

**jOiNEd For sUsTainability - bUilding climate
REsilient communities in WB and EU**

Introducing innovative curricula at Luarasi University



Date: 6th December, 2023

Place: Multimedia Room II-13, 2nd floor



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Executive summary

- At Luarasi University, we recognize the urgent need for a comprehensive response to the challenges posed by climate change and the imperative of sustainable development
- The 1Future project offers a roadmap that charts our path toward a greener and more sustainable future, ensuring our community's and the planet's well-being



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Key Focus Areas

- Curriculum Integration
 - Sustainability Courses: Develop and offer courses related to sustainability, climate change, renewable energy, and environmental conservation across various disciplines



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Bachelor's in Information Technology and Innovation new courses

INFORMATION TECHNOLOGY

1. **Digital Innovation for Sustainability:** Explores how emerging technologies like IoT, AI, and blockchain can be used to address sustainability challenges, such as smart energy grids and supply chain transparency.
2. **Innovation and Sustainable Business Models:** Explores how companies can innovate their business models to align with sustainability goals, including circular economy principles and sustainable value creation.



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Business Administration



Bachelor in Business Administration new courses:

- 1. Sustainable Leadership and Ethics:** Discuss business leaders' ethical responsibilities in addressing climate change and sustainability issues, emphasizing ethical decision-making in a corporate context.
- 2. Corporate Social Responsibility (CSR):** Examines the concept of CSR and its practical implementation in businesses. Topics include stakeholder engagement, sustainability reporting, and the role of businesses in addressing social and environmental issues.



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Bachelor in Finance-Banking new courses

- 1. Financial Technology (FinTech) for Sustainability:** Explores how FinTech innovations, such as blockchain and AI, can be applied to sustainability challenges, including supply chain transparency, carbon credit trading, and green finance.
- 2. Climate Change Risk Assessment in Banking:** Focuses on assessing the financial risks associated with climate change, including physical risks (e.g., extreme weather events) and transition risks (e.g., policy and technology shifts).



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Master of Science in Information Technology and Innovation:

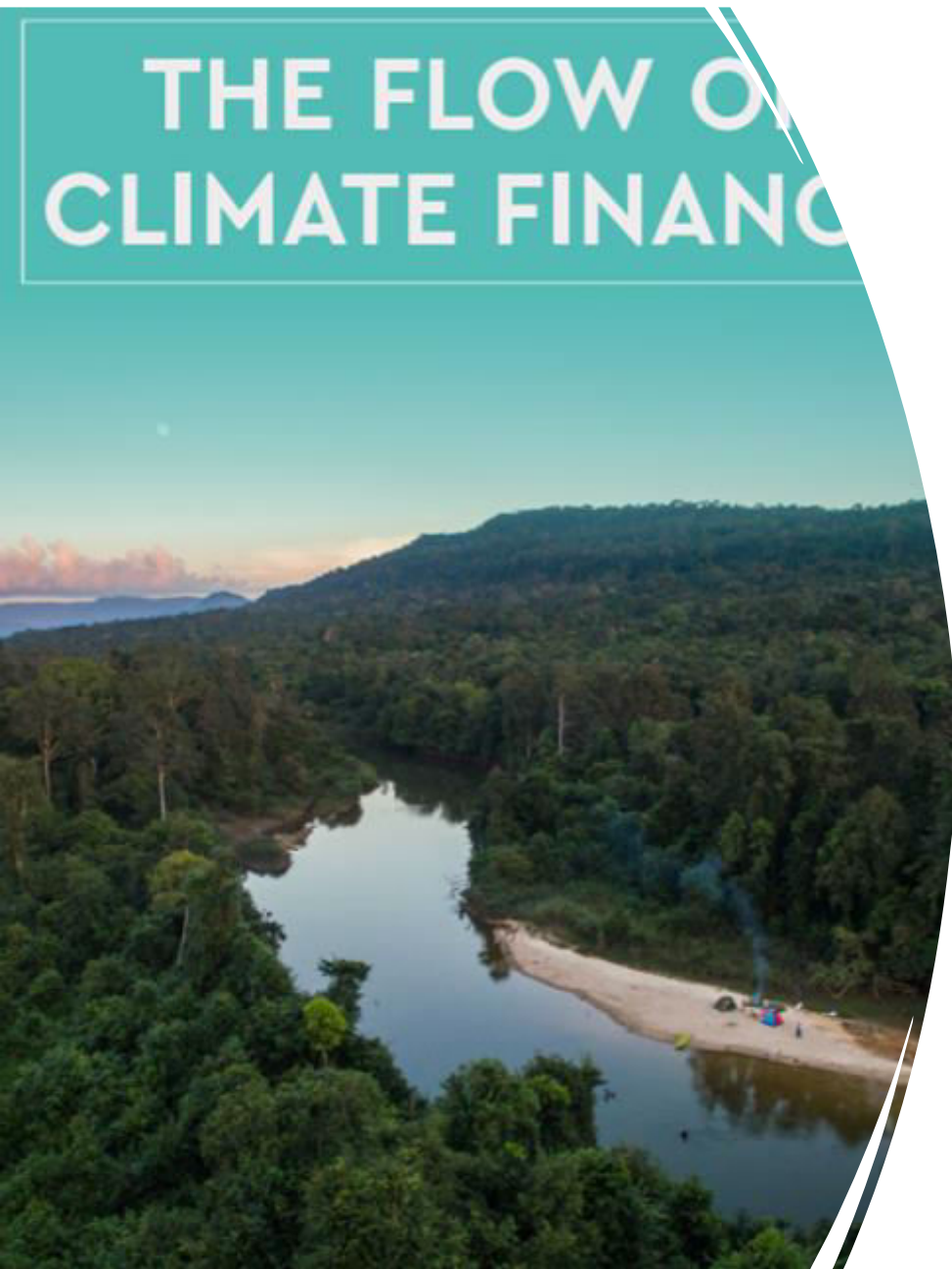
1. **Digital Sustainability Reporting:** Teaches students how to leverage IT solutions to streamline and enhance sustainability reporting processes, incorporating data analytics and visualization.



