotes accountable and moral conduct.
- Uphold the worth and dignity of every community member.

### **Integrity**

- Uphold moral principles in all actions and interactions.
- Ensure fairness, honesty, and impartiality in all dealings with students, faculty, staff, and stakeholders.

### **Student Service**

- Respond to inquiries, requests, and complaints in a timely and suitable manner.
- Ensure curriculum, delivery, and support services meet student needs.

### **Quality**

- Offer educational initiatives that develop knowledge and skills for:
  - Information literacy
  - Professional growth
  - Personal enrichment
  - Leadership
  - Community service
- Continuously evaluate and improve methods, policies, and processes to ensure program quality and effectiveness.

# Application Process for Admission

## Eligibility

Check your eligibility via the NHU website, prospectus, program brochures, or the Admissions Office. Candidates awaiting results may apply. All selected candidates will receive provisional admission upon signing an undertaking and are subject to verification of the Board Results.

## Apply Online or Walk-In

Visit [www.nhu.edu.pk](http://www.nhu.edu.pk) fill and submit the Admission Application Form online or visit Admission Office at NHU.

## Form Submission

Visit the Admissions Office at NHU and submit required educational documents along with Admission Form and collect Admit Card for entrance test and Interview.

Documents to be submitted include: •

- SSC / O-Level Certificate and Marks Sheet
- HSC / DAE/A-Level Marks Sheet and Certificates. In case of awaiting results, the mark sheet of HSC or A-level undertaking •
- Admit Card of Entry is required
- Applicants with O-Level / A-Level must submit equivalence •
- A copy of CNIC or B-Form •
- 6 passport-sized photographs with white or blue background
- Bachelor's degree (for BBA 2years/MBA/EMBA program only)

## Entry Test and Interview

Appear in NHU Entry Test and Interview on the date notified by the Admissions Office.

## Offered Admission

Collect provisional Offer Letter from the Admission Office and Fee Challan from the Accounts Office. Read your Offer Letter carefully, ensuring your name, program title and semester are accurate.

Meet all pre-requisites mentioned in your Offer Letter. Deposit prescribed fee to the Accounts Office at NHU through Fee Challan in the name of 'NAZEER HUSSAIN UNIVERSITY'. Submit an office copy of the payment receipt to the Admissions Office at NHU. Students should contact NHU Admissions Office for all information related to programs, eligibility requirements, admissions schedule and fee details.

Admission Department : **Phone: 021-36362046-54 EXT: 164, 167, 169,**

**Cell & Whatsapp: 0332-3636204 email: admissions@nhu.edu.pk**

## Admission Policy

### Orientation of New Students

Orientation for new students is conducted to familiarize them with the university. It aims to provide incoming students with information about university services, policies and procedures, student responsibilities, and faculty expectations. Orientation typically occurs just before the start of the first semester.

### Admission

Admission to NHU is granted solely on the basis of merit, as determined by the NHU aptitude test score and the students' previous academic records. Applicants for admission receive a prospectus that outlines the admission procedures. They can also find essential details for their specific program by visiting the University website at [www.nhu.edu.pk](http://www.nhu.edu.pk).

### Provisional Admission

Candidates awaiting results of intermediate or equivalent examinations are permitted to proceed through the admission process on a “result awaiting” basis, provided they meet the minimum eligibility criteria and admission requirements of the program for which they have applied. Their selection will be determined by their percentage in the last examination they took, provided they passed all subjects. Students granted provisional admission must submit their passing results from the examinations one week before the final examination of the first semester. Candidates admitted on a result awaiting basis are also required to submit an affidavit on stamp paper of Rs. 100/- to the admission department, stating that if they fail to meet the eligibility criteria of the program to which they have applied, their admission will be canceled and they will not be eligible for any refunds. (The affidavit is retained in the Admissions Department).

## Cancellation Provisional Admission

Provisional admissions for students admitted on a “result awaiting” basis will be canceled if they do not submit the required documents meeting eligibility criteria before the Final Examination of the first semester, or if they fail to meet the eligibility criteria of that program. A supplementary in any subject is regarded as failing the examination, even if the student has achieved the acceptable percentage level. The reasons for the cancellation of admission will be provided in writing, and fees paid by such students will not be refunded.

## Ineligibility of Admission

- . A student who does not meet the basic eligibility criteria for the application program is ineligible for admission.
- . The students who are expelled for disciplinary reasons will not be allowed to rejoin the university.

# Admission Policy

## Determent of Admission

Candidates selected for admission may defer their admission for one semester (or two semesters for Engineering programs) after paying the admission fee. Students wishing to do so must submit an application to the respective Director of Campus for deferment of their admissions within two weeks of the semester's commencement. Fees paid by such students will be readjusted in the following semester. While the University accepts deferred applications, it cannot guarantee that a course will definitely be offered in the requested year of entry. Such applications can be made directly at the time of applying. Applicants wishing to defer after resubmitting an application should contact the Admissions Office of the respective Campus. Normally, applicants will be allowed to defer their place only once. In exceptional circumstances, a second deferral may be permitted, although a new application form will be required.

## Cancellation of Candidature

If a student fails to meet the academic eligibility criteria, his/her provisional admission will be cancelled.

