

Natural Resources & Environmental Management
MSc Programme

Student Handbook

2026 - 2027



Centre for Resource Management and Environmental Studies
The Faculty of Science and Technology
The University of the West Indies (UWI), Cave Hill Campus
Barbados

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PLEASE NOTE THE INFORMATION CONTAINED HEREIN IS SUBJECT TO CHANGE WITHOUT NOTICE

CERMES Faculty

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Programme Coordinator

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Academic Staff

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Administrative, Technical Staff

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Laboratory/Field Technician
Administrative Assistant
Departmental Secretary

Mr. Dale Benskin
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Programme Objectives

The overall objective of the Masters Programme in Natural Resource and Environmental Management is to contribute to sustainable development in the Caribbean region by training professionals in environmental and natural resource management. The Programme seeks to provide graduate students with advanced training in techniques, mechanisms and policies for sustainable use and management of natural resources in the Caribbean.

Programme Structure & Content

Core Courses

The MSc consists of seven core courses worth three credits each and consist of 24 hours of lectures and an average of 12 hours of practical work.

Specialisation Stream Courses

There are four specialisation streams with four courses each. They are:

- Tropical Coastal and Marine Resource Management
- Climate Change
- Water Resources Management
- Land Management and Environmental Resilience

Specialisation courses are worth four credits each and consist of 36 hours of lectures and an average of 18 hours of practical work.

Students taking any stream may, on request, substitute one course from any other specialisation stream. On successful completion such students would be awarded the degree in their primary stream.

Non-Specialisation Option

. The Non-Specialisation option offers students greater flexibility in choosing courses across our existing four specialisation streams.

After completing the core courses, students in the non-specialisation option have the flexibility to choose four specialisation courses from any of the above specialisation streams, taking a maximum of two courses from any single specialisation stream. Students will therefore have the flexibility to choose at least one course from each of the four specialisations to complete their degree.

The total number of credits required is the same as established for the existing specialisations (21 credits in core courses, 16 credits in specialisation courses and 8 credits in the research project).

Ordinarily, students should choose their specialisation stream when they apply to the

Programme. On written request and approval by the CERMES Director, students may be allowed to change streams during Semester I. However, all changes have to be made before the close of Semester II registration. No requests for changes in specialisation streams will be allowed after the close of Semester II registration.

Research Project

The research paper is worth eight credits.

To successfully complete this MSc Programme, students must therefore obtain the appropriate number of credits as outlined in Table 1. Students may be exempted from one or more core courses depending on their qualifications on entry to the Programme.

Programme Implementation & Duration

Duration

The Programme is delivered full-time in 14 months. This includes a ten-month period for course delivery and examination, and a four-month period for the research project. Courses are taught as two-to-three-week modules, with examinations following the completion of each module where applicable, and course work being assessed throughout. Typically, courses are mostly delivered face-to-face, except for two core courses, which are delivered fully online and one core course which is blended (face-to-face and online). Due to changes in our global environment, Semester I and II modes of delivery will be decided based on the regional situation and UWI protocols.

Entry Requirements

A Bachelor's degree in a discipline appropriate to the MSc with a minimum Grade Point Average of 2.5 or Lower Second-Class Honours or its equivalent is required. The minimum level of the degree required may be re-assessed for candidates with extensive professional experience in an appropriate discipline.

Application Procedures

Candidates should apply online through the Student Affairs, Admissions office of The University of the West Indies, Cave Hill Campus. Prospective graduate students can apply online via the website: <http://www.cavehill.uwi.edu/gradstudies/future-students/application-steps.aspx>.

Assessment Procedures

Courses are typically assessed by a combination of course assignments and a final examination or by a set of course assignments. For the research paper, assessment will be based on the examination of the paper (please refer to the Guidelines for ENVT 6900 Research Projects). The degree awarded is based on a GPA system:

GPA	Class of Hons Degree
3.70 & above	Distinction
3.00 – 3.69	Merit
2.00 – 2.99	Pass
0.00 – 1.99	Fail



For more details on the GPA system, please click here:

<https://www.cavehill.uwi.edu/gradstudies/resources/gpa-regulations-for-graduate-certificates-diplomas.aspx>

Graduation

Students are expected to graduate in October of the academic year following their year entry into the programme. However, once a student completes all programme requirements prior to graduation, a letter of completion can be written to assist with job applications, promotions or confirmation for return to service. Note that the UWI Masters certificate for the programme will be issued after the graduation ceremony is held (normally in October).