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THE FLOW OF CLIMATE FINANCING



Master of Science in Banks and Financial Markets:

1. **Climate Finance and Investment:** Analyzes the role of banks and financial institutions in financing climate-resilient projects and green investments, including sustainable lending practices and green bonds.





Master of Science in Executive Management:

- 1. Environmental, Social, and Governance (ESG) Integration:** Examines the integration of ESG factors into corporate decision-making, investment strategies, and risk management.



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Actual courses to be changed and adopted with climate change topics

Administrative Law:

- Environmental Regulatory Frameworks: Study of environmental laws, regulations, and administrative procedures governing sustainability, resource management, and climate action.
- Environmental Impact Assessments: Analyzing the role of administrative law in conducting environmental impact assessments for projects with environmental and climate implications.
- Climate Change Policy and Administrative Responses: Examining how administrative agencies respond to climate change challenges through policy formulation, enforcement, and compliance.

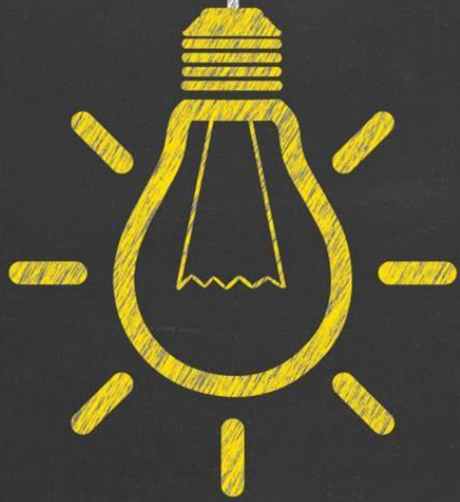




Actual courses to be changed and adopted with climate change topics

Innovation Management:

- Sustainable Innovation Strategies: Exploring methods for integrating sustainability principles into innovation processes, product design, and research and development.
- Eco-design and Green Innovation: Focusing on design principles that minimize environmental impact and promote sustainable product and service innovation.
- Innovative Energy Solutions: Investigating cutting-edge energy innovations, including renewable technologies and sustainable energy management practices.





Actual courses to be changed and adopted with climate change topics

Sociology:

- **Environmental Sociology:** Studying the societal dimensions of environmental issues, including the social impacts of climate change, environmental justice, and community responses to sustainability challenges.
- **Climate Change and Social Movements:** Analyzing the role of social movements, activism, and advocacy in addressing climate change and promoting sustainability.
- **Sustainable Communities:** Exploring the concept of sustainable communities, sustainable urbanization, and the social dynamics of sustainable development.