## Change of Academic Discipline

A student enrolled in BBA, BS, or B-Arch may change their discipline only during the first semester, provided they meet the basic eligibility criteria for that discipline. The student must apply when admissions for that discipline are open, paying the admission form fee or processing fee in accordance with NHU policy. Courses that are common with other disciplines, in which the student has achieved a grade of at least “B,” may be exempted or transferred. All such cases (Change of Academic Discipline) require the approval of the Chairpersons and the Vice Chancellor.

## Scholarship Policy

Scholarships are integral to NHU's commitment to recognizing academic excellence and empowering students from diverse backgrounds to achieve their potential. NHU follows a need-based policy and upholds merit as the primary criterion for admission to its programs. The Scholarships Award Committee (SAC) seeks to identify deserving students to support them with their educational expenses. NHU offers two types of scholarships, namely.

## Need-Based Scholarships

These scholarships are awarded to students facing financial constraints who maintain good academic standing, assisting them in continuing their education at university. Students must apply using the prescribed form. If they wish to take advantage of the Need-Based Scholarship, they can obtain the form and guidance from the Admissions and Registration offices.

# Merit Based Scholarships

- i Students achieving 4 GPA will be offered a scholarship of 60% of the tuition fee for that semester.
- ii Students achieving 3.75 GPA to 3.99 GPA will be offered a scholarship of 40% of the tuition fee for that semester provided they have a CGPA of 3.5.
- iii Students achieving GPA 3.5 to 3.74 will be offered a scholarship of 20% of the tuition fee for that semester provided they have a CGPA of 3.5.
- iv. The above scholarships will be admissible to students against whom there is no disciplinary proceeding pending and they have taken at least the following credit hours:-
  - a. For a Bachelor program at least 15 credit hours.
  - b. For a Master program 12 credit hours.
- v. The total number of scholarships will not exceed 10% of the total number of students enrolled in that semester in that particular program.
- vi. These scholarships are offered on semester basis only and a list is prepared after the announcement of every semester result.
- vii. If the total number of applicants exceeds 10% then a merit list will be prepared.
- viii. A separate list of scholarship recipients will be prepared for each program.

# Student Conduct and Discipline

## Academic Conduct

At NHU, academic honesty is mandatory. Absolutely no plagiarism or cheating in any examination, quiz, assignment, report, practical, and/or presentation by any student is tolerated. Each case is evaluated on its own merit in accordance with the established plagiarism policies.

- a) All classrooms are designated as cell phone-free zones. Permission to attend to emergencies must be obtained from the respective faculty and the departmental Chairperson.
- b) Sports, music playing, and/or other activities on university premises during class time are not permitted.

## Cheating

Students, who use or attempt to use unauthorized information in any academic exercise, including examinations is termed as cheating.

## Plagiarism

Taking words, ideas, figures, or materials from other sources and presenting them as one's own without acknowledging the source is considered plagiarism. Any failure to accurately and completely document all uses of source materials in academic exercises such as projects, assignments, or research work constitutes academic dishonesty. For further details, students can refer to the NHU Plagiarism Policy.

## Penalties for Academic Dishonesty

Students found guilty of academic dishonesty will face disciplinary action, the severity of which will depend on the seriousness of the offense and may include the assignment of an “F” grade or even dismissal from the program.

## Student’s Code of Conduct

As a student of Nazeer Hussain University, you are expected to adhere to the following code of conduct:

- Respect for the convictions and traditions of others regarding religion, conscience, and customs while observing your own religious duties/customs.
- Loyalty to Pakistan and refraining from any actions that may tarnish its honor and prestige in any way.
- Truthfulness and honesty in your dealings with others.
- Respect for elders and politeness towards all, especially women, children, the elderly, the weak, and the helpless.
- Special respect for your teachers and those in authority at the university.
- Cleanliness of body, mind, speech, and habits.
- Helpfulness to fellow beings.
- Devotion to your studies and prescribed co-curricular activities.
- Observance of thrift and protection of public property.
- Compliance with the rules and regulations of the University as they are updated from time to time.
- Adherence to the dress norms of our society and culture.

## Action against Misconduct

Every faculty and staff member holds the responsibility and authority to address any disorderly or improper conduct, as well as any violations of regulations by students. Misconduct occurring in a classroom while a student is under a teacher's supervision will not be tolerated, and punitive measures may be taken if the student is found guilty, based on the severity of the misconduct and in accordance with the University's established rules and regulations, which are updated periodically. Faculty members are empowered to issue warnings to students and to submit observation slips regarding any student's inappropriate behavior.

## Prohibited Acts

The following acts are prohibited for students:

- Smoking in the University.
- Consumption of alcoholic drinks or other intoxicating drugs in the University. Organizing or taking part in any function inside the University or organizing any club or society of students except in accordance with the prescribed rules and regulations.
- Collecting any money or receiving funds or pecuniary assistance for or on behalf of the University except with the written permission of the Chairperson of the Department or any other person authorized by the University, in this regard.
- Staging, inciting or participating in or abetting any walkout, strike or other form of agitation against the University its teachers, officers or authorities inciting any one to violence, disruption of the peaceful atmosphere in any way, making inflammatory speeches or gestures which may cause resentment, issuing of pamphlets or cartoons casting aspersions on the teachers or staff of its authorities bodies or doing anything in any way likely to promote rift and hatred among the students, issuing statements in the press, making false accusations or lowering the prestige.
- Theft of any item which is University property, including unauthorized taking away of library books / laboratory equipment.
- Indulging in acts involving chalking of premises or display of posters/leaflets notices jeopardizing the maintenance of good order and discipline at the University premises.
- Fighting / quarrelling with other students.