Table 1: Course Credits for MSc Programme in Natural Resource and Environmental Management

Course	Tropical Coastal & Marine Resources Management	Climate Change	Water Resources Management	Land Management & Environmental Resilience	Non-Specialisation option
ENVT 6000 Concepts and Issues for Environmental Managers	3	3	3	3	3
ENVT 6001 Introduction to Environmental Planning and Management	3	3	3	3	3
ENVT 6002 Professional Skills for Environmental Managers	3	3	3	3	3
ENVT 6100 Environmental Impact Assessment	3	3	3	3	3
ENVT 6120 Measurement and Analysis in Natural Resource Management	3	3	3	3	3
ENVT 6101 Geoinformatics for Environmental Management	3	3	3	3	3
ENVT 6102 Resource Economics	3	3	3	3	3
ENVT 6122 Fisheries Biology and Management	4				Choose 16 credits from any stream with a maximum of 8 credits from any one stream.
ENVT 6126 Coastal Dynamics and Management	4				
ENVT 6127 Ecology and Management of Coral Reef Ecosystems	4				
ENVT 6130 Climate Dynamics and Modelling		4			
ENVT 6131 Policy Response to Climate Change		4			
ENVT 6132 Vulnerability to Climate Change and Impact Assessment		4			
ENVT 6133 Climate Change Impacts: Mitigation and Adaptation		4			
ENVT 6220 Water and Wastewater Management			4		
ENVT 6230 Water Management and the Environment			4		
ENVT 6235 Soil and Water Conservation				4	
ENVT 6236 Hydro-meteorological Risks and Water Resource Management			4		
ENVT 6238 Surface and Groundwater Hydrology			4		
ENVT 6240 Land Use and Environmental Resilience				4	
ENVT 6245 Biodiversity and Protected Area Management				4	
ENVT 6250 Tools for Environmental and Food Systems Analysis				4	
ENTV 6255 Disaster Risk and Resilience in Caribbean Tourism	4				
ENVT 6900 Research Project	8	8	8	8	8
Total	45	45	45	45	45

Course Descriptions

Core Courses

ENVT 6000 Concepts and Issues for Environmental Managers

Environmental and natural resource managers address complex issues of sustainable development from local to global level. This introductory course provides an overview of the key concepts and critical issues with which environmental managers should be familiar. In doing so, the course covers foundation topics, some of which are addressed in greater detail in specialization streams, so that all students acquire a broad and integrating interdisciplinary perspective. It encourages participants to examine and explore subjects of interest to them within broad topic headings that include systems thinking, governance, environmental instruments, poverty, gender, sustainable livelihoods, global goals and assessments, blue and green economies, research communication, project management and more. The line-up of topics changes each year to keep current. Students have the opportunity to choose a topic as a special session.

ENVT 6001 Introduction to Environmental Planning & Management

Environmental planning and management is essential to achieve sustainable development. This online, interdisciplinary course prepares participants for the further specialised training required for developing careers in this arena. This course covers topics in environmental planning and management such as international and regional agreements; arrangements for environmental planning; policy design, implementation and evaluation; and people-centred practices. Persons with backgrounds in natural science, social science and other disciplines will find it relevant to their education and experience.

ENVT 6002 Professional Skills for Environmental Managers

This course equips students with a portfolio of skills that will allow them to present themselves, conduct, and present their work professionally. It addresses fundamental verbal and non-verbal communication issues to enhance students' ability to share information in various settings. The improvement of writing skills and the delivery of professional and persuasive presentations are all covered in this course. It provides students with the knowledge and skills required to prepare literature reviews. There is also an introduction to word processing, data management, and presentation. In addition, the course will provide a basic introduction to group dynamics to facilitate students' ability to function effectively in team settings.

ENVT 6100 Environmental Impact Assessment

This course introduces fundamental concepts and processes involved in environmental impact assessment. In addition, the course intends to increase students' understanding of the role of EIA in resource management to the extent that they should be prepared to work as part of an EIA team in their field of expertise.

ENVT 6120 Measurement and Analysis in Natural Resource Management

This two-part course aims to prepare students for their research projects and lifelong research activities. It covers both quantitative and qualitative methods of data collection and a range of widely or commonly used data analysis techniques that are useful to natural resource and environmental managers. Key statistical concepts underlying the data analysis techniques are explained and hands-on data analysis using statistical software is used to reinforce knowledge and skills.

ENVT 6101 Geoinformatics for Environmental Management

Spatial information constitutes a significant part of all information used in policy and management decisions. As such, knowledge and skills in spatial information technology can open several career paths, including natural resources and environmental management. This course provides theoretical and practical foundation in Geographic Information Systems (GIS) and remote sensing, which are the core components of spatial information technology. The course covers concepts and techniques for creating, analysing, and managing spatial data (including satellite images). This course is targeted at MSc Natural Resources and Environmental Management students and anyone interested in acquiring theoretical understanding and practical skills in spatial information technology. Students will gain practical skills in using the ArcGIS and QGIS software to analyse spatial data and satellite images to address problems in natural resources and environmental management. This course seeks to equip students with the theoretical understanding and practical skills in geo-informatics that underpin natural resources and environmental management. This course assumes no previous knowledge or skills in Geo-informatics.

