



**University of Technology, Jamaica
Faculty of the Built Environment
School of Building & Land Management
and the
Caribbean Sustainable Energy and Innovation Institute**



**ACADEMIC DIET
for
Masters of Science Degree in
Sustainable Energy & Climate Change**

Academic Year 2024/25

Academic Diet for MSc Sustainable Energy and Climate Change (MSSECC)

| Code | Modules | Credits |
|---|--|--------------------------|
| Year 1: Semester 1 | | |
| SEC5001 | Research Methodologies | 3 |
| SEC5002 | Sustainability of Energy Systems | 3 |
| SEC5003 | Climate Change and Sustainable Lifestyles | 3 |
| | Sub-total: | 9 |
| Year 1 Semester 2 | | |
| SEC5004 | Energy and Environmental Policies, Regulations and Economics | 3 |
| SEC5005 | Green Business and Green Growth | 3 |
| SEC5006 | Energy and Environmental Data Management | 3 |
| | Sub-total: | 9 |
| Year 1: Summer | | |
| SEC5007 | Energy Management in Buildings and Industry | 3 |
| SEC5008 | Green Entrepreneurship and Innovation | 3 |
| | | 6 |
| Year 2 Semester 1 | | |
| SEC5009 | Solar PV Design and Implementation | 3 |
| SEC5010 | Climate Change and Sustainable Planning | 3 |
| SEC5011 | Integrated Water resource Management | 3 |
| SEC5012 | Bio-Based Economy | 3 |
| SEC5013 | Smart Grid and Grid Management | 3 |
| SEC5014 | Sustainable Community Development | 3 |
| SEC5015 | Sustainable Transport | 3 |
| SEC5016 | Ocean Resources Management | 3 |
| | Sub-total: | 6 only |
| Year 2: Semester 2 | | |
| SEC5017 | Research Project | 4 |
| SEC5018 | Internship (5days x 8 Hours X 4 Weeks)=160 Hours | 2 |
| | Sub-total: | 6 |
| (MSc Sustainable Energy and Climate Change) | | Total Credits: 36 |

NOTE: 1) Core modules are highlighted. These modules should be selected first. 2) Lectures and Tutorials (375 hours) will be delivered Online via Zoom, while Laboratory and other Practical Sessions (225) will be delivered partly Online (145) and Party Face-to-Face (80). Research Project and Internship (160 hours) are not included,

TOTAL CREDIT COUNT FOR COURSE OF STUDY: 36**Note on Course Breakdown:**

| | |
|---------------------------|---------------------|
| 8 Core Modules (Year 1) | = 24 Credits |
| 2 Electives (Year 2) | = 6 Credits |
| Internship (Year 2) | = 2 Credits |
| Research Project (Year 2) | = 4 Credits |
| Total | = 36 Credits |

FOR MORE INFORMATION:

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