



Industrial Year Science Student Placement 2024 - 2025



Mae fersiwn Gymraeg o'r ddogfen yma ar gael

National Botanic Garden of Wales



The National Botanic Garden of Wales is dedicated to the research and conservation of biodiversity, sustainability, lifelong learning and the enjoyment of our visitors. The Garden is set in the beautiful Carmarthenshire countryside with formal gardens along with the 150-hectare Waun Las National Nature Reserve, managed as an organic farm. Our science centre overlooks the Botanic Garden and contains a fully equipped molecular lab, library and herbarium.

What is involved?

During the placement, based in the Science Department, you will work to contribute to our research aims. Your main responsibilities will include:

- Undertaking a research project (around 50% of your time) that contributes to our current research outputs, including the conservation genetics of rare Welsh plants and [digitising](#) the herbarium collections.
- **Seed collecting and processing**
You will work to collect, sort, and clean seed samples, contributing to the [National Seed Bank of Wales](#) collections.
- **Public engagement**
You will have the opportunity to develop your communication and education skills by being involved in internal and external events that promote the research of the department, and giving talks to visiting groups.

There is one placement available for students registered at a UK University. There is a bursary of £3000 for the year. Free onsite accommodation is available, depending on the successful placement student's circumstances. The placement is expected to start July/August 2024 and last for 12 months.

For further information: Please contact Laura Jones (laura.jones@gardenofwales.org.uk). Also, visit our website at botanicgarden.wales.

Applications, in the form of a cover letter and CV, clearly showing how you meet the criteria below should be sent to laura.jones@gardenofwales.org.uk by 5pm on 12th February 2024. We will also require full contact details (including email and telephone details) of TWO referees willing to provide a reference for your application. Selection from amongst the applicants is competitive and offers of interview will be limited.

Shortlisting will begin the week of the 12th of February with interviews arranged shortly after this. Interviews will be completed via Zoom.



Person Specification

- Specified below are the criteria considered necessary to fulfil the role.
- This information is made openly available to applicants and will form the basis for the recruitment and selection process.
- Only those applicants who meet these criteria adequately will be considered.

Criteria and evidence candidates are expected to evidence:

Education/Qualifications Knowledge/Experience Competencies/Abilities	Application	Interview
Essential Criteria		
Student in a UK university	✓	
Academic performance and examination scores (achieved to date and predicted)	✓	
Evidence of aptitude, interest, and capability for conducting research and public engagement in the area of conservation science including (but not limited to): <ul style="list-style-type: none"> a. Overall demonstration of academic potential b. Good practical skills in field biology or evidence of the capacity to develop these c. Clear IT, analytical, problem solving and reasoning ability d. The ability to work effectively both independently and as part of a team e. Enthusiasm, personal initiative, self-motivation, and good time-management 	✓	✓
Evidence of work experience (can be in any area, paid or voluntary) that demonstrates an understanding of the world of work and the life skills that this requires.	✓	✓
A passion and commitment to help take forward the mission of the National Botanic Garden of Wales.	✓	✓
An understanding of Health & Safety, and Environmental practices and procedures to facilitate a safe working environment.	✓	✓