ENVT 6102 Resource Economics

This course surveys a range of economic issues relating to environmental problems and solutions. Economic principles are developed and applied to evaluate environmental issues such as property rights, externalities, conservation, and public goods as well as public and private decisions involving the use and allocation of natural resources. An introduction to markets, potential policy and institutional remedies to general environmental market failures are evaluated; followed by an introduction to cost-benefit analysis and economic valuation methods. The theoretical foundations for economic efficiency and optimal use are then developed and applied to the management of natural resources. Specific resource management areas such as forests, fisheries, land, minerals, and water are examined, with special attention given to coastal and marine resources.

SPECIALISATION STREAMS

TROPICAL COASTAL AND MARINE RESOURCES MANAGEMENT

This stream will provide students with the knowledge and skills in concepts, policies, tools and techniques necessary for fishery and coastal zone management, and with a clear appreciation of the transdisciplinary approach required to be either effective fishery and coastal zone managers or effective advisors and consultants to organisations whose activities impact on the coastal zone. Emphasis will be on Caribbean case studies, with ample opportunity for practical experience. The four specialization courses offered in this stream are:

ENVT 6122 Fisheries Biology and Management

This course starts by introducing students to fish biology, fisheries, gears and techniques. The course reviews the global importance and state of fisheries production and examines the information, tools and strategies needed for assessment and management of fishery resources. The course introduces students to biological assessment techniques suitable for tropical fishery resources, and provides an overview of current fishery management practice, needs and constraints. Emphasis is given to marine capture fisheries, tropical species and Caribbean case studies. The impacts of international agreements, the FAO Code of Conduct for Sustainable Fisheries and recent developments in ecosystem-based management are all considered in the context of fisheries management in the Caribbean.

Topics include: importance and state of world fishery resources, aquaculture and current management issues; traditional and genetic-based stock identification techniques; stock dynamics (growth, mortality, reproduction/recruitment rates of individuals and populations); introduction to yield prediction modeling and interpretation; framework of international law and fisheries policy; influence of NGOs and market demand (eco-labeling); prioritizing management goals; selecting management objectives and performance indicators; review of management tools for controlling catch and effort (quotas, gear restrictions, minimum size, limited entry, closed seasons, MPAs); implementation strategies (top-down and community-based approaches).

ENVT 6126 Coastal Dynamics and Management

This course examines the dynamics of principally critical abiotic coastal resources of the Caribbean with emphasis on the physical processes that shape them, and the linkages and interactions among them. Topics will include wind-generated waves and their properties, including refraction, diffraction, and reflection; coastal erosion, transport, deposition and resultant geomorphologic features; the sediment budget and beach stability; and a review of coastal management tools examining their advantages and disadvantages. These tools will include the use of water quality standards, coastal land use controls, coastal protection structures and approaches various approaches to integrated coastal zone management.

ENVT 6127 Ecology and Management of Coral Reef Ecosystems

This course gives students the essentials of oceanography with a focus on the Caribbean. It then introduces students to the distribution, biology, ecology and dynamics of critical tropical coastal marine ecosystems (coral reefs, mangroves and seagrasses) with emphasis on the Caribbean and site visits to examples of these ecosystems in Barbados. The course will provide an understanding of the full suite of values and the key anthropogenic stressors of coral reefs and their associated ecosystems. This will include an overview of their current status and possible future scenarios. Students will consider options for tackling global stressors and discuss appropriate mitigation measures to address specific local stressors including a review of the pros and cons of ecosystem restoration techniques and marine parks. Students will be introduced to the ecosystem-based management approach, and will gain hands on experience with coral monitoring (rapid appraisal) and mangrove monitoring (long-term) and some of the complex issues of managing a multiple use marine park.

CLIMATE CHANGE

This stream provides students with an understanding of the global climate change and variability across multiple time scales. The physical basis driving global climate change is examined with particular attention dedicated to understanding climate variability and change across the Caribbean region, including knowledge of current climate trends, extreme events, and end of century projections.

An appreciation of potential impacts of climate variability and change on natural and socio-economic systems in the region is gained along with knowledge of adaptive and mitigative measures available to buffer the impacts. An understanding of the regional and international policy framework within which climate change is addressed, along with developing the negotiation skills required to make significant contributions at regional and international climate change dialogue.