## Acts of Indiscipline

A student shall be considered to have committed an act of indiscipline if he/she:

- Commits a breach of conduct as specified in the regulations.
- Disobeys the laws or orders of a teacher or other authority figure.
- Habitually neglects his/her work or absents himself/herself from the classroom without valid reason.
- Willfully damages public property or the property of fellow students, teachers, or employees of the University and its constituent units.
- Fails to pay the fees, fines, or other dues required under the established rules and regulations.
- Uses indecent language, wears immodest attire, makes inappropriate remarks or gestures, behaves in a disorderly manner, or commits any criminal, immoral, or dishonorable act (whether within the University or outside) or any act that is detrimental to the interests of the University.

## Penalties Prescribed by NHU policy

- All such of academic indiscipline will be referred to NHU discipline committee whose decision will be final in this regards.
  - Commits a breach of conduct specified in the regulations.
  - Disobeys the laws, orders of a teacher or other person in authority.
  - Habitually neglects his/her work or absents himself/herself from the classroom without valid reason.
  - Will fully damages public property or the property of fellow students or any teacher or employee of the University and its constituent units.
  - Does not pay the fee, fines, or other dues payable under the laid down rules and regulations.
  - Uses indecent language, wears immodest dress, makes indecent remarks or gestures or behaves in a disorderly manner; or commits any criminal, immoral or dishonorable act (whether committed within the University or outside) or any act which is prejudicial to the interests of the University

# Regulations for Examination

## GENERAL SCHEME OF MARKING

a) Quizzes, Assignment, Presentation (Internal Evaluation):	25%
b) Mid-Term Examinations:	25%
c) Final Examinations:	50%
Total Marking:	100%

## GRADING SYSTEM

- Faculty of Business & Management Studies
- Faculty of Engineering Practices & Sciences
- Department of Architecture & Built Environment
- Department of Rehabilitation & Health Sciences
- Department of Pharmacy

### General

Grade	Percentage	Grade Point
A	85 and above	4.00
A-	80 - 84	3.66
B+	75-79	3.33
B	71-74	3.00
B-	68-70	2.66
C+	64-67	2.33
C	61-63	2.00
C-	58-60	1.66
D+	54-57	1.33
D	50-53	1.00
F	Below 50	0.00
W	Withdrawal	
I	Incomplete	

### Department of Pharmacy

Grade	Percentage	Grade Point
A+	90-100	4.0
A	85-89	4.0
A-	80 - 84	3.8
B+	75-79	3.4
B	71-74	3.0
B-	68-70	2.8
C+	64-67	2.4
C	61-63	2.0
C-	57-60	1.8
D+	53-57	1.4
D	50-52	1.0
F	Below 50	0.0
W	Withdrawal	
I	Incomplete	

## SGPA AND CGPA FORMULA

$$\text{a) SGPA} = \frac{\text{Sum of (GP x Semester's Cr.Hrs)}}{\text{Sum of Semester's Cr.Hrs}}$$

$$\text{b) CGPA} = \frac{\text{Sum of (Cr.Hrs x GP)}}{\text{Total no. of Cr.Hrs}}$$

## GRADE APPEAL POLICY

A student who is dissatisfied with a result may submit an appeal to the examination department using the form properly filled out by the student, which is available at the information desk.

- If the issue pertains to the final examination, the student will be required to submit the form along with the applicable fee for rechecking or scrutiny of the paper.
- If the issue concerns the recording of marks by the teacher, the Head of the Department, after discussing the matter with the teacher, will either approve or disapprove the appeal.
- If the request is approved, it will be forwarded to the Examination Department with the reason for the alteration in grades, along with the supporting evidence.

## DEGREE AWARDING CRITERION

- The Degree awarding criteria for the undergraduate student is CGPA 2.0 and for the graduate student is 2.50 without any failure. The additional courses, if taken shall not be considered for the said purpose. A separate certificate will be issued for the grades obtained in the additional courses.
- The core and elective courses and the project/thesis as defined in the plan of study for the respective degree program must be passed.
- The total number of credit hours requirement for the respective degree program must be fulfilled.

## RE-CHECKING OF ANSWER SCRIPT(S)

The following procedure for re-checking answer scripts is to be followed.

- Any student wishing to have his/her answer script(s) re-checked can apply using the prescribed form available at the information desk.
- Re-checking of answer script(s) shall be conducted by two instructors, neither of whom taught or marked the answer scripts.
- Photocopies of answer script(s) (with no identifying information, marks, etc.) shall be provided to each of the two instructors for re-checking, along with the answer script(s) of the lowest and highest scorers for comparison.
- The average of marks shall be determined from the two re-checked answer script(s). After the re-checking of answer script(s), the decision of the University shall be final and unchangeable.
- The grading after re-checking shall supersede the earlier result.
- The re-checking fee, as prescribed from time to time, must be paid. Students can submit an application for any correction in marks within two weeks after the announcement of results.
- After two weeks, no application will be entertained by the examination department.
- Furthermore, the teacher is not permitted to make any changes to the final result once it has been submitted to the examination department.

