# BSc (Hons) Fashion Technology (minor: Entrepreneurship) (F/T) - E307

## 1. Introduction

The textile industry has historically been the cradle of major developments in technology, manufacturing methods, management principles and entrepreneurial strategies. Locally, the textile and apparel industry has, over several decades, been a great employer of graduates in numerous fields from technical to managerial and it still remains a significant provider of high technical skilled and managerial job for our youth at the supervisory and middle-management level. Besides, the revenue generated by the small, medium and large textile enterprises is considered to be an important contributor to the Mauritian economy.  The Fashion Technology (minor: Entrepreneurship) degree program aims at fulfilling two current human resource needs of the country: (i) producing graduates with a sound and coherent understanding of the technological and managerial aspects of the various chains of the textile and apparel production (ii) producing young people with the potential of becoming job creators in the short to medium term in various textile and non-textile related areas. Graduates may either opt for a career in the textile and apparel industry or consider setting up micro-businesses, small enterprises and support services that supplement and sustain the textile and apparel industry.  The provision of skilled workforce would allow the textile and fashion apparel industry to consolidate itself and flourish by maintaining high productivity and quality standards. The integration of latest technologies and techniques of manufacturing and the application of sophisticated logistics for the timely supply of products are critical for the industry to remain competitive in such a global marketplace. On the other hand, those who opt to become entrepreneur in the field of textile, fashion, and apparel would help to support the industry at large and generate further revenue for the economy.

## 2. Aim

The aim of this programme is to produce graduates with a broad-based knowledge of production technology of textiles and apparel along with the knowledge and skills necessary to launch enterprises that directly or indirectly support the textile, fashion, and apparel industry.

## 3. Objectives

   i.  To provide students with a theoretical and practical understanding of fashion and design, textile production and technological processes, business enterprise and their interactions;
  ii.  To develop students' skills, knowledge and understanding as applicable to work within the Mauritian textile and apparel industry;
 iii.  To assist students in developing, managing ideas and associated technologies in textile and apparel design projects;
  iv.  To enhance students' ability to harness design, innovation and problem solving skills within the context of a business strategy and an organisational framework;
   v.  To prepare students to view entrepreneurship as a desirable and feasible career option;
  vi.  To assist students in their ability to carry out research effectively by identifying, assimilating, interpreting and applying technical, market and business information through sound and innovative research methods.

## 4.  Job Opportunities & Prospects

Graduates of Fashion Technology (minor: Entrepreneurship) degree programme will be qualified for jobs in the textile and apparel industry, such as product developer, textile/apparel/fashion technologist, textile/apparel/fashion merchandiser, textile and fashion co-coordinator or can be self-employed in the field of textile and apparel production.

**5. General Entry Requirements**

As per General Entry Requirements for admission to the University for Undergraduate Degrees.

**6. Programme Requirements**

Five credits at SC/ 'O' Level.

Any 2 GCE 'A' Level Passes. A Foundation in Art, Design & Technology or in a design-related subject awarded by a recognised awarding body is also acceptable as NQF level 5

OR alternative qualifications acceptable to the UoM.

**7. (i) Minimum Requirements for Degree Award** – 100 credits

   **(ii) Minimum Requirements for exit with a Diploma** – 60 credits

A student may exit with a Diploma award provided s/he satisfies the following minimum requirements, as given hereunder. The request for exit at the Diploma level should be made in writing to the Dean of Faculty. A Diploma project is compulsory and would normally be of 12 weeks duration, commensurate with work input of at least 90 contact hours. Diploma Project carries 5 credits.

**Minimum Credits Required for the Award**

| MODULES | Minimum Credits Required | |
|---|---|---|
| | Degree | Diploma |
| Management | 6 | 6 |
| Entrepreneurship | 6 | 3 |
| Technology & Engineering | 12 | 6 |
| Departmental | 61 | 45 (including 5 credits for Diploma Project) |
| Management (Elective) | 6 | |
| Entrepreneurship (Elective) | 6 | |
| Departmental (Elective) | 3 | |
| **TOTAL** | **100** | **60** |

**8. Programme Duration  : Full-Time**

| | Normal (Years) | Maximum (Years) |
|---|---|---|
| Degree: | 3 | 5 |

**9. Credits per Year**

Minimum 6, Maximum 48, subject to Regulations 7 above.