ENVT 6130 Climate Dynamics and Modelling

This course develops knowledge and skills for modelling and simulating climate and interpreting the results from climate models. It demonstrates the contribution and relevance of interdisciplinary research and policy considerations as inputs to climate modelling. Topics include: atmospheric constituents, structure and primary atmospheric processes; the global energy balance; atmospheric radiative transfer theory; the energy and moisture balances of the Earth's surface; climate sensitivity and climate feedback mechanisms; weather, climate and climate variability; global oceanic circulation; climate driving forces, including greenhouse gases and their effects; anthropogenic aerosols and volcanic eruptions; ultraviolet radiation, ozone and CFCs; energy balance models, numerical modelling and climate models; scaling issues and limitations of General Circulation Models; monitoring, observation and modelling of past climates and trends; global warming, hurricanes and El Nino Southern Oscillation (ENSO); future climate trends and changes.

ENVT 6131 Policy Response to Climate Change

This course evaluates a broad suite of policy approaches to GHG reduction and climate stabilization, in the context of the United Nations Framework Convention on Climate Change (UNFCCC), the Kyoto Protocol and the Paris Agreement. It develops knowledge and skills for policy formulation, and for strengthening negotiating capacity to further regional interests in the global climate change debate. Topics include: the international policy response; UNFCCC, Kyoto Protocol and Paris Agreement as instruments for atmospheric stabilization; policy approaches of developed and developing countries; negotiating positions of major UN Groups: European Union (EU), Japan-United States-Canada-Australia-New Zealand (JUSCANZ), Group of 77 and China (G77), Environmental Integrity Group (EIG), Organization of Petroleum Exporting Countries (OPEC), the Alliance of Small Island States (AOSIS) and others; application of key negotiating tenets, including the precautionary principle and common but differentiated responsibilities; exploring elements of a CARICOM negotiating position. In addition, the course is a forum for disseminating continuous information to students on CARICOM and SIDS initiatives in the areas of adaptation and mitigation, and also provides updates on the significance of outcomes of the Conference of the Parties (CoP), which are held annually.

ENVT 6132 Vulnerability to Climate Change and Impact Assessment

This course will take a practical and theoretical problem-solving approach to assessing vulnerabilities and impacts. It will also consider the capacity to respond to climate variability and change in the Caribbean. It will draw on interdisciplinary research and applications material from risk assessment, contextual analysis, and use-of-information studies. Cases will be taken from within the Caribbean and other regions and from global reviews, including those of the Intergovernmental Panel on Climate Change. From these, students will develop an intellectual basis for conducting and critiquing research and assessments of impacts, vulnerability and adaptation strategies as appropriate to Caribbean contexts.

ENVT 6133 Climate Change Impacts: Mitigation and Adaptation

With a focus on SIDS, this course examines the observed and projected impacts of climate change (adverse and beneficial), and the role of mitigation and adaptation interventions (and their evaluation) in minimizing the negative effects of change. The course will also explore the potential for climate change to cause shifts in marine boundaries, and potential international, regional, and national responses. The course facilitates understanding of adaptation concepts, frameworks and tools, and the use of various instruments (e.g., tradable emission permits, taxes, insurance schemes) in the implementation of adaptation and mitigation strategies. Students will survey sector-specific adaptation and mitigation options and the potential for strategies in one sector to result in maladaptation in another.

WATER RESOURCES MANAGEMENT

The goal of this stream is to prepare graduates to address technical, social, economic and political dimensions of water resources management, especially in Small Island Developing States. The specialisation courses will cover the physical and organisational dimensions of water supply, distribution and wastewater management and the variety of issues facing water services managers. They will provide training in hydrological and hydrogeological analysis techniques and their application.

ENVT 6220 - Water and Wastewater Management

The focus of this course is on the technical, managerial, and organizational aspects of making water resources available to consumers and the removal, treatment and disposal of wastewater. Students will be provided with an understanding of the issues surrounding aspects of water and wastewater management such as water collection and treatment, transportation and distribution of water; water demand estimation, supply and demand management; water distribution in urban and rural areas; water quality standards and measurement; definitions and characteristics of wastewaters; the potential environmental and public health concerns; sanitation, different wastewater collection and wastewater treatment and disposal systems; green-, grey- and black-water recycling and reuse; residuals management; storm-water drainage and management in urban and coastal areas; policy, legislation and regulations; financial mechanisms and institutional arrangements. In addition, the potential impact of climate change on water and wastewater management and the range of responses, adaptations and mitigations measures will be explored.