# QUALITY ENHANCEMENT CELL

## VISION

NHU QEC is committed to ensure quality in all academic degree programs; to develop quality assurance process, methods of evaluation and monitoring; faculty, students and staff.

## MISSION

To intergrate the concept of quality assurance in higher learning with enhanced levels of international compatibility through capacity building.

## OBJECTIVES

- Improve and maintain academic standards.
- Monitoring and Enhance students' learning.
- Verify that the existing programs meet their objectives and institutional goals.
- Provide feedback for quality assurance of academic programs.
- Focus on quality and implementation of all desired measures and policies to improve the standard of higher education in Pakistan.

## Directorate of Industrial Liaison and Job Placement Centre

Nazeer Hussain University (NHU) is one of the leading engineering universities, offering diverse academic and research programs with a dynamic faculty committed to excellence. NHU provides contemporary education in Pharmacy, Health Sciences, Architecture, Engineering, Technology, Business, and Computer Science at both undergraduate and graduate levels. Equipped with state-of-the-art laboratories and computing facilities, NHU creates an ideal environment for quality education and research activities.

The Directorate of Industrial Liaison and Job Placement Center at NHU has various tasks, including disseminating information about the university's research potential, developing partnerships among the university, business, and industry, and promoting 'Entrepreneurship' within the academic community. It is essential to recognize that technology transfer occurs when university faculty and representatives from business and industry collaborate for mutual benefit.

The engineering and computer science programs at our university are conducted in a highly professional manner, and the engineers and computer scientists produced possess the potential to meet the challenges faced by modern industries. This can be best achieved by fostering effective interaction between the industrial sector and graduating students.

The Directorate of Industrial Liaison and Job Placement Center assists students in securing internships across various disciplines during semester breaks. To impart professional skills to our undergraduate students, NHU requires them to undertake mandatory internship programs during the semester break. In these internships, students gain insight into the industrial/corporate working environment and are assigned specific technical tasks.

## Directorate of Industrial Liaison and Job Placement Centre (Cont...)

Alumni represent a platform for sharing knowledge, resources and ideas for positive impact amongst the NHU's undergraduates in particular and society in general. An Official Alumni Association is planned with the collaboration of Directorate of Industrial Liaison and Job Placement Centre. This Association will organize seminars to offer industrial exposure to the students. The association members stay connected with the NHU's undergraduate students via Social Media. This Association will also help in offering Internships, Job placements, FYP's and Industrial visits for the students.

In order to bridge the gap between Industry and Academia, the University will hold "Final Year Projects' Exhibitions and Job Fair" every year at the premises of Nazeer Hussain University. We will be looking forward to representatives of industries spending a day with us to evaluate our students for possible employment. The participation of representatives from industries and companies in the 'Final Year Projects' would be a great source of inspiration, encouragement and motivation for the students as well as for the faculty of the University. Directorate of Industrial Liaison and Job Placement Centre also arranges seminars, lectures, presentations and workshops conducted by professionals, industrialists, eminent scholars' and professors from academia.

# Students' Societies

- Dramatics, Arts & Entertainment Society
- Seminars & Exhibitions Society
- Quiz, Debating Literacy Society
- Media Sciences, Advertising & Publication Society
- Engineering Society
- Robotics Society
- Aerodynamics Society
- Society of Electrical, Electronics, Computer & Communications (SEECC)
- Computing and Applied Sciences Society
- Environmental Society
- Social Welfare Society
- Sports Society



# Administration

## Chancellor Secretariat

Name	Designation
Syed Amir Ali	Advisor to Chancellor

## Industrial Liaison & Job Placement Center

Name	Designation
Ms. Bushra Jabbar	Director

## Accounts Department

Name	Designation
Nazia Jalil	Director Finance
Mir Mubasshir Ali	Accounts Manager

## Quality Enhancement Cell

Name	Designation
Dr. M. Faseeh Ullah Khan	Director
Ms. Zareen Hamid	Deputy Director

## Admissions & Marketing Department

Name	Designation
Dr. Faseeh Ullah Khan	Director Student Affairs
Komal Fatima	Asst. Admissions & Marketing Manager
Maaz Mukaddam	Public Relation Officer (PRO)

## Library

Name	Designation
Tariq Mahmood	Librarian
Huma Sohail	Assistant Librarian

## Information Systems Department

Name	Designation
Shuja Zaheer	Manager IT
Hafiz Maaz Ahmed Khan	Software & Web Developer

## Vice Chancellor Secretariat

Name	Designation
Afzal Ahmed	Registrar
Abdul Wasay	Deputy Registrar(General)
Adeeba Khan Afridi	Asst.Registrar(Academics)

## Examination Department

Name	Designation
Jalal Uddin	Controller of Examination
M. Ashfaq	Asst. Controller of Examination
Rizwana Bano	Asst. to Controller of Examination

