

Complete List of All 3-Year DAE-Diploma Programs with Names, Career-Focused Guide”

Sr.No	Courses	Eligibility	Duration
1	ARCHITECTURE TECHNOLOGY	Matric with Science	3-Year
2	AUTOMATION TECHNOLOGY	Matric with Science	3-Year
3	CHEMICAL TECHNOLOGY	Matric with Science	3-Year
4	CIVIL TECHNOLOGY	Matric with Science	3-Year
5	COMPUTER INFORMATION TECHNOLOGY	Matric with Science	3-Year
6	COMPUTER TECHNOLOGY	Matric with Science	3-Year
7	DIE AND MOULD TECHNOLOGY	Matric with Science	4-Year
8	ELECTRICAL TECHNOLOGY	Matric with Science	3-Year
9	ELECTRONICS TECHNOLOGY	Matric with Science	3-Year
10	FOOD PROCESSING AND PRESERVATION TECHNOLOGY	Matric with Science	3-Year
11	FOOD TECHNOLOGY	Matric with Science	3-Year
12	GLASS CERAMICS & POTTERY DEVELOPMENT TECHNOLOGY	Matric with Science	3-Year
13	INSTRUMENT TECHNOLOGY	Matric with Science	3-Year
14	LEATHER	Matric with Science	3-Year
15	MECHANICAL TECHNOLOGY	Matric with Science	3-Year
16	MECHANICAL TECHNOLOGY (POWER) WITH SPECIALIZATION IN AUTO & FA	Matric with Science	3-Year
17	MECHANICAL TECHNOLOGY (POWER) WITH SPECIALIZATION IN AUTO MOBILE & DIESEL TECHNOLOGY	Matric with Science	3-Year
18	MECHANICAL TECHNOLOGY (POWER) WITH SPECIALIZATION IN REFRIGERATION AND AIR-CONDITIONING TECHNOLOGY	Matric with Science	3-Year
19	MECHANICAL TECHNOLOGY (PRODUCTION) WITH SPECIALIZATION IN FOUNDRY AND PATTERN MAKING TECHNOLOGY	Matric with Science	3-Year
20	MECHANICAL TECHNOLOGY (PRODUCTION) WITH SPECIALIZATION IN METALLURGY AND WELDING TECHNOLOGY	Matric with Science	3-Year
21	PETRO-CHEMICAL TECHNOLOGY	Matric with Science	3-Year
22	PRINTING AND GRAPHIC ARTS	Matric with Science	3-Year
23	TELECOMMUNICION TECHNOLOGY	Matric with Science	3-Year

24	TEXTILE SPINNING TECHNOLOGY	Matric with Science	3-Year
25	TEXTILE WEAVING TECHNOLOGY	Matric with Science	3-Year

Below is a **clear and structured list of 4-year education fields in Pakistan**, with **field names and total major types/specializations** commonly offered by HEC-recognized universities.

1. Engineering (BE / BS Engineering)

Total Types: 15

- Civil Engineering
 - Mechanical Engineering
 - Electrical Engineering
 - Electronics Engineering
 - Mechatronics Engineering
 - Computer Engineering
 - Software Engineering
 - Chemical Engineering
 - Petroleum & Gas Engineering
 - Metallurgical & Materials Engineering
 - Industrial Engineering
 - Environmental Engineering
 - Biomedical Engineering
 - Aerospace Engineering
 - Agricultural Engineering
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2. Computer & IT Fields (BS)

Total Types: 12

- BS Computer Science (CS)
- BS Software Engineering (SE)
- BS Information Technology (IT)
- BS Data Science
- BS Artificial Intelligence
- BS Cyber Security
- BS Computer Systems
- BS Information Systems
- BS Game Development

- BS Cloud Computing
 - BS Bioinformatics
 - BS Robotics
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3. Medical & Health Sciences (4 Years)

Total Types: 10

- Doctor of Physical Therapy (DPT)
 - BS Nursing
 - BS Medical Laboratory Technology (MLT)
 - BS Radiology & Imaging Technology
 - BS Anesthesia Technology
 - BS Public Health
 - BS Nutrition & Dietetics
 - BS Optometry
 - BS Speech & Language Pathology
 - BS Health Sciences
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4. Business, Commerce & Management

Total Types: 10

- BBA (Bachelor of Business Administration)
 - B.Com (Hons)
 - BS Accounting & Finance
 - BS Economics
 - BS Marketing
 - BS Human Resource Management (HRM)
 - BS Supply Chain Management
 - BS Entrepreneurship
 - BS Banking & Finance
 - BS Public Administration
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5. Social Sciences

Total Types: 15

- BS Economics
- BS Political Science
- BS International Relations

- BS Sociology
 - BS Social Work
 - BS Psychology
 - BS Anthropology
 - BS Criminology
 - BS Gender Studies
 - BS Development Studies
 - BS Public Policy
 - BS Peace & Conflict Studies
 - BS Pakistan Studies
 - BS Strategic Studies
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6. Natural & Pure Sciences

Total Types: 12

- BS Physics
 - BS Chemistry
 - BS Mathematics
 - BS Statistics
 - BS Biology
 - BS Biotechnology
 - BS Microbiology
 - BS Biochemistry
 - BS Environmental Sciences
 - BS Zoology
 - BS Botany
 - BS Food Science & Technology
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7. Education (4 Years)

Total Types: 8

- B.Ed (Hons) Elementary
 - B.Ed (Hons) Secondary
 - BS Education
 - BS Educational Leadership
 - BS Special Education
 - BS Early Childhood Education
 - BS Educational Psychology
 - BS Curriculum & Instruction
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8. Law

Total Types: 3

- LLB (5-Year – after Intermediate)
 - LLB (4-Year – after BA/BSc)
 - BS Law
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9. Media, Arts & Design

Total Types: 10

- BS Media Studies
 - BS Mass Communication
 - BS Journalism
 - BS Film & TV Production
 - BFA (Fine Arts)
 - BS Graphic Design
 - BS Fashion Design
 - BS Interior Design
 - BS Textile Design
 - BS Visual Communication
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10. Agriculture & Veterinary

Total Types: 8

- BS Agriculture
 - BS Agronomy
 - BS Horticulture
 - BS Soil Science
 - BS Plant Pathology
 - BS Animal Sciences
 - BS Poultry Sciences
 - DVM (Doctor of Veterinary Medicine – 5 years)
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11. Islamic Studies & Languages

Total Types: 8

- BS Islamic Studies

- BS Quran & Tafseer
 - BS Hadith
 - BS Arabic
 - BS Urdu
 - BS English (Language & Literature)
 - BS Persian
 - BS Linguistics
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12. Architecture, Planning & Environment

Total Types: 6

- B.Arch (Architecture – 5 years)
 - BS City & Regional Planning
 - BS Urban Planning
 - BS Environmental Design
 - BS Landscape Architecture
 - BS Construction Management
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Summary

- **Total Major Fields: 12**
- **Total 4-Year Degree Types: 120+** (approx.)
- Offered by **HEC-recognized universities across Pakistan**