ENVT 6230 - Water Management and the Environment

Integrated water resources management considers how water should be managed by considering the multiple viewpoints and factors that need to be taken account when making decisions and taking actions. The competing uses of water in the natural, social, and economic environment requires knowledge and expertise from across many different disciplines. The aim of this course will be to examine the varying aspects that constitute water resources management in island and non-island countries in the Caribbean region and the relationships between the technical, natural, social, economic and political environment, particularly those issues facing SIDS. The course places an emphasis on the economics of water and water resources as well as on legal and policy perspectives. Course material will cover: concepts of catchment/watershed management, integrated water resources management; national and international laws and institutional arrangements that impact on water management; economics; the political ecology of water; the impacts of water resources developments including land/marine interaction issues, decision support tools and development pressures.

ENVT 6236 – Hydro-meteorological Risks and Water Resource Management

This course aims to enable students to understand weather or climate and hydrological combinations that underpin water-related disaster. The course covers the relationships and interactions between the physical processes of weather or climate and the water cycle to create or exacerbate risks of undesirable hydrometeorological events, the nature of these events and how to assess, monitor and manage the risks in the context of water resources management. The impacts of climate change on hydrometeorological processes and risks of undesirable events are covered, as well as the human dimensions of risk amplification and/or attenuation in water resources management decisions.

ENVT 6238 - Surface and Groundwater Hydrology

This course introduces students to hydrological concepts and principles that underpin scientific and operational management of water resources. The course starts by providing a context for and implications of the varied hydrogeological characteristics for water resource endowment and management in Small Island Developing States in the Caribbean. The hydrologic cycle and associated processes that underpin water flows and storage above and below the ground are discussed. These include precipitation, infiltration, percolation, evaporation, and runoff. General guidance on measurement and analysis of the hydrologic components will be provided. A catchment approach is adopted to understand these processes, as well as the storage of water on the surface and below the ground. The utility of hydrological principles and analysis for water resources management will be discussed, complemented with hands-on activities. Case studies will be provided to help deepen understanding and the application of the knowledge gained through the course to relevant problems in the Caribbean and elsewhere.

LAND MANAGEMENT AND ENVIRONMENTAL RESILIENCE

Land and its ecosystems provide products and services that are fundamental to life and its quality. For this reason, the use and management of land resources are at the heart of sustainable human development and resilience. This stream aims to produce a cadre of professionals capable of integrating sector-specific requirements for resource management into a holistic, risk-sensitive land management approach that enhances environmental resilience and supports sustainable development goals. At the heart of this stream is the application of systems thinking and ecosystem approaches to address issues of environmental resilience and sustainable development. Graduates from this stream will be equipped to work with ministries, agencies, NGOs, and businesses with a focus in agriculture and food systems, disaster risk management, physical planning and land use management.

ENVT 6235 Soil and Water Conservation

This course aims to facilitate students' understanding of the importance of soil to human existence and development, and land management approaches to protect and secure soil and water. It covers the nature and properties of soil, land management approaches to enhance soil health and secure soils, land degradation processes and management, and concludes with the emerging concept of land degradation neutrality. The course will be delivered via a combination of lectures, discussions, demonstration, computer-based simulations and field work. It is targeted, primarily, at the MSc NAREM students in this specialization but also other professionals and students interested in understanding or analysing the relationships between food systems and environmental sustainability.

ENVT 6240 Land Use and Environmental Resilience

This course exposes students to the multi-scale and multi-dimensional interconnections between land use, resource sustainability and environmental resilience. The course focuses on analysis of how interactions between the human and natural environments generate disaster risks and how these risks can be mitigated or managed through the instrument of land use. Central to the course is the evaluation of land-use contexts (across varying spatio-temporal scales) in which environmental and natural resource management problems or disaster risks occur or can be addressed using both quantitative and qualitative approaches. Thus, issues are analysed from the functional and constituent perspectives in the nexus of land-use and resilience. In addition, students will gain advanced practical experience in GIS and remote sensing applications such as land-use/land cover mapping and analysis, and simulation of future land-use configurations to inform resilient development.

ENVT 6245 Biodiversity and Protected Area Management

This course exposes students to the principles and practices of sustainable management of biodiversity, protected areas and related ecosystem services. The imperatives of protected areas, core concepts of protected areas and effective management approaches for protected areas will be presented. Major international instruments and governance frameworks for biodiversity and protected area management will be studied. Students will be introduced to quantitative analysis of biodiversity and ecosystems in support of sound management and decision-making. In addition, students will learn the tools for evaluating management effectiveness.

ENVT 6250 Tools for Environmental and Food Systems Analysis

This course seeks to prepare professionals to serve the identified need in the environment-food security nexus. The course exposes students to the complex interactions between environment and agri-food systems that impact food security and human wellbeing, and the tools for analysing these interactions from local to global scales.

