UNSW
SYDNEY

# Grad Dip - Engineering Science - 5373 - Robotics - MTRNGS - T3
# 2026 Start

**Program:** Engineering Science [5373]

## Year 1 Term 3

| Course or Activity | Prerequisites | Credits |
|---|---|---|
| COMP9021 Principles of Programming | | 6 |
| ENGG1300 Engineering Mechanics | | 6 |
| MTRN3500 Computing Applications in Mechatronics Systems | | 6 |

## Year 2 Term 1

| Course or Activity | Prerequisites | Credits |
|---|---|---|
| ENGG2400 Mechanics of Solids 1 | ENGG1300 | 6 |
| MMAN3200 Linear Systems and Control | | 6 |
| MTRN4010 Advanced Autonomous Systems | MMAN3200 | 6 |

## Year 2 Term 2

| Course or Activity | Prerequisites | Credits |
|---|---|---|
| MTRN3100 Robot Design | MMAN3200 | 6 |
| MTRN4230 Robotics | MMAN3200 | 6 |

## Year 2 Term 3

| Course or Activity | Prerequisites | Credits |
|---|---|---|
| *Advanced Disciplinary Knowledge & Disciplinary Knowledge Electives* | | 6 |
| *ELEC9731 or ELEC9732 or MTRN9400* | | 6 |

## Year 3 Term 1

| Course or Activity | Prerequisites | Credits |
|---|---|---|
| *ELEC9731 or ELEC9732 or MTRN9400* | | 6 |
| *Advanced Disciplinary Knowledge & Disciplinary Knowledge Electives* | | 6 |