

Table S1: Schedule activities and deliveries carried out in this study during the course (15 weeks)

Week	Activity	Delivery
1	1.- Undergraduate biology students (4) randomly constituted a teamwork (20). 2.- Each team select a real problem to solve from a given project list or propose a new one. 3.- Received oral presentation and project rubrics 4.- Received guidelines about how to proceed with the project development.	Each initial teamwork elect their project.
2	1.- Undergraduate engineering (2-3) and translation students (1-2) joint any of the listed 20 teamwork. 2.- Each teamwork (6-9) must guarantee race, gender, culture and so on diversity.	Multidisciplinary PBSL teamwork.
3-8	1.- Students implement the PBSL using digital tools to share and use information. 2.- Teachers use the Moodle course management software to give information about the syllabus and schedules of lectures, seminars, presentations and so on. 3.- Seminars to check PBSL development carried out in each specific course by their specific teachers by assessing their specific knowledge acquisition in biology, engineering and translation. 4.- Multidisciplinary teamwork meetings: teachers met with all students of each teamwork in order to evaluate transferable skills acquisition.	Feed-back (3) to students on weeks: 3 ^{er} , 5 th and 8 th .
9	Evaluation and grading of first version of: 1.- Written report of each PBSL 2.- First oral presentation of each PBSL	First grades of PBSL report. Feed-back of the oral presentation.
10	Student autonomous working week	No deliveries
11	Written test evaluation to evaluate specific knowledge acquisition	Grading of written test (100%)
12	Student autonomous working week	
13	Evaluation and grading by specific field teachers of final version of: 1.- Written report of the PBSL 2.- Oral presentation	Grading of written test (100%) Grading (50%) of oral presentation
14	Final multidisciplinary oral presentation (scientific congress format) Student and teachers satisfaction questionnaire	Grading (50%) of oral presentation Satisfaction questionnaire
15	Teachers meeting for written test, report and oral presentation evaluation	Final Grading