The course covers topics in systems thinking, food systems and food security analysis, agro-environmental management, resource use and flows in food systems, and advanced analytical tools and approaches in GIS and remote sensing. Students will be able to think critically and creatively, produce and effectively communicate knowledge products about food security and environmental sustainability. This course is targeted at MSc Natural Resource and Environmental Management students and anyone interested in acquiring theoretical understanding and analytical skills in the nexus of agri-food systems and environmental sustainability.

NON-SPECIALISATION OPTION

This non-specialisation option was developed to allow students to combine their interests in different fields and to expand opportunities for employment and further studies. It provides students with broader knowledge and skills requisite for the complex demands of natural resources and environmental management. This option aims to produce a cadre of professionals capable of applying interdisciplinary approaches to addressing natural resources and environmental management challenges.

Graduates from this non-specialisation will be able to work or continue working in various sectors of the economy, or with several development agencies in the areas of natural resources and environmental management. They will also be able to pursue further studies in several areas related to natural resources and environmental management.

RESEARCH PROJECT

ENVT 6900

The Research Project is to be undertaken immediately after the end of Semester II from July to October. Students are required to submit their research paper at the end of this period for examination. Research projects are typically supervised by CERMES faculty and must be in priority research areas relevant to the students' specialisation stream. External non-CERMES persons can also act as supervisors, but they must be qualified experts in the relevant research areas, and approval must be granted by CERMES with CERMES faculty overseeing the project as secondary supervisors.

Orientation Week

CERMES hosts a mandatory face-to-face Orientation for all new students to introduce them to our staff, the building and how everything works. During orientation, students will be expected to participate in activities and sessions that are geared to assist them while in the Programme.

Important Points to Note

CERMES Office Hours

Opening hours for the departmental office are Mondays to Fridays from 8:00 am to 4:00 pm.

Course Registration

Course registration is done online via the UWI website: www.cavehill.uwi.edu.

Assignments

When submitting work, please use your identification number. Unless specifically told otherwise, all written assignments must adhere to the CERMES Instructions to Authors typically available with your course rubric and other course guidance. Assignments should not be printed unless so instructed, and never in colour unless requested by lecturers. They should be submitted as electronic files via Moodle (UWI eLearning platform) or by email unless advised differently by the course lecturer. If printed (double-sided), they may need to be submitted during office hours to either the Administrative Assistant or the Secretary in the CERMES Main Office. CERMES encourages you to help reduce paper use and printing costs.

Penalties for Late Submission of Assignments

Penalties may be issued for late submission of assignments. Students will be granted a grace period of seven (7) days to submit their work. However, during those seven (7) days, marks will be lost, at the discretion of the lecturer. After the grace period, the student will be awarded a zero (failing) grade/mark, if the coursework has not been submitted for marking. Your late submissions affect the efficient grading of all assignments. This negatively impacts the entire class and causes unnecessary anxiety, especially as the courses are modular, often in quick succession.

Plagiarism

According to The University of the West Indies Regulations for Graduate Diplomas and Degrees “plagiarism is a form of cheating. Plagiarism is the unauthorized and unacknowledged use of another person’s intellectual efforts, ideas and creations under one’s own name howsoever recorded. Since any piece of work submitted by a student must be that student’s own work, all forms of cheating, including plagiarism, are forbidden.” [For more information on plagiarism and the penalties please read The University of the West Indies booklet on Regulations for Graduate Diplomas and Degrees \(page 25-26\).](#)

To avoid plagiarism, the University has created a Postgraduate account that will allow you to check your papers. Your student package from Graduate Studies should provide you with the credentials for this resource.

Laptops

It is a practical necessity for students to have their own laptops during the course of the programme, but it is not an academic requirement.

Cell phone usage

Cell phones are to be turned off during lectures. Distraction due to cell phones is a serious breach of the expected academic etiquette.

Field Trips

Appropriate wear is required for field trips as some of these may occur on land and others in the water. You will be advised accordingly.

Lab Sessions

Appropriate wear as suggested by lecturers is required in the labs. CERMES takes occupational health and safety seriously.

Photocopying & Scanning

Students are allowed to use the printer/scanner/copier in the CERMES Main Office to photocopy and scan documents and will be billed for all copies and scans made. They are asked to settle their accounts promptly with the departmental secretary. Photocopies can also be made in the main library after the purchase of a photocopy card.

Printing Paper

Students must provide their own paper for printing documents. However, paper may be purchased by the ream from the CERMES Main Office. The use of recycled paper is practiced within the department and students are encouraged to participate in this practice.

Notices

Students should check the notice boards on the relevant lecture room doors for academic messages. Students are also asked to check their email regularly since this medium is also used for the dissemination of CERMES information.

