



# National University of Vanuatu

## Job Description and Specification



<b>Job Title</b>	Lecturer in Sciences
<b>Reporting To</b>	Head of School of Science
<b>Job Purpose</b>	To deliver high-quality instruction in the integrated sciences, covering not only environmental science topics such as, ecology, basic science, climate change but also management and data analysis to promote scientific literacy and a systems-thinking approach to problem-solving at NUV. The purpose of this role is to enhance students' analytical and research skills, preparing them not only for academic pursuits but also for professional success by embedding practical project management methodologies within the curriculum.
<b>Position Summary</b>	NUV is seeking to recruit a competent and motivated lecturer to teach environmental and integrated sciences on its main campus, and possibly on other campuses. The lecturer will be responsible for delivering interdisciplinary instruction covering topics such as biology, climate change, program development, and sustainable project management. Key responsibilities include designing syllabi, developing curriculum, creating and evaluating assessments, and supporting students throughout their academic journey. The role also includes a focus on integrating practical project management skills into the curriculum and engaging in relevant professional development and research.
<b>Key Responsibilities – Detailed Listing</b>	<ul style="list-style-type: none"><li>• <b>Teaching:</b> Design and deliver effective and engaging courses in environmental and integrated sciences, utilizing innovative methodologies, field-based learning, and modern technologies. Conduct lectures Online/Blended mode and Face to face (English or French), organise seminars, workshops, and practical labs to build foundational scientific knowledge and analytical skills. Foster a supportive and inquiry-based learning environment that encourages active participation, critical thinking, and collaboration on complex environmental issues.</li><li>• <b>Curriculum Development:</b> Contribute to the development and enhancement of the environmental and integrated sciences curricula, ensuring alignment with current scientific understanding, industry needs, and sustainability goals. Integrate case studies, data analysis, and real-world environmental challenges to build practical problem-solving skills. A key focus will be embedding project management principles into scientific coursework to ensure students are prepared for professional roles.</li><li>• <b>Assesment:</b> Design and administer a variety of assessments to evaluate students' understanding of scientific concepts, their analytical capabilities, and their ability to apply knowledge. This includes lab reports, research projects, data analysis assignments, presentations, and examinations. Provide timely and constructive feedback to support student progress and scientific inquiry. Contribute to the development of robust assessment standards for science programs at NUV.</li></ul>

- **Academic & Research Support:** Mentor and guide students throughout their scientific learning journey, offering academic advice, monitoring progress, and providing strategies for effective research and study. Supervise student research projects, guiding them from proposal to final report. Support the development of critical thinking and data literacy skills through discussions, lab work, and project-based assignments.
- **Practical Skills & Fieldwork Coordination:** Develop and oversee practical learning components, including laboratory sessions, fieldwork, and site visits, ensuring compliance with safety standards and procedures. Design and deliver training modules that equip students with essential skills in data collection, environmental monitoring, and the use of scientific instrumentation.
- **Professional Development:** Engage in continuous professional development by attending relevant scientific workshops, seminars, and conferences. Stay updated on major developments in environmental science, climate change research, sustainability practices, and educational technologies to enhance instructional effectiveness and curriculum relevance.
- **Collaboration:** Collaborate with colleagues within the science department and across other faculties to foster interdisciplinary learning. Contribute to university-wide initiatives related to sustainability and environmental stewardship. Participate in faculty meetings, share best practices, and engage in cross-departmental projects to enrich the academic environment. Participate in organizing science-related events, workshops, and outreach activities to enhance students' engagement with the field.

### Critical Competencies

- Work in a professional manner, with occupational knowledge, integrity, accountability and adaptability.
- Strive for excellence, with communication, inclusiveness and teamwork
- Contribute to the NUV, with innovation, leadership and quality focus  
Display proven experience and ability to work as a member of a Team

### Qualifications

- A master's degree in environmental science, Climate Science, Education, or a related scientific field is required.  
  
**Additional qualifications in the following areas are strongly preferred:**
  - **Law:** A Postgraduate certificate or diploma in Scientific/Environmental law
  - **Management:** A Master's in Program and Project Development and Management to support the delivery of applied management skills within the curriculum.
- Demonstrated teaching experience in a relevant science field at the undergraduate and/or postgraduate level.

	<ul style="list-style-type: none"> <li>• Strong knowledge of scientific pedagogy, inquiry-based learning, and strategies for assessing both theoretical knowledge and practical skills.</li> <li>• Familiarity with technology-enabled science education and learning management systems (LMS like Moodle).</li> <li>• Commitment to promoting a safe, inclusive, and collaborative learning environment.</li> <li>• Excellent interpersonal skills and the ability to collaborate effectively with students, colleagues, and external stakeholders.</li> </ul>
<b>Preferential Special Skills</b>	<ul style="list-style-type: none"> <li>• In-depth theoretical, research, and professional applied knowledge of the key areas covered in the curriculum (e.g., climate science, climate change, biology, ecology, biotechnology, sustainable development).</li> <li>• Demonstrated experience in <b>management, finance, or data analysis</b> as well as Management in Education.</li> <li>• Cultural and ecological understanding of <b>Pacific Small Island Developing States (PSIDS), particularly, Vanuatu</b>, including local environmental challenges and conservation efforts.</li> <li>• Expertise in using ICT in Teaching.</li> <li>• A <b>Post-Graduate Certificate in Higher Education, Teaching &amp; Learning</b> (or equivalent pedagogical qualification).</li> <li>• Excellent written and verbal communication skills, with a proven ability to make complex scientific topics accessible and engaging.</li> <li>• Experience in developing courses and assessment tools <b>for Specific Purposes</b> (e.g., science for policy-makers, environmental impact assessment, corporate sustainability).</li> <li>• Bilingual (English and French) with an understanding of Bislama</li> <li>• An understanding of AI Tools in Science</li> </ul> <p>An overall understanding of climate resilience in the context of Vanuatu</p>
<b>Required Experience</b>	<ul style="list-style-type: none"> <li>• A minimum of 10 years working experience in Education</li> <li>• Teaching experience at the university level preferred</li> <li>• Professional experience in the course area preferred</li> <li>• Curriculum development experience preferred</li> </ul>
<b>Language</b>	<p>Fluency in English and French is a plus. The knowledge of Bislama is an advantage</p>
<b>Terms and Conditions of Employment</b>	<p>Annual salary: 5M-6M VT based on experience and qualification + 25% Benefit.  Three-year full-time local contract, with the possibility of performance-based renewal after 3 years</p> <p>The National University of Vanuatu is an Affirmative Action/Equal Opportunity employer committed to diversity. All employment decisions in the NUV shall be based on merit and on equal opportunity. The NUV is committed to ensuring fair, equal, and impartial treatment of all employees in all aspects of employment. The</p>

	NUV is also committed to gender balance in employment and to providing employment opportunities for people with special needs. In carrying out its employment decisions, NUV will not discriminate basis of gender, religion, nationality, race, language or disability.
<b>Contact Person</b>	Potential candidates with specific questions are invited to contact the Hiring Committee Secretariat at <a href="mailto:apply@univ.edu.vu">apply@univ.edu.vu</a>
<b>Selection Methods</b>	Please send your cover letter and CV with 2 references from past/recent employment including recent contact details and evidence of your highest qualifications to the following address: <a href="mailto:apply@univ.edu.vu">apply@univ.edu.vu</a>