International Business:

- **Global Climate Agreements and Business:** Examining international climate agreements (e.g., Paris Agreement) and their impact on global business strategies and operations.
- **Carbon Pricing and Trade:** Investigating the relationship between carbon pricing mechanisms, carbon markets, and international trade, including the implications for businesses.
- **Sustainable Supply Chain Management in a Global Context:** Analyzing how international businesses can promote sustainability throughout their global supply chains.



Actual courses to be changed and adopted with climate change topics



Public Finance:

- **Green Fiscal Policies:** Discuss how governments can use fiscal policies, incentives, and taxation to promote sustainability, green technologies, and climate resilience.
- **Climate Finance and Public Investment:** Examining government budgets, public spending, and investment in climate adaptation and mitigation projects.
- **Economic Impacts of Climate Change:** Analyzing the economic consequences of climate change, including the costs of inaction and the benefits of climate-resilient policies.

Creativity and Designing for Innovation:

- **Design Thinking for Sustainability:** Integrating design thinking principles into sustainability and climate change problem-solving, emphasizing user-centered solutions.
- **Sustainable Product Design:** Focusing on the design of eco-friendly products and services, considering factors like material choice, recyclability, and energy efficiency.
- **Circular Design Principles:** Exploring circular economy design principles, including cradle-to-cradle design and product life extension.



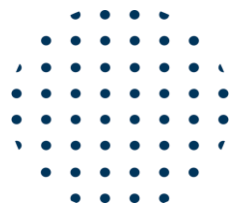


A proposed new Professional Master's Program: "Sustainability Management and Policy Integration"

- **Interdisciplinary Expertise:** Combines legal, economic, technological, and medical perspectives to address sustainability comprehensively
- **Flexibility for Working Professionals:** Offers part-time, evening, or weekend classes to accommodate professionals' schedules
- **Applied Learning:** Emphasizes practical application through case studies, consultancy projects, and industry partnerships
- **Networking Opportunities:** Connects professionals with peers, alumni, and industry experts through networking events and conferences



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A proposed new Professional Master's Program: "Sustainability Management and Policy Integration"

Core Themes:

- **Sustainability Strategy and Leadership:**
 - Developing sustainable business strategies and effective leadership skills for sustainability initiatives.
 - Integrating sustainability principles into corporate culture and operations.
- **Legal Frameworks for Sustainability:**
 - Analyzing environmental laws, regulations, and ethical considerations in sustainability management.
 - Ensuring legal compliance and ethical practices within sustainable organizations.
- **Economic Analysis of Sustainability:**
 - Evaluating the economic aspects of sustainability, including cost-benefit analysis, sustainable finance, and sustainable business models.
 - Assessing the economic impact of sustainability policies and initiatives.
- **Innovation for Sustainable Practices:**
 - Leveraging innovation management techniques to drive sustainable product development, green technology adoption, and circular economy principles.
 - Using information technology to enhance sustainability practices.
- **Public Policy and Sustainability Governance:**
 - Examining public policies, international agreements, and governance structures related to sustainability and climate change.
 - Advocating for sustainability policy changes and understanding their implications for various industries.





A proposed new Professional Master's Program: "Sustainability Management and Policy Integration"

Course Examples:

- Corporate Sustainability and Ethics: Addresses ethical considerations, stakeholder engagement, and sustainable supply chain management in the corporate context.
- Environmental Law and Corporate Compliance: Focuses on environmental regulations, corporate compliance strategies, and sustainability reporting.
- Sustainable Finance and Investment Management: Explores sustainable finance practices, green investment, and impact investing in professional contexts.
- Innovation for Sustainable Business Solutions: Applies innovation management principles to real-world sustainability challenges.
- Sustainability Policy Advocacy: Provides skills and strategies for professionals to engage in sustainability policy advocacy and navigate regulatory changes.



Program Benefits:

- Professional Development: Designed for mid-career professionals seeking to enhance their skills and advance their careers in sustainability management, policy, and leadership.
- Interdisciplinary Expertise: Combines legal, economic, technological, and medical perspectives to address sustainability comprehensively.
- Flexibility for Working Professionals: Offers part-time, evening, or weekend classes to accommodate professionals' schedules.
- Applied Learning: Emphasizes practical application through case studies, consultancy projects, and industry partnerships.
- Networking Opportunities: Connects professionals with peers, alumni, and industry experts through networking events and conferences.





