



# School of Civil and Environmental Engineering

Term3, 2021

## CVEN4504 ADVANCED WATER AND WASTEWATER TREATMENT

### COURSE DETAILS

|                                 |  |        |
|---------------------------------|--|--------|
| Units of Credit                 | 6  |        |
| Contact hours                   | 4 hours per week                           |        |
| Class                           | Mon 4:00PM - 6:00PM                        | Online |
|                                 | Fri 11:00AM - 1:00PM                       | Online |
| Course Coordinator and Lecturer | Prof. T. David Waite                       |        |
|                                 | Email: d.waite@unsw.edu.au                 |        |
|                                 | Office: Room 114 (H22 – Vallentine Annexe) |        |
|                                 | Phone: 9385 5060 (via Teams)               |        |
| Course Coordinator and Lecturer | Dr. A. Ninh Pham                           |        |
|                                 | Email: anninh.pham@unsw.edu.au             |        |
|                                 | Office: Room 108 (H22 – Vallentine Annexe) |        |
|                                 | Phone: 9385 5102 (via Teams)               |        |

### INFORMATION ABOUT THE COURSE

Prerequisites: CVEN3502

The course discusses both the fundamental concepts and practical aspects involved in the design of various conventional and advanced treatment unit processes to meet specified water quality standards with emphasis on removal of non-traditional and emerging contaminants.

### HANDBOOK DESCRIPTION

See link to virtual handbook -

<https://www.handbook.unsw.edu.au/undergraduate/courses/2021/CVEN4504>

### OBJECTIVES

To provide a comprehensive understanding of the fundamental concepts and design principles in both conventional and

The approaches to learning are:

COURSE PROGRAM

TRIMESTER 3 2021

Date

Topic

Lecture Content

Lecturer

08/11/2021  
(Week 9)







Appendix A: Engineers Australia (EA) Competencies  
*Stage 1 Competencies for*