

# ማስታወቂያ

## ለድህረ ምረቃ ትምህርት ፈላጊዎች በሙሉ

የአዳማ ሳይንስና ቴክኖሎጂ ዩኒቨርሲቲ በ2017 የትምህርት ዘመን ከዚህ በታች የተዘረዘሩት የድህረ ምረቃ ትምህርት ፕሮግራሞች በመደበኛ (Regular) መርሃ ግብር በሁለተኛ ዲግሪ እንዲሁም በመደበኛ (Regular) መርሃ ግብር በሦስተኛ ዲግሪ አመልካቾችን ተቀብሎ ለማስተማር ይፈልጋል፡፡

### የሁለተኛ ዲግሪ ፕሮግራሞች (Second Degree Programs)

#### *1. School of Applied Natural Science*

- 1.1 Applied Biology Specialization in
  - a) Applied Entomology
  - b) Applied Microbiology
  - c) Biodiversity Conservation
  - d) Biotechnology
- 1.2 Applied Chemistry Specialization in
  - a) Analytical Chemistry
  - b) Industrial Chemistry
  - c) Inorganic Chemistry
  - d) Medicinal Chemistry
  - e) Natural Product Chemistry
  - f) Physical Chemistry
  - g) Polymer Chemistry
  - h) Synthetic Organic Chemistry
- 1.3 Applied Geology Specialization in
  - a) Engineering Geology
  - b) Hydrogeology
- 1.4 Applied Mathematics Specialization in
  - a) Algebra
  - b) Analysis
  - c) Differential Equation
  - d) Fluid Mechanics
  - e) Mathematical Modeling
  - f) Numerical Analysis



1.5 Applied Physics Specialization in

- a) Astrophysics
- b) Condensed Matter Physics
- c) Laser Spectroscopy
- d) Material Physics
- e) Quantum Optics
- f) Statistical Physics

**2. School of Civil Engineering and Architecture**

2.1 Architecture Specialization in

- a) Environmental Architecture
- b) Urban Planning and Design

2.2 Civil Engineering Specialization in

- a) Construction Engineering and Management
- b) Geotechnical Engineering

2.3 Geomatics Engineering Specialization in

- Geo-informatics

2.4 Water Resources Engineering Specialization in

- a) Hydraulics Engineering
- b) Hydrology and Water Resources Management
- c) Irrigation Engineering
- d) Water Supply and Environmental Engineering

**3. School of Electrical Engineering and Computing**

3.1 Computer Science and Engineering Specialization in

- a) Artificial Intelligence
- b) Cloud Computing and Distributed Systems
- c) Computer Networks and IoT Systems
- d) Computer Vision
- e) Data Science
- f) Smart Software Systems

3.2 Electronics and Communication Engineering Specialization in

- a) Communication Engineering
- b) Electronics Engineering

3.3 Electrical Power & Control Engineering Specialization in

- a) Control Engineering
- b) Power Electronics and Drives Engineering
- c) Power Systems Engineering

**4. School of Humanities and Social Science**

4.1 Technology and Innovation Management Specialization in

- Technology and Innovation Management



**5. School of Mechanical, Chemical and Materials Engineering**

- 5.1 Chemical Engineering Specialization in
  - Process Engineering
- 5.2 Material Science and Engineering Specialization in
  - a) Material Science and Engineering
  - b) Minerals & Metallurgical Engineering
- 5.3 Mechanical Engineering Specialization in
  - a) Agricultural Machinery Engineering
  - b) Automotive Engineering
  - c) Manufacturing Engineering
  - d) Thermal Engineering

**የሥነ-ተፈጥሮ ዲግሪ (PhD) ፕሮግራሞች**

***1. School of Applied Natural Sciences***

- 1.1 Applied Biology Specialization in
  - a) Animal Biotechnology
  - b) Environment Biotechnology
  - c) Health Biotechnology
  - d) Plant Biotechnology
  - e) Pharmaceutical Biotechnology
- 1.2 Applied Chemistry Specialization in
  - a) Bio-Inorganic Chemistry
  - b) Materials Chemistry
  - c) Medicinal Chemistry
  - d) Natural Product Chemistry
  - e) Synthetic Organic Chemistry
- 1.3 Applied Mathematics Specialization in
  - a) Applied Differential Equations
  - b) Fluid Mechanics
  - c) Mathematical Modeling
  - d) Numerical Analysis
- 1.4 Applied Physics Specialization in
  - a) Condensed Matter Physics
  - b) Laser Spectroscopy
  - c) Material Physics
  - d) Quantum Optics and Information