## Admin Department

Name	Designation
Aadil Khan	Manager Admin
Nasra Jawed Ali	Receptionist

## Office of Research, Innovation and Commercialization (ORIC)

Name	Designation
Dr. Saira Shahnaz	Director
Mr. M. Faizan Aslam	Manager

# Faculties/Departments

## Department of Architecture & Built Environment

Name	Designation	Qualification
Ar. Hanee Murtaza	Associate Professor/HOD	M.Arch, B.Arch
Ar. Syeda Arfa Quddusi	Assistant Professor/Program Coordinator	B.Arch / M.Arch (In Progress)
Andaleeb Zehra	Assistant Professor	B.Arch / Murp
Husain Jessorwala	Lecturer	B.Arch / M.Arch
Hamza Masood	Lecturer	B.Arch
Unaiza Asif	Lecturer	B.Arch / M.Arch (In Progress)
Rafia Faisal	Lecturer	B.Arch / Murp
Ubaida Saquib	Lecturer	B.Arch
Fariha Khan	Lecturer	B.Arch / Murp
Rais Haider	Lecturer	B.Arch
Munazza Fatima	Lecturer	BFA/M.Phil
Sharjeel Ahmed	Lecturer	BDES
Hasan Rizvi	Lecturer	B.E Civil

## Department of Pharmacy

Name	Designation	Qualification
Prof. Dr. Nighat Razvi	Professor	"Ph.D. (Pharmaceutics), M.Phil, M.Pharm, B.Pharm"
Dr. Syed Zohaib Hussain	Associate Professor	Ph.D (Pharmacognosy) , M-Phil, Pharm. D
Dr. Saira Shahnaz	Assistant Professor	"M.Phil (Pharmacy Practice) Pharm.D"
Dr. Halima Moin	Lecturer	"M.Phil (Pharmacology) Pharm.D"
Dr. Saira Faraz Shah	Lecturer	M-Phil(Pharmacognosy) , Pharm. D
Dr. Rafia Rizvi	Lecturer	M-Phil(Pharmacognosy) , Pharm. D
Dr. Hira Akhter	Lecturer	M.Phil (Pharmaceutical), Pharm.D
Dr. Shereen Khan	Lecturer	M.Phil (Pharmaceutical Chemistry), Pharm.D
Dr. Yusra Khan	Lecturer	M-Phil (Pharmacognosy) , Pharm. D
Dr. Tuba Sahar	Lecturer	M-Phil (Pharmacognosy) , Pharm. D
Dr. Imran Ahmed	Lecturer	M-Phil (Pharmacognosy) , Pharm. D
Dr. M. Talha Saleem	Lecturer	M-Phil (Pharmacognosy) , Pharm. D
Dr. Amna Shaikh	Lecturer	M-Phil (Pharmacognosy) , Pharm. D
Dr. Sobia Gul	Lecturer	M-Phil (Pharmacognosy) , Pharm. D
Dr. Mairum Arif	Lecturer	M-Phil (Pharmacognosy) , Pharm. D
Dr. Hira Noor Malik	Lecturer	M-Phil (Pharmacognosy) , Pharm. D

# Faculty of Engineering Practices and Sciences

## Electrical Engineering

Name	Designation	Qualification
Engr.Prof. Dr. Faizullah Mehar	Professor & Chairman	PhD(Electronic Engg.), M.S.(CS), B.E(Electrocal Engg.)t
Engr.Prof. Dr. S. Naimat A. Rizvi	Professor	PhD(Electronic Engg.)
Prof. Dr. Zeeshan Shahid	Professor	PhD(Electrical Engineering)
Engr. Dr. Aftab Almani	Assistant Professor	Ph.D (Electrical Engineering), M.E (Electrical Engineering) BE (Electrical Engineering)
Engr. Saqib Munawwar	Assistant Professor	M.E(Electronic Engg.), MEM(Electrical Energy)
Engr. Irfan Shaikh	Assistant Professor	MS (Nuclear Engg.), B.E( Electronic Engg.)
Engr. Syed Saad Ali	Lecturer	B.E (Electrical Engineering), M.E (Electrical Engineering)
Engr. Khalil Ur Rehman	Lecturer	B.E (Electrical Engineering), M.E (Electrical Engineering)
Engr. Aisha Khan	Lecturer	B.E (Electrical Engineering), M.S (CS)
Engr. Bilawal Ali	Lecturer	M.E(Electrical Engg.)
Engr. Sajid Ali	Lab Engineer	B.E (Electrical Engineering)
Engr. Fasih Ahmed	Lab Engineer	B.E (Electrical Engineering), M.E (Industrial Automation)
Engr. Shahzaib Ahmed	Lab Engineer	B.E (Electrical Engineering), M.E (Industrial Automation)
Engr. Sadima Sohail	Lab Engineer	B.E (Electrical Engineering)