### 10. Assessment

<u>Examinable Modules</u>

A given module can either be taught in semester 1 only or in semester 2 only or throughout the two semesters.

Assessment will be based on a written examination of 2 to 3-hour duration (normally a paper of 2-hour duration for modules carrying less or equal to 3.5 credits and a 3-hour paper for modules carrying five or more credits) and on continuous assessment carried out during the semester or year.

Written examinations for all yearly modules will be carried out at the end of the academic year. Written examinations for semester modules will be carried out at the end of each respective semester.

The continuous assessment will count for 20-40% of the overall percentage mark of the module(s), except for a Programme where the structure makes for other specific provision(s). Continuous assessment may be based on laboratory work, seminars and at least 2 assignments/tests per year per module.

There will be a compulsory class test for all semester modules, unless otherwise stated in the programme structure. An overall total of 40% for combined continuous assessment and written examination components would be required to pass the module, without any minimum thresholds within the individual continuous assessment and written examination. The same criterion will apply for modules being assessed jointly.

**The following modules will be assessed as specified hereunder:**

DASE 1107(1) Apparel Construction 1; DASE 1204(3) Pattern Drafting System 1; DASE 1001Y(3) Fashion Design Principles; DASE 2109(3) Software Applications for Fashion Design; DASE 2208(3) Computer Aided Design for Apparel; DASE 3105(3) Start Up Business Plan.

There will be a minimum of 3 assignments and 1 mini-project per yearly module, and a minimum of 1 assignment and/or 1 mini-project per semester module, which will account for 60% of total marks. A final assessment based on 40% of total marks will be conducted at the end of the semester/ year by the resource person concerned under examination conditions.

Special examinations will be arranged at the end of semester 1 or semester 2 for exchange students who have registered for only one semester. In case of yearly modules, credits will be assigned on a pro-rata basis.

## 11. List of Modules – BSc (Hons) Fashion Technology (minor: Entrepreneurship)

### CORE MODULES

| Code | Module Name | Hrs/Wk L+P | Credits |
|------|-------------|------------|---------|
| **Management** | | | |
| MGT 1117 (1) | Principles and Practice of Management | 3+0 | 3 |
| MGT 2253 (3) | Business Communication and Effective Negotiation | 3+0 | 3 |
| **Entrepreneurship** | | | |
| MGT 1102 (1) | Fundamentals of Entrepreneurship | 3+0 | 3 |
| DASE 2108 (3) | Small and Medium Textile Enterprise Management | 3+0 | 3 |
| **Technology & Engineering** | | | |
| DASE 2109 (3) | Software Applications for Fashion Design | 1+4 | 3 |
| DASE 2208 (3) | Computer Aided Design for Apparel | 2+2 | 3 |
| DASE 2002Y (3) | Quality Concepts in Textile Industry | 3+0 | 6 |
| **Department** | | | |
| DASE 1105 (1) | Textile Materials | 3+0 | 3 |
| DASE 1106 (1) | Yarn Production | 3+0 | 3 |
| DASE 1107 (1) | Apparel Construction I | 0+4 | 2 |
| DASE 1203 (1) | Garment Technology | 2+2 | 3 |
| DASE 1204 (3) | Pattern Drafting Systems I | 1+4 | 3 |
| DASE 1205 (3)* | Fabric Production | 2+2 | 3 |
| DASE 1206 (3) | Textile Statistics | 3+0 | 3 |
| DASE 1001Y (3) | Fashion Design Principles | 1+4 | 6 |
| DASE 1200 (1) | Industrial Placement I | 8 weeks | |
| DASE 2107 (3) | Product Performance and Evaluation | 2+2 | 3 |
| DASE 2209 (3) | Creativity and Innovation in Design | 2+2 | 3 |
| DASE 2003Y(5)* | Textile Colouration and Finishing | 2+2 | 6 |
| DASE 2200 (3) | Industrial Placement II | 8 weeks | |
| DASE 3103 (3) | Fashion Merchandising | 3+0 | 3 |
| DASE 3105 (3) | Start Up Business Plan | 0+6 | 3 |
| DASE 3202 (3) | Ethics, Fair Trade & Sustainability in the Textile Supply Chain | 3+0 | 3 |
| DASE 3004Y(5)* | Apparel Production Planning & Control | 2+1 | 5 |
| DASE 3006Y (5) | Dissertation | - | 9 |
| **TOTAL DEPARMENT** | | | **61** |
| DASE 2002 (3) | Diploma Project | 12 weeks | 5 |