**2. School of Civil Engineering and Architecture**

- 2.1 Architecture Specialization in
  - Urban Housing and Development
- 2.2 Water Resources Engineering Specialization in
  - Irrigation Engineering

**3. School of Electrical Engineering and Computing**

- 3.1. Computer Science and Engineering Specialization in
  - Computer Science and Engineering
- 3.2 Artificial Intelligence Specialization in
  - Artificial Intelligence
- 3.3. Electrical Power and Control Engineering Specialization in
  - a) Control Systems Engineering
  - b) Electrical Engineering
- 3.4. Electronics and Communication Engineering Specialization in
  - Electronics and Communication Engineering

**4. School of Humanities and Social Science**

- 4.1 Technology and Innovation Management Specialization in
  - Technology and Innovation Management

**5. School of Mechanical, Chemical and Materials Engineering**

- 5.1. Chemical Engineering Specialization in
  - Chemical Engineering
- 5.2. Material Science and Engineering Specialization in
  - Materials Science & Engineering
- 5.3. Mechanical Engineering Specialization in
  - a) Agricultural Machinery Engineering
  - b) Automotive Engineering
  - c) Manufacturing Engineering
  - d) Thermal Engineering

**አጠቃላይ የመመዘኛ መስፈርቶች እና የምዝገባ ሁኔታ**

**ለምስተርስ ዲግሪ**

- የመጀመሪያ ዲግሪ በተያያዥ የትምህርት ዘርፍ ከታወቀ የትምህርት ተቋም ያጠናቀቀ/ያጠናቀቀች
- በመጀመሪያ ዲግሪ CGPA ለሴቶች 2.50 እና ከዚያ በላይ ለወንዶች 2.75 እና ከዚያ በላይ ያለው/ያላት ሲሆን
- የወጪ መጋራት ክፍያ ያለባቸው ወጪውን መክፈላቸውን ወይም አስፈላጊውን አገልግሎት ለመስጠታቸው ማስረጃ ማቅረብ የሚችል/የምትችል

**ለፒ.ኤች.ዲ ዲግሪ**

- የሁለተኛ ዲግሪ በተያያዥ የትምህርት ዘርፍ ከታወቀ የትምህርት ተቋም ያጠናቀቀ/ያጠናቀቀች
- በሁለተኛ ዲግሪ CGPA ለሴቶች 3.00 እና ከዚያ በላይ ለወንዶች 3.25 እና ከዚያ በላይ ያለው/ያላት
- የሁለተኛ ዲግሪ የመመሪያ ዕሉፍ ውጤት “Good” እና ከዚያ በላይ የሆነ



ማሳሰቢያ

- ለፒ.ኤች.ዲ ዲ.ግሪ (PhD) አመልካቾች ከ10 ገጽ ያልበለጠ Synopsis ማዘጋጀት ይጠበቅባቸዋል
- ለማስተርስ እና ለፒ.ኤች.ዲ.(PhD) ዲ.ግሪ አመልካቾች ሁለት የድጋፍ ደብዳቤ (Recommendation Letter) ማቅረብ ይጠበቅባቸዋል።
- የማመልከቻ ጊዜ በኦገስት 1/2016 እስከ መስከረም 06/2017 ዓ.ም
- የመግቢያ ፊተና የማሰጠት ቀንና ቦታ በውስጥ ማስታወቂያ እና እንዲሁም በዩኒቨርሲቲው ድህረ ገጽ [www.astu.edu.et](http://www.astu.edu.et) የሚገለፅ ይሆናል።

የአዳማ ሳይንስና ቴክኖሎጂ ዩኒቨርሲቲ

ሬጀስትራር ጽ/ቤት

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ወይም በዩኒቨርሲቲው ድህረ ገፅ [www.astu.edu.et](http://www.astu.edu.et)

ገብተው መረጃ ማግኘት ይችላሉ።