## Mechanical Engineering

Name	Designation	Qualification
Engr. Dr.Ehtesham ul Haqued	Professor & Chairman	Ph.D (Mechanical Engineering), M.S (Desalination), B.E (Mechanical Engineering)
Engr. Prof. Dr. Khurshed Mahmood	Professor	Ph.D(Metallurgical Engg.), M.Sc (Materials) B.E (Mechanical Engineering)
Engr. Kamal Pasha	Assistant Professor	M.Sc (Environment), B.E (Mechanical Engineering)
Engr. Anwar Anis Ahmed	Assisnant Professor	M.E (Mechanical Engg.), B.E (Mechanical Engineering)
Engr. Dr. Nadeem Saleem	Assisnant Professor	M.E (Mechanical Engg.), B.E (Mechanical Engineering)
Engr. Ikram ul Islam	Assisnant Professor	M.E (Mechanical Engg.), B.E (Mechanical Engineering)
Engr. Muhammad Ali Syed	Lecturer	M.E Engg. (Mechanical) B.E (Mechanical Engineering)
Engr. Shazleen Arshad	Lecturer	M.E (Industrial Manufacturing), B.E Industrial Manufacturing
Engr. Anum Kulsoom Rizvi	Lecturer	M.E (Industrial Manufacturing), B.E Industrial Manufacturing
Engr. K.M. Waqas Alam	Lecturer	M.E (Industrial Manufacturing), B.E Industrial Manufacturing
Engr. Aftab Ahmed	Principal Lab Engineer	B.E (Mechanical Engineering)
Engr. Muhammad Waseem	Lab Engineer	B.E (Mechanical Engineering)
Engr. Adeel Ahmd Khan	Lab Engineer	B.E (Mechanical Engineering)
Engr. Haseeb Baig	Lab Engineer	B.E (Mechanical Engineering)
Mr. Najeab Ahmed Khan	Lab Assistant	B-Tech (Mechanical)

# Faculty of Engineering Practices and Sciences

## Computer Science

Name	Designation	Qualification
Prof. Dr. S. Amjad Hussain	Professor	Ph.D. (CS) (UNIVERSITY OF LEEDS)
Prof. Dr. Sohail A. Sattar	Professor	Ph.D. (CS)(NEDUET)
Dr. Salman Mehmood	Associate Professor	Ph.D. (Informatics) (Malaysia University of Science & Technology)
Mr. Muhammad Shafique	Lecturer	MS (IT) (QUEST), Ph.D. IT* (QUEST)
Ms. Hermain Fayyaz Karim	Lecturer	MS (CS&IT) (NEDUET)
Ms. Subreena Ayub	Lecturer	MS (CS&IT) (NEDUET)
Ms. Adeena Shahzad	Lecturer	MS(CS)(SSUET)
Mr. Hammad Khawar	Lecturer	MS (Telecommunication & Networking) (BUKC) Ph.D. CS*(Hamdard University)
Mr. Abdul Rehman	Lab Instructor	BS (Software Engineering) (SSUET)

## Civil Engineering Technology

Name	Designation	Qualification
Dr. Masroor Ahmed Sheikh	Dean FEPS	Ph.D. (Geotechnical Engineering) (University of Glasgow, Scotland, UK)
Engr. Syed Raza Haider Zaidi	Lecturer	M. Engg (Structure) B.E (Urban Engineering)
Engr. Arshman Ahmed Memon	Lecturer	M. Engg (Construction Management)
Engr. Hamza Birjees	Lecturer	M.S (Environment Engg) B.E (Urban infrastructure)
Engr. Shahzaib Shah	Lecturer	M.E (Project Management) B.E Civil

## Faculties/Departments

### Faculty of Business & Management Studies

Name	Designation	Qualification
Prof. Dr. Asif Kamran	Professor	Ph.D (Business Administration)
Dr. Sikander Hussain	Associate Professor	Ph.D (Business Management)
M. Faseeh Ullah Khan	Associate Professor	Ph.D. (Economics & Finance), M.Phil. (E&F), M.E.F (Master in Economics & Finance), M.A (Economics)
Dr. Muhammad Riaz	Assistant Professor	Ph.D (Finance)
S. Shah Salman	Assistant Professor	MS (Marketing), MBA(Marketing)
Saif Ur Rehman	Lecturer	M.Phil, MBA, M.A (Economics)
Einas Azhar Siddiqui	Lecturer	M.Phil, MBA (Supply Chain Management)
Farrukh Zafar	Lecturer	MS(Finance), MBA(Finance)
Bushra Abdul Jabar	Lecturer	MBA(Banking & Finance)
Osama Ahmed	Lecturer	MBA (HRM) Equivalent to MS/M.Phil
Muniza Syed	Lecturer	M.Phil-MBA (Marketing)
Fasih Ansari	Lecturer	MBA (HR)

### Department of Rehabilitation & Health Sciences

Name	Designation	Qualification
Dr. Muhammad Asif, PT	Professor	BS(PT), B.P.Ed, M.Sc (PT), MPT (MSK), PP-DPT, M.Phil (SM&MPT), CCRP, MBA-RM, CHPE, Ph.D*
Dr. Muhammad Atif Khan, PT	Associate Professor	BPT, PP-DPT, M.Phil (SM&MPT), CCRP, MBA-RM, CHPE, Ph.D*
Dr. Mazhar Ali	Associate Professor	BS(PT), M.Sc,DPT(D), Ph.D
Dr. Shireen	Assistant Professor	B.Sc (Phy Edu), M.Sc (Phy Edu.), M.Phil (HPE&SS), Ph.D (Sports Sciences), CHPE
Dr. Shahab Uddin, PT	Assistant Professor	BS(PT), PP-DPT, CHPE
Dr. Hina Al Fatimah Siddiqui, PT	Assistant Professor	BS(PT), M.Sc (PT), MPT (MSK), PP-DPT,CHPE
Dr. Hina Saleem, PT	Lecturer	DPT, MSAPT
Dr. Maryam Liaquat, PT	Lecturer	DPT, PGD (Pediatric Physical Therapy)
Dr. Muneeba Khan, PT	Demonstrator	DPT
Dr. Ramsha Syed, PT	Demonstrator	DPT

# FACILITIES

## Library

The university boasts a well-stocked library, where time spent will fulfill your research needs and provide a quiet study environment. Additionally, the library offers electronic access via the internet to databases worldwide. Special access rights have been secured from numerous database sources to guarantee that you have the most current information available to support your course requirements. A separate library facility is also available at the Faculty of Pharmacy.

