



Electrical Engineering Intern

Sydney Water | Major Projects | Bondi & Parramatta (Hybrid)

About Sydney Water

Sydney Water provides essential water, wastewater, and recycled water services to more than five million people across Greater Sydney. Our work protects public health, supports communities, and safeguards the environment.

Our **Major Projects team** delivers some of the most complex infrastructure programs in Australia, shaping the future of Sydney through sustainable, resilient, and high-performing water systems.

About the Bondi Reliability Program

The **Bondi Reliability Program** is one of Sydney Water's most significant and technically complex programs.

The Bondi system is Sydney's oldest wastewater network, serving over 780,000 people across the CBD, inner west, and eastern suburbs.

This program is focused on improving the **reliability, resilience, and long-term performance** of critical infrastructure, ensuring it continues to serve a growing population while protecting Sydney's iconic coastline and environment.

About the Role

We are seeking a motivated **Electrical Engineering student** to join our Major Projects team for a **24-week internship**.

This is a unique opportunity to experience work at the intersection of **operations, engineering design, and project delivery**, supporting real project outcomes on a live, high-profile program.

What You'll Be Doing

You will work closely with Project team, operations teams, and designers to:

Support Technical Integration

- Engage with **Bondi WWTP operations teams** to understand plant needs and constraints
- Help translate operational requirements into **clear engineering inputs for design**

Assist Program & Project Coordination

- Support development of **program maps** showing project locations, corridors, and interfaces
- Assist in identifying and tracking **interfaces and interdependencies**

Support Design & Scope Development

- Assist in reviewing design deliverables to ensure alignment with:
 - Sydney Water requirements
 - Project scope and intent
- Support development of **clear and complete scope of works**

Stakeholder Coordination

- Assist in coordinating **technical reviews across Sydney Water teams**
- Engage with multidisciplinary stakeholders including operations, engineers, and delivery teams

Risk & Business Case Support

- Support implementation of **technical risk management processes**
- Assist in coordinating inputs into the **business case and decision-making processes**

Technical Documentation

- Assist in preparing **technical memoranda and project documentation** to support key decisions

What You'll Gain

This role offers rare exposure to:

- How **major infrastructure projects (\$100M+)** are developed and delivered
- Real-world application of **electrical engineering in complex systems**
- Working across **operations, design, and delivery environments**
- Mentorship from experienced engineers and project leaders

About You

- Currently studying **Electrical Engineering** (penultimate or final year preferred)
- Strong **communication and stakeholder engagement skills**
- Curious, proactive, and eager to learn
- Solid **technical foundation** with an interest in infrastructure and systems

Location

- Minimum:
 - **1 day/week at Bondi WWTP (site)**
 - **1 day/week at Parramatta office**

Why This Role is Unique

The **Bondi Wastewater Treatment Plant (WRRF)** is a highly complex facility, combining above-ground and deep underground infrastructure within a constrained urban environment.

This program is not just about design, it's about:

- Working within a **live operating plant**
- Solving **real, system-level challenges**
- Delivering outcomes that directly impact **millions of people and the environment**

For an intern, this is a rare opportunity to:

- Contribute to meaningful work
- Learn from experienced leaders
- Build capability across technical, operational, and project domains

Apply Now

If you're passionate about engineering, sustainability, and making a real impact, we'd love to hear from you.