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| N° ECUE | XA4S813 | | | | | | | | |
| Title | Water treatment plants | | | | | | | | |
| ECTS |  | Lecture(h)  CM 28.5 |  | Tutorials (h)  TD 9 |  | Pratical works (h) TP |  | Project (h) |  |
| Description  Based on the knowledge of unit operation of water treatment operations, the course provides the basic elements allowing the definition of associated water treatment and by-products while highlighting the challenges of their construction, their implementation work and exploitation. This course is illustrated with examples of case studies and students are invited to deal with a real case of pre-station sizing.  General presentation of objectives 2. Drinking water treatment plant  Classification of pollutants and treatment processes / Design of a treatment system / Case studies  . Wastewater treatment plant Classification of pollutants and treatment processes / Design and comparison of sectors / Case studies 4. Sludge packaging lines and other co-products Problem / Dehydration processes / Stabilization processes / Conditioning processes / Design of a sector and case studies | | | | | | | | | |
| Key Words | * Drinking water * Wastewater * Sludge treatment | | | | | | | | |
| Type of Evaluation | Exam  Practical work | | | | | | | | |