Module Code : BB-1102
Module Title : Business Statistics
Degree/Diploma : Bachelor of Business
Type of Module : Degree Core
Breadth: All other programmes

Modular Credits : 4
Total Student Workload:
Contact hours: 8 hours/week
2 hours/week

Prerequisite : None
Anti-requisite : HS-1402 Biostatistics; SM-2403 Introductory Statistics; SM-2205 Intermediate Statistics; SB-1203 Skills in Biological Sciences

Aims:
This module aims to impart preliminary and advanced statistical knowledge to the students, to enable students to apply various statistical methods and procedures in preparing tutorials’ material, and projects related to various courses in their major disciplines. At the end of the module, students will also be able to develop an understanding of the techniques and analytical skills that are applicable to transform raw data from various business and administrative organizations into meaningful information as well as to identify patterns in data originating from the dynamic business environment, and establish models using the patterns.

Module Content:
- Graphical and Tabular Descriptive Techniques
- Numerical Descriptive Techniques
- Probability
- Discrete Probability Distributions
- Continuous Probability Distribution
- Introduction to Hypothesis Testing
- Inference about a Population
- Analysis of Variance
- Chi-Squared Tests
- Simple Linear Regression and Correlation
- Multiple Regression

Assessment:
<table>
<thead>
<tr>
<th>Examination</th>
<th>Coursework:</th>
</tr>
</thead>
<tbody>
<tr>
<td>50%</td>
<td>50%</td>
</tr>
<tr>
<td>Mid-term Test/Quiz</td>
<td>20%</td>
</tr>
<tr>
<td>Tutorial Presentations</td>
<td>15%</td>
</tr>
<tr>
<td>Case Study/ Project</td>
<td>15%</td>
</tr>
</tbody>
</table>

Lower order: 3  Middle order: 4  Higher order: 3