



5.00 credits

30.0 h

Q2

Teacher(s)	Vande Kerckhove Corentin ;
Language :	French
Place of the course	Mons
Learning outcomes	
Evaluation methods	Continuous evaluation (no exam session) including projects and exercises verifying that the students master the different competences. The competences will be detailed during the first lecture.
Teaching methods	Lectures Practical assignments, exercises and projects integrated into the course Some parts might be lectured in English.
Content	Nowadays, recommender systems play an ever more important role to propose products or services to consumers. Recommending movies, music, news, books, restaurants, financial services, search terms, or contacts, etc. has become a key asset for many companies. Recommender systems can be based on numerous approaches in existence today. This course covers some of these systems with a focus on recommender systems data, collaborative filtering, matrix factorization, and the evaluation of recommender systems.
Inline resources	Online ressources are available at <a href="https://moodleucl.uclouvain.be/">https://moodleucl.uclouvain.be/</a> Lecture name : MLSMM2156 - Systèmes de recommandation Key : communicated at the first class Brief introduction: <a href="https://tryolabs.com/blog/introduction-to-recommender-systems/">https://tryolabs.com/blog/introduction-to-recommender-systems/</a> General overview: <a href="https://link.springer.com/book/10.1007%2F978-3-319-29659-3">https://link.springer.com/book/10.1007%2F978-3-319-29659-3</a>
Bibliography	Aggarwal, Charu C.. "Recommender Systems." Springer International Publishing (2016).
Faculty or entity in charge	CLSM

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] : Business Engineering	INGM2M	5		
Master [120] : Business Engineering	INGE2M	5		
Master [120] in Data Science : Statistic	DATS2M	5		