Recycling

The UWI implemented its Recycling Initiative in April 2009. Please participate in this worthwhile programme. Recycling bins have been placed in the CERMES building for the collection of plastic, metal, glass and paper recyclables. Please rinse all bottles before placing them in the bins. Used printer cartridges are also collected for recycling by a local company, Ink Link. Please deposit these in Maria Pena's mailbox. Scrap paper for printing and photocopying can be obtained from the office.

ID Cards

Kindly check with the Student Enrolment and Retention Unit (SERU) for your UWI identification cards.

Maintenance issues

Any maintenance problems should be reported to Dr. Jennifer Hurley, CERMES Administrative Assistant.

Contacts

Please leave your term address, email address and contact number(s) with the office. Immediate notice of any change of address or telephone number(s) is required. Students are required to give one week's notice when leaving the island (unless in cases of emergency).

Mailing Address

The mailing address for the CERMES is:

*CERMES
The University of the West Indies, Cave Hill Campus
Bridgetown, BB 11000, Barbados*

Students may use the CERMES address during their period of study, but they are asked to inform all correspondents of their forwarding address on leaving the Programme.

Contact information

*Tel: (246) 417-4316
Email: cermes@cavehill.uwi.edu
Website: <http://www.cavehill.uwi.edu/cermes/>*

Request for Transcripts

Transcripts are issued on request from the Student Affairs (Records) office. For more information on how to request a transcript, please visit the webpage:

<https://www.cavehill.uwi.edu/chol/examinations/request-transcript.aspx>

Security

Students can use their student ID cards to gain access to the building and the computer lab. On receipt of your ID card, please take it to the CERMES Main Office, so that they can request access be given to you. Please note that for your security and ours, under no circumstances should your ID card be loaned out. Please always keep the emergency door on the ground floor closed.

Campus security will escort students out of buildings and to vehicles after normal working hours. They may be contacted when required at 417-4003/4164.

Sidney Martin Library (Main Library)

Students are only permitted to use the main library on presentation of their UWI identification card. Opening hours are as follows:

Monday to Friday 9:00 a.m. to 11:00 p.m.
Saturday 9:00 a.m. to 5:00 p.m.

The library is closed on all public and University holidays. Students should also be reminded that use of cell phones is prohibited in the library.

Bookshop and Campus Mart

Newspapers, academic books, novels, magazines and stationery can be purchased from the UWI bookshop. There is also a limited supply of toiletries and confectionery available. Opening hours are Mondays to Fridays from 9:00 am to 5:00 pm. The Campus Mart is well stocked with basic food items and toiletries. It is located adjacent to the Sir Frank Worrell Halls of Residence. Opening hours are Mondays to Fridays from 9:00am to 10:00pm and Saturdays from 9:00am to 8:00pm.

Banking Services

For your convenience, an Automatic Teller Machine (ATM) is located on Campus outside the bookshop and in the lobby of the Leslie Robinson Building.

Accommodation

For information on Halls of Residence and Off Campus accommodation, please check the web link: <https://www.cavehill.uwi.edu/Accommodation/home.aspx>

Transportation

The University offers a supplementary Student Shuttle Service. To access the Shuttle Service, you must present a VALID UWI student identification card. Only students will be allowed to board the shuttle. Please visit the website of The Office of Student Services and Development to learn more about their current [routes and schedules](#).

Students can visit the CERMES Main Office for recommendations on taxi operators for your shuttling/taxi needs.

Important Telephone Numbers

External

Operator	0
Police Emergency	211
Fire Service	311
Ambulance Service	511
Directory Enquiries	411

To make an external call, dial 9 followed by the number.

Internal

General Campus Numbers

Campus Security (HQ)	4164
Campus Security (Lobby)	4003
Campus Security (Sherlock Hall)	4177
Student Services	4165
Student Health Clinic	4170/1

CERMES Numbers

BENSKIN, Dale	4313
CUMBERBATCH, Janice	4569
Director's Secretary	4317
PAYNE, Karl	4829
PENA, Maria	4727
SELLIAH, Neetha	4568
TAYLOR, Shakita	4339
Technician (Lab)	4567
YAWSON, David	4830
Main Office	4316
Students Project Room	4728
Water Quality Lab	4583
Fisheries Lab	4840

