

**Unleashing Potentials
Shaping the Future**



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For more information, please visit our website:

MASTER OF SCIENCE IN TEXTILES

(AS720) MIXED-MODE

(uitm.edu.my)

MASTER OF SCIENCE IN TEXTILES

School of Graduates Studies
Faculty of Applied Sciences

AS 720

MIXED MODE



TEXTILE



Courses

This MSc. in Textiles (Mixed-Mode) program requires completion of **40 credits hours** for graduation.

SEMESTER 1

QUANTITATIVE METHOD FOR TEXTILE APPLICATIONS (3 CREDITS)

CHARACTERISTICS OF TEXTILE MATERIALS (3 CREDITS)

RESEARCH METHODOLOGY (3 CREDITS)

ELECTIVE (CHOOSE 1 ONLY) (3 CREDITS)

ELECTIVE COURSES

TEXTILE MATERIALS

ADVANCED COLORATION AND FINISHING TECHNOLOGY

ENGINEERED TEXTILES

MECHANICS OF TEXTILE MATERIALS

ADVANCED CLOTHING SCIENCE

SEMESTER 2

DISSERTATION 1 (13 CREDITS)

SEMESTER 3

DISSERTATION 2 (15 CREDITS)

Areas of Research for Dissertation (not limited to the followings): Engineered Textiles including Smart Textiles; Simulation & Modelling of Textiles; Textile & Clothing Comfort; Nanofibres via Electrospinning; Clothing Science; Fashion Studies; Natural dyes & Coloration; Textile Finishing; Textile Management, Retailing & Entrepreneurship.

This program comprises of 70% Research (Dissertation) and 30% Course Work Components.

Admission Requirements

A minimum of second-class Bachelor of Science (Honours) Textile Technology or in any science-related fields from UiTM or any institutions of higher learning recognized by the UiTM senate with CGPA at least 2.75 or its equivalence.

Bachelor of Science (Honours) Textile Technology or in any science-related fields from UiTM or any institutions of higher learning recognized by the UiTM senate with CGPA at least 2.50 or its equivalence together with at least two (2) years of relevant working experience.

Entry requirements based on Accreditation of Prior Experiential Learning (APEL)

- A Malaysian citizen
- A pass in Diploma with CGPA 2.0 or equivalent
- Must be at least 30 years old at the time of application
- Minimum relevant working experience of at least ten (10) years
- Requires a portfolio / resume and letter of confirmation from the employer on all work performed
- Pass an interview
- A pass in the Aptitude Test conducted by MQA.

Duration of Study

This degree is designed for students interested in pursuing careers in advanced textile technology for the duration of 1½ years (3 semesters) for full-time basis and 2 years (4 semesters) for part-time basis.

Mode of Study

Methods of teaching include lectures, colloquiums, practical training and dissertation projects.

Program Synopsis

As the only institution of higher learning in Malaysia offering Textile Technology programmes, the programme of MSc. in Textiles focuses on producing a textile technologist equipped with some advanced scientific knowledge of textile materials needed for the conversion of fibres to textile end products. Graduates from universities and other certified higher institutions majoring in sciences, engineering or a compatible discipline have the opportunity to be exposed to:

- Advanced manufacturing of textile materials and products.
- Mechanical aspects and quantitative methods used in textile applications.

In this context and in accordance to the UiTM academic regulation, the master programme should be able to deliver an advance of the following educational sections:

1. Mechanics and characterisation of the textile materials from fibres, yarn and fabrics,
2. Manufacturing of textiles from nanofibres, composites, coated fabrics, etc,
3. Colouration and finishing technology, Clothing science, and
4. Research dissertation dealing with current issues in textile technology.

Alumni

NUR KHAIRINA HALIP
PRODUCTION EXECUTIVE
JOVIAN APPAREL SDN. BHD

