

# ENGR 9003 HIGHER DEGREE RESEARCH THESIS - ENGINEERING (ENVIRONMENTAL)

---

**Credit Points** 10,20

**Legacy Code** 800061

**Coordinator** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

**School** Eng, Design & Built Env

**Discipline** Environmental Engineering

**Student Contribution Band** HECS Band 2 10cp

**Level** PhD and Research Masters Level 9 subject

Teaching Periods

## Research Quarter 1 (2022)

### Penrith (Kingswood)

#### Day

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR9003\\_22-RQ1\\_KW\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR9003_22-RQ1_KW_D#subjects))

### Parramatta - Victoria Rd

#### Day

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR9003\\_22-RQ1\\_PS\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR9003_22-RQ1_PS_D#subjects))

## Research Quarter 2 (2022)

### Campbelltown

#### Day

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR9003\\_22-RQ2\\_CA\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR9003_22-RQ2_CA_D#subjects))

### Penrith (Kingswood)

#### Day

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR9003\\_22-RQ2\\_KW\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR9003_22-RQ2_KW_D#subjects))

### Parramatta - Victoria Rd

#### Day

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR9003\\_22-RQ2\\_PS\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR9003_22-RQ2_PS_D#subjects))

## Research Quarter 3 (2022)

### Campbelltown

#### Day

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR9003\\_22-RQ3\\_CA\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR9003_22-RQ3_CA_D#subjects))

### Penrith (Kingswood)

#### Day

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR9003\\_22-RQ3\\_KW\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR9003_22-RQ3_KW_D#subjects))

### Parramatta - Victoria Rd

#### Day

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR9003\\_22-RQ3\\_PS\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR9003_22-RQ3_PS_D#subjects))

## Research Quarter 4 (2022)

### Campbelltown

#### Day

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR9003\\_22-RQ4\\_CA\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR9003_22-RQ4_CA_D#subjects))

### Penrith (Kingswood)

#### Day

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR9003\\_22-RQ4\\_KW\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR9003_22-RQ4_KW_D#subjects))

### Parramatta - Victoria Rd

#### Day

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR9003\\_22-RQ4\\_PS\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR9003_22-RQ4_PS_D#subjects))

## Research Quarter 1 (2023)

### Campbelltown

#### On-site

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=ENGR9003\\_23-RQ1\\_CA\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ENGR9003_23-RQ1_CA_1#subjects))

### Penrith (Kingswood)

#### On-site

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=ENGR9003\\_23-RQ1\\_KW\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ENGR9003_23-RQ1_KW_1#subjects))

## **Parramatta - Victoria Rd**

### **On-site**

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=ENGR9003\\_23-RQ1\\_PS\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ENGR9003_23-RQ1_PS_1#subjects))

## **Research Quarter 2 (2023)**

### **Campbelltown**

#### **On-site**

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=ENGR9003\\_23-RQ2\\_CA\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ENGR9003_23-RQ2_CA_1#subjects))

### **Penrith (Kingswood)**

#### **On-site**

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=ENGR9003\\_23-RQ2\\_KW\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ENGR9003_23-RQ2_KW_1#subjects))

## **Parramatta - Victoria Rd**

### **On-site**

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=ENGR9003\\_23-RQ2\\_PS\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ENGR9003_23-RQ2_PS_1#subjects))

## **Research Quarter 3 (2023)**

### **Campbelltown**

#### **On-site**

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=ENGR9003\\_23-RQ3\\_CA\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ENGR9003_23-RQ3_CA_1#subjects))

### **Penrith (Kingswood)**

#### **On-site**

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=ENGR9003\\_23-RQ3\\_KW\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ENGR9003_23-RQ3_KW_1#subjects))

## **Parramatta - Victoria Rd**

### **On-site**

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=ENGR9003\\_23-RQ3\\_PS\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ENGR9003_23-RQ3_PS_1#subjects))

## **Research Quarter 4 (2023)**

### **Campbelltown**

#### **On-site**

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=ENGR9003\\_23-RQ4\\_CA\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ENGR9003_23-RQ4_CA_1#subjects))

### **Penrith (Kingswood)**

#### **On-site**

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=ENGR9003\\_23-RQ4\\_KW\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ENGR9003_23-RQ4_KW_1#subjects))

## **Parramatta - Victoria Rd**

### **On-site**

**Subject Contact** Alex Norman ([https://directory.westernsydney.edu.au/search/name/Alex Norman/](https://directory.westernsydney.edu.au/search/name/Alex%20Norman/))

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=ENGR9003\\_23-RQ4\\_PS\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ENGR9003_23-RQ4_PS_1#subjects))