### ELECTIVES

| Code | Module Name | Hrs/Wk L+P | Credits |
|------|-------------|------------|---------|
| **Management** | | | |
| ACF 1000 (1) | Accounting for Financial Decision-Making | 3+0 | 3 |
| MGT 1226 (1) | Economics for Managers | 3+0 | 3 |
| MGT 2086 (3) | Marketing in Practice | 3+0 | 3 |
| **Entrepreneurship** | | | |
| DASE 2210 (3) | Sustainable Practices for Textile Industry | 3+0 | 3 |

| MGT 2087 (3) | Corporate Ethics and Good Governance | 3+0 | 3 |
| MGT 3087Y (5) | Strategic Management & Entrepreneurial Strategies | 3+0 | 6 |

**Department**

| DASE 3102 (3) | Technical Textiles | 3+0 | 3 |

## 12.    Programme Structure

<table>
<tr><td colspan="9" align="center"><b>YEAR 1</b></td></tr>
<tr><td colspan="9" align="center"><b>SEMESTER CORE MODULES</b></td></tr>
<tr><td colspan="4" align="center"><b>Semester 1</b></td><td colspan="5" align="center"><b>Semester 2</b></td></tr>
<tr><td><b>Code</b></td><td><b>Module Name</b></td><td><b>Hrs/Wk L+P</b></td><td><b>Credits</b></td><td><b>Code</b></td><td colspan="2"><b>Module Name</b></td><td><b>Hrs/Wk L+P</b></td><td><b>Credits</b></td></tr>
<tr><td>DASE 1105(1)</td><td>Textile Materials</td><td>3+0</td><td>3</td><td>DASE 1203(1)</td><td colspan="2">Garment Technology</td><td>2+2</td><td>3</td></tr>
<tr><td>DASE 1106(1)</td><td>Yarn Production</td><td>3+0</td><td>3</td><td>DASE 1204(3)</td><td colspan="2">Pattern Drafting Systems I</td><td>1+4</td><td>3</td></tr>
<tr><td>DASE 1107(1)</td><td>Apparel Construction I</td><td>0+4</td><td>2</td><td>DASE 1205(3)*</td><td colspan="2">Fabric Production</td><td>2+2</td><td>3</td></tr>
<tr><td>MGT 1102(1)</td><td>Fundamentals of Entrepreneurship</td><td>3+0</td><td>3</td><td>DASE 1206(3)</td><td colspan="2">Textile Statistics</td><td>3 +0</td><td>3</td></tr>
<tr><td>MGT 1117(1)</td><td>Principles and Practice of Management</td><td>3+0</td><td>3</td><td></td><td colspan="2"></td><td></td><td></td></tr>
<tr><td colspan="9" align="center"><b>SEMESTER ELECTIVE  MODULE</b></td></tr>
<tr><td></td><td></td><td></td><td></td><td>MGT1226(3)</td><td colspan="2">Economics for Managers</td><td>3+0</td><td>3</td></tr>
<tr><td colspan="9" align="center"><b>YEARLY CORE MODULES</b></td></tr>
<tr><td><b>Code</b></td><td colspan="6"><b>Module Name</b></td><td><b>Hrs/Wk L+P</b></td><td><b>Credits</b></td></tr>
<tr><td>DASE 1001Y(3)</td><td colspan="6">Fashion Design Principles</td><td>1+4</td><td>6</td></tr>
<tr><td colspan="9"></td></tr>
<tr><td>DASE 1200(1)</td><td colspan="6">Industrial Placement I</td><td>8 weeks</td><td></td></tr>
<tr><td colspan="9" align="center"><b>Total Number of credits Yr 1 = 35</b></td></tr>
<tr><td colspan="9" align="right"><b>Sub Total 35</b></td></tr>
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<tr><td colspan="8" align="center"><b>YEAR 2</b></td></tr>
<tr><td colspan="8" align="center"><b>SEMESTER CORE MODULES</b></td></tr>
<tr><td colspan="4" align="center"><b>Semester 1</b></td><td colspan="4" align="center"><b>Semester 2</b></td></tr>
<tr><td><b>Code</b></td><td><b>Module Name</b></td><td><b>Hrs/Wk L+P</b></td><td><b>Credits</b></td><td><b>Code</b></td><td><b>Module Name</b></td><td><b>Hrs/Wk L+P</b></td><td><b>Credits</b></td></tr>
<tr><td>DASE 2107(3)</td><td>Product Performance and Evaluation</td><td>2+2</td><td>3</td><td>DASE 2208(3)</td><td>Computer Aided Design for Apparel</td><td>2+2</td><td>3</td></tr>
<tr><td>DASE 2108(3)</td><td>Small and Medium Textile Enterprise Management</td><td>3+0</td><td>3</td><td>DASE 2209(3)</td><td>Creativity & Innovation in Design</td><td>2+2</td><td>3</td></tr>
<tr><td>DASE 2109(3)</td><td>Software Applications for Fashion Design</td><td>1+4</td><td>3</td><td>MGT 2253(3)</td><td>Business Communication and Effective Negotiation</td><td>3+0</td><td>3</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
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| | YEARLY CORE MODULES | | |
|---|---|---|---|
| **Code** | **Module Name** | **Hrs/Wk L+P** | **Credits** |
| DASE 2002Y(3) | Quality Concepts in Textile Industry | 3+0 | 6 |
| DASE 2003Y(5)* | Textile Colouration & Finishing | 2+2 | 6 |
| | | | |
| DASE 2200(3) | Industrial Placement II | 8 weeks | |