## Auditorium

A state of art Auditorium is available for academic activities, where different sort of academic activities are held such as debate competitions, seminars, conferences etc.

## Laboratories

The Laboratories give students hands-on experience labs are equipped with advanced test and measurement equipment as well as computing platforms on which students are made to appreciate the real essence of fields.

## Cafeteria

A well-furnished and air-conditioned cafeteria is available for students, offering hygienic food and refreshments. The cafeteria has a seating capacity of 100 students. It provides a wide range of food and drinks, along with the opportunity to socialize with friends and colleagues.

## Student Counselling Service

This service was introduced for the initial consultation of students to identify their problems and explore how to best meet their needs. The counselor or concerned faculty member they meet with will examine the various options available to them and assist them in making a decision among these choices.

## Sports Facilities

A sports officer is appointed at the university who coaches different sports from time to time. The sports facilities include tennis and badminton courts, cricket, and chess.

## Security

The university has round-the-clock security staff to ensure safety measures for the premises and the students. However, students are advised to personally ensure the security of their belongings inside and outside the classrooms.

## Study Tours

University excursions are an important and effective means of motivating students and engaging them in active learning experiences. Students are taken out in groups for trips and tours.

## **Girls Common Room**

University has made well-furnished girl's common room.

## **Pray Area**

University has separate prayer area for both boys and girls.

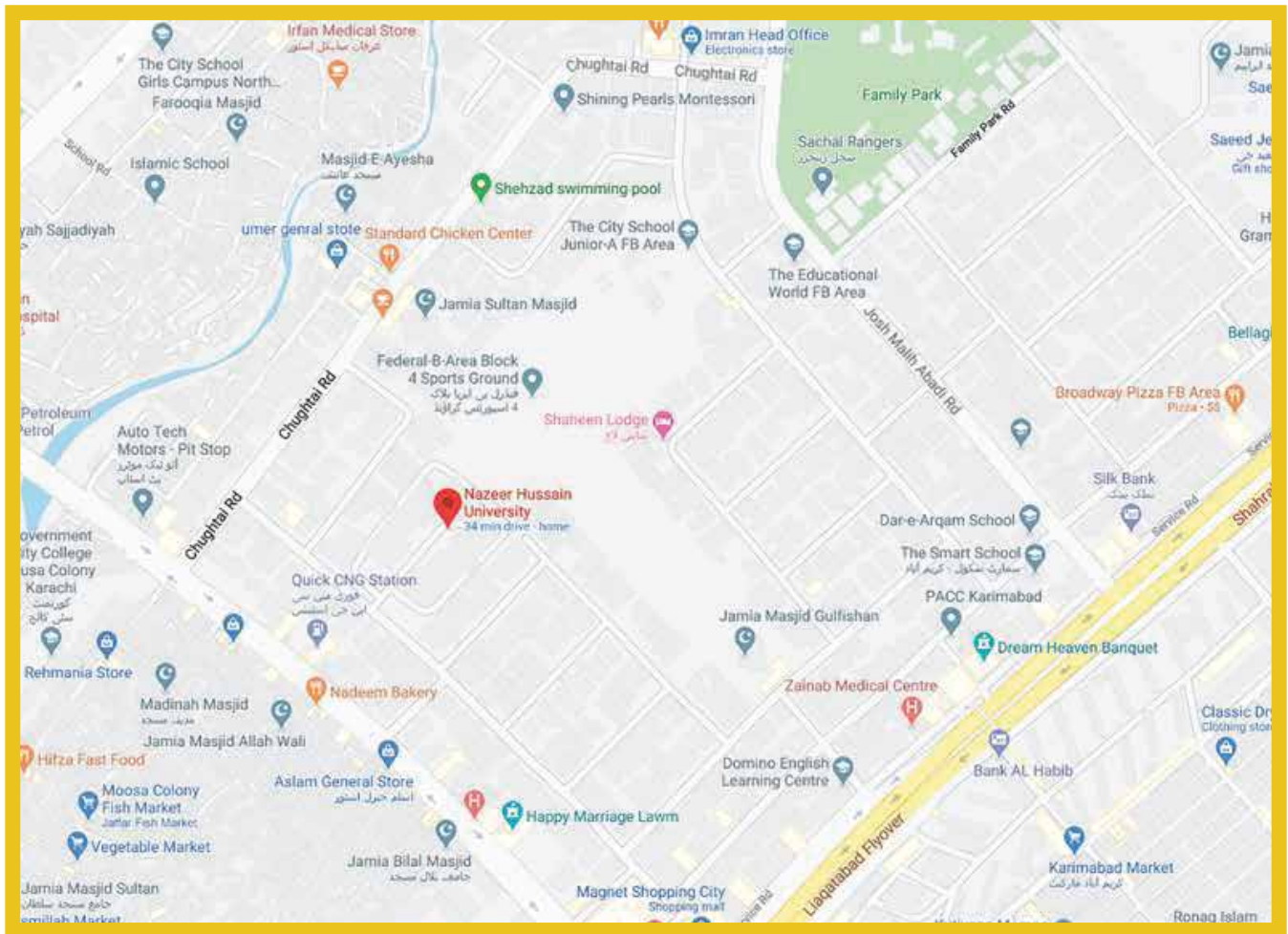
## **Photocopy Shop**

Stationary, photocopy and binding of documents facilities are available to the students in the University at a very nominal cost.

