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| N° ECUE | XA4S512 | | | | | | | | |
| Title | Water chemistry | | | | | | | | |
| ECTS 2.5 |  | Lecture(h)  CM | 16.5 | Tutorials (h)  TD | 12 | Pratical works (h) TP |  | Project (h) |  |
| Description  This ECUE X4S512A focuses on understanding the processes of equilibrium in aqueous solutions.  Study of equilibrium processes and prediction of chemical reactions (pH, complexation in homogeneous and heterogeneous environment, Oxydo-reduction) to understand the evolution and control of the quality parameters in the environment and in the systems of water treatment  • Chapter 0: Introduction: chemical composition of water  • Chapter 1: Complexation and pH  • Chapter 2: precipitation and pH  • Chapter 3: Oxydo-reduction and pH | | | | | | | | | |
| Key Words | Water chemistry  Equilibria in aqueous solutions | | | | | | | | |
| Type of Evaluation | Two exams + multiple-choice question.  A first written assessment is made when half of the hourly volume is dispensed. An evaluation at the end of the semester is then made including the entire program of the material. The first note counts for 1/3 of the note and the second for 2/3. | | | | | | | | |