Professional Master's Program: "Sustainability Management and Policy Integration"

- Research Initiatives: Encourage faculty and students to engage in sustainability-focused research projects and offer funding and resources for such endeavors
 - Campus Transportation
 - Promote Sustainable Transportation: Encourage biking, walking, carpooling, and public transportation for commuting to reduce the carbon footprint associated with transportation
 - Launch an informational campaign to raise awareness about the environmental benefits of sustainable transportation
 - Sustainability Governance
 - Knowledge Hub for Climate Change and Sustainability: Establish the dedicated Knowledge Hub for Climate Change and Sustainability to oversee sustainability initiatives, track progress, and report to stakeholders



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Professional Master's Program: "Sustainability Management and Policy Integration"

- Research Initiatives: Encourage faculty and students to engage in sustainability-focused research projects and offer funding and resources for such endeavors
 - Regular Reporting: Publish an annual sustainability report to communicate achievements and areas for improvement
 - Student Involvement
- Student Organizations
- Internship and Volunteer Opportunities
 - Green Events and Conferences
 - Host Sustainable Events: Implement eco-friendly practices for conferences, workshops, and other campus events
 - Long-Term Planning: - Incorporate sustainability in the Luarasi Sustainability and Climate Change Strategic Plan
 - Continuous improvement: - Continuously assess the effectiveness of sustainability initiatives and adapt strategies as needed



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Action Plan

- Develop and Offer Sustainability Courses
 - By December 2023: Identify faculty members with expertise in sustainability-related fields
 - By March 2024: Collaborate with faculty to create new sustainability courses
 - By June 2024: Develop course outlines, objectives, and materials
 - By July 2025: Seek approval from relevant academic committees
 - Starting September 2024: Assign faculty to teach these courses



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Action Plan

- Integrate Sustainability Topics
 - By September 2023: Identify existing courses suitable for sustainability topic integration
 - By March 2024: Provide faculty with resources and materials
 - Starting October 2024: Encourage the use of sustainability examples in coursework
 - Ongoing: Monitor syllabuses and content for sustainability coverage
- Monitor Progress
 - By September 2024: Establish a sustainability curriculum oversight committee
 - Annually: Review and update course offerings and content
 - Ongoing: Collect student feedback on sustainability courses





Action Plan

- Promote Interdisciplinary Programs
 - By June 2025: Develop interdisciplinary programs with faculty involvement
 - By September 2025: Create joint courses or research projects
 - Starting September 2025: Offer incentives for student participation
- Establishment and Operations
 - By September 2024: Approval for the foundation of the Knowledge Hub
 - By October 2024: Staff the Hub with knowledgeable personnel
 - By December 2024: Launch a user-friendly Hub website



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Action Plan

- Monitoring and Reporting
 - Ongoing: Centralize data collection and reporting on sustainability initiatives
 - Annually: Publish updates and reports on the Hub's website
 - Ongoing: Make Hub resources available for student research
- Report Creation
 - By September 2024: Form a sustainability reporting team
 - By December 2024: Develop a structured annual sustainability report format
 - Ongoing: Compile sustainability data





Action Plan

- Publication and Dissemination
 - By March 2025: Publish the annual sustainability report on the university website
 - Annually: Share the report with stakeholders
 - Ongoing: Consider creating a summary version of the report
- Support for Sustainability Club
 - By December 2024: Provide the Sustainability Club space and resources
 - Starting January 2025: Encourage regular meetings and events
 - Ongoing: Collaborate with the club on sustainability initiatives



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Action Plan

- Internship and Volunteer Opportunities
 - By March 2025: Establish partnerships for internships and volunteer opportunities
 - By June 2025: Publicize opportunities to students
 - Starting September 2025: Offer academic credit for eligible internships
- Recognition and Awards
 - By September 2025: Create an awards program for student recognition
 - By December 2025: Highlight student achievements in publications and social media
 - Annually: Organize recognition events for student sustainability leaders



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Action Plan

- Eco-Friendly Practices
- By March 2025: Develop eco-friendly event guidelines
- By June 2025: Provide event organizers with sustainability checklists
- Starting September 2025: Monitor event compliance with guidelines
- Collaborate with Sustainable Caterers
- By June 2025: Identify catering partners prioritizing sustainability
- By September 2025: Request detailed catering information
- Starting January 2026: Collaborate with chosen caterers for sustainable menu



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Thank you for your attention

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