## **Wi-Fi Technology**

Students, faculty and staff are allowed to access wireless internet facility from any place in the University. In order to benefit from this service, students must register their Wi-Fi devices with the IT-Manager.

# Guide Map





### FATHER'S / HUSBAND'S / GUARDIAN'S INFORMATION

FATHER'S / HUSBAND'S / GUARDIAN'S NAME: \_\_\_\_\_

RELATION WITH GUARDIAN: \_\_\_\_\_ CONTACT No: \_\_\_\_\_

OCCUPATION: \_\_\_\_\_ NATURE OF PROFESSION: \_\_\_\_\_ NUMBER OF FAMILY NUMBERS: \_\_\_\_\_

EMPLOYER'S NAME (IF WORKING): \_\_\_\_\_ AVERAGE FAMILY INCOME: \_\_\_\_\_

DESIGNATION: \_\_\_\_\_ DEPARTMENT: \_\_\_\_\_ OFFICE CONTACT No: \_\_\_\_\_

### DECLARATION FILLED BY THE CANDIDATE & SIGNED BY THE GUARDIAN

- I Mr./Miss/Mrs. \_\_\_\_\_ Son / daughter / wife of \_\_\_\_\_  
Solemnly declare that the particular / information given by me is correct.
- I do hereby understand that during my stay at NHU, I shall conduct myself with honor and shall not take part in any activity, which may be considered by the institute's authorities, as a prejudicial to the interest of the institute, its disciplines and to my own interest.
- I will not take part in any political activity or be a member of any political party or any other organization like wise or will not be involved in unionism.
- I further undertake to abide by the instruction, rules, regulations issued / prescribed by NHU from time to time in regards to studies, fees etc.
- If I will be found involved in any unlawful activity, or providing incorrect information at any stage of study, NHU shall have the right to cancel my admission without assigning any reasons.
- If any of the documents provided by me at any stage is found to be fake, my admission is liable to be cancelled forthwith without any show cause notice being given to me.

\_\_\_\_\_  
Candidate's Signature

\_\_\_\_\_  
Father's / Husband's / Guardian's Signature

CNIC No: \_\_\_\_\_

Date: \_\_\_\_\_

### REQUIRED DOCUMENT'S CHECK LIST

CNIC PHOTOCOPY		GRADUATION MARKS SHEET	
FIVE RECENT PASSPORT SIZE PHOTOGRAPHS		GRADUATION DEGREE	
MATRIC OR EQUIVALENT MARKS SHEET		MASTER MARKS SHEET	
INTER OR EQUIVALENT MARKS SHEET		MASTER DEGREE	
MATRIC OR EQUIVALENT CERTIFICATE		AFFIDAVIT (RESULT AWAITING STUDENT)	
INTER OR EQUIVALENT CERTIFICATE		CREDIT TRANSFER DOCUMENTS (IF TRANSFER)	

\* Admission form is not refundable.

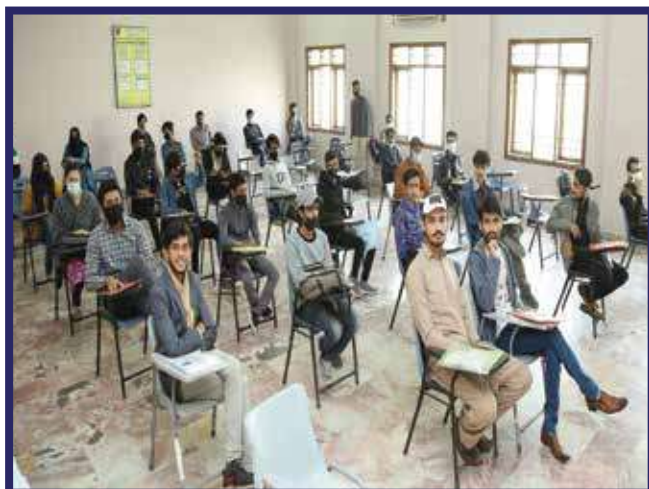




## Seminars



## Class Rooms



## Talent Hunt



## Culture Day



## Indoor Games



## Projects



## Picnics



## Painting Competitions



## Motor Shows



## Sufi Nights



## Students' Week



## Sports' Week



# Independence Day Celebrations



# Our Exhibitions



# Convocations





## For Information Contact Us At

ST-2 Block 4 Federal B Area Near Karimabad,  
Karachi, Pakistan.

Email : [admissions@nhu.edu.pk](mailto:admissions@nhu.edu.pk)  
[info@nhu.edu.pk](mailto:info@nhu.edu.pk)

Phone : +92-21-36362046-54

Whatsapp : +92-332-3636204

[www.nhu.edu.pk](http://www.nhu.edu.pk)