| | SEMESTER ELECTIVE MODULE | | | | | | |
|---|---|---|---|---|---|---|---|
| **Code** | **Module Name** | **Hrs/Wk L+P** | **Credits** | **Code** | **Module Name** | **Hrs/Wk L+P** | **Credits** |
| ACF 1000(1) | Accounting for Financial Decision Making | 3+0 | 3 | DASE 2210(3) | Sustainable Practices for Textile Industry | 3+0 | 3 |
| MGT 2087(3) | Corporate Ethics and Good Governance | 3+0 | 3 | MGT 2086(3) | Marketing in Practice | 3+0 | 3 |

**Total Number of credits Yr 2 = 42**

**Sub Total 42**


| | YEAR 3 | | | | | | |
|---|---|---|---|---|---|---|---|
| | SEMESTER CORE MODULES | | | | | | |
| **Code** | **Module Name** | **Hrs/Wk L+P** | **Credits** | **Code** | **Module Name** | **Hrs/Wk L+P** | **Credits** |
| DASE 3103(3) | Fashion Merchandising | 3+0 | 3 | DASE 3202(3) | Ethics, Fair Trade & Sustainability in the Textile Supply Chain | 3+0 | 3 |
| DASE 3105 (3) | Start Up Business Plan | 0+6 | 3 | | | | |

| | YEARLY CORE MODULE | | |
|---|---|---|---|
| **Code** | **Module Name** | **Hrs/Wk L+P** | **Credits** |
| DASE 3004Y(5)* | Apparel Production Planning & Control | 2+1 | 5 |
| | | | |
| DASE 3006Y(5) | Dissertation | - | 9 |

| | SEMESTER ELECTIVE MODULES | | | | | | |
|---|---|---|---|---|---|---|---|
| DASE 3102(3) | Technical Textiles | 3+0 | 3 | | | | |

| | YEARLY ELECTIVE MODULE | | |
|---|---|---|---|
| MGT 3087Y(5) | Strategic Management & Entrepreneurial Strategies | 3+0 | 6 |

**Total Number of credits Yr 3 = 23**

**Sub Total 33**

**Grand Total 100**

*This Programme has been amended as follows:*

*Year programme was launched: 2016*

*Years programme was previously revised: 2017, 2021*