Campus Map



Location	MAP REF	Location	MAP REF	Location	MAP REF
CARICOM PARK		CLR James Centre for Cricket Research	2a	Marketing & Student Development (Ground Floor)	21
Campus Archives	35	Confucius Centre	28	Maintenance Dept. Administration	27b
Campus Office of Planning and Projects	35	Cultural Studies Department	20	Media Centre	38b
Caricom Research Building	37	Dept. of History & Philosophy	20	Mount Restaurant / Solutions Centre	7
Cave Hill School of Business	36	Dept. of Language, Linguistics & Literature	20	New Administration Building (The Golden Stool)	42
Lexicography Projects/Caribbean Law Institute	34	Dept. of Biological Sciences	18	Office of Deputy Principal (First Floor)	21
Office of Research (2nd Fl.)	37	Rooms : BL Down, BL Ext, BSR	18	Office of Humanities (First Floor)	21
Security Office	35	Dept. of Computer Science, Maths & Physics (CSMP)	17	Office of Student Services	15
Shridath Ramphal Centre for International Trade Law, Policy and Services	37	Dept. of Government, Sociology & Social Work	22a	Office of the Guild of Students (First Floor)	6
Sir Arthur Lewis Institute of Social and Economic Studies (SALISES)	37	Dept. of Management Studies	22c	Open Campus Centre	25
Tertiary Level Institutions Unit	34	Rooms : MSR1, MSR2, MSR3	15a	Outdoor / Indoor Cricket Nets	38
University Office of Planning and Development	37	E-Commerce Building / Earth Sciences Lab	15a	Physics Building - Rooms : Lab Up, Lab Down, SLT	16
UWI Credit Union	37	Errol Barrow Centre for the Creative Imagination (EBCCI)	39	Quality Assurance Office (Upstairs)	9a
MAIN CAMPUS		Evaluation Centre	9	Roy Marshall Teaching Complex	24
3Ws Oval Pavilion	1	Faculty of Humanities and Education	20	Rooms : TSR1, TSR, LR1, LR2, LR3, LR4, LT1, LT2, LT3	24
Academy of Sport	2	Rooms : A27, ALT, ASR1, ASR2, SOE Sem	20	Sagcor Centre for Lifelong Learning	27
Administration Building (The Golden Stool)	42	Faculty of Law - Rooms - LLT, Moot Court	26	Rooms : TSR7, TSR8, TSR9, TSR10, TSR11, TSR12, Computer Lab #6, LR12, LR13, LR14	27
Aquaculture Research Laboratory	13	Faculty of Medical Sciences Laboratory & Teaching Complex Rooms : MMS10, MMS9, MSS1, MSS4, MSS5, MSS6, MSS8, MSTL, MSTL	11	Sagcor/WICB High Performance Centre	2b
Arts Lecture Theatre (ALT)	20a	Faculty of Medical Sciences	21	School of Education	9
Bursary	42	Faculty of Social Sciences - Rooms : S6, S7, S8	22	SEED Project	15
Business Development Office (Ground Floor)	41	Faculty Offices, Economics, Govt & Social Work	22	Sherlock Hall Halls of Residence	3
Cafeteria Kiosk	41	Frank Worrell Halls of Residence	33	Solutions Centre / Mount Restaurant	7
Campus IT Services (CITS)	23	Frank Worrell Memorial	32	Staff Lounge	30
Campus Mart (Ground Floor of the CLICO Centre)	27a	Gazebo	40	Student Affairs - Admissions, Examinations, Records	42
Campus Pharmacy	6	Guard Hut Security	29	Student Health Clinic	6
Campus Records	9a	Hard Courts	38c	Students Lounge (Andrew Lewis Building)	4
CARDI	10	Henry Fraser Lecture Theatre	11	Students Union (Ground Floor)	6
Centre for Excellence in Teaching and Learning (CETL)	21	Hockley Turf	30a	University Bookshop	8
Centre for Resource Management & Environmental Studies (CERMES)	12	Indoor Cricket School / Indoor Cricket Nets	38	UWI Students Cafeteria	5
Chemical Sciences - Rooms : ML4, NCSR	14a	Institute of Gender and Development Studies : Nita Barrow Unit	22b	UWI HIV/AIDS Response Programme (UWIHARP)	6
Chemistry Building - Rooms : CSR, InorgLab, InorgChem, OrgLab, PhyCmlab	14	International Office (1st Floor)	21	Walk of Fame	31
CLICO Centre for Teaching Excellence	27a	Law Library	26a	PARADISE PARK	
Rooms : LR6, LR7, LRB, LR9, LR10, LR11, LT4	27a	Language Laboratory (1st Floor)	21	Usain Bolt Sports Complex	46
		Sidney Martin Library (Main Library)	19	Graduate Teaching Complex	43
				Keith Hunte Halls of Residence	45
				Maintenance Workshop	44



Prepared by the

Centre for Resource Management and Environmental Studies
(CERMES)

The Faculty of Science and Technology

The University of the West Indies (UWI), Cave Hill Campus

Barbados W.I.