Open edX is a Learning Management System founded by the Massachusetts Institute of Technology and Harvard University in May 2012

EdX is a massive open online course (MOOC) provider and online learning platform. It hosts online university-level courses in a wide range of disciplines to a worldwide audience at no charge. It also conducts research into learning based on how people use its platform. EdX is nonprofit and runs on an open-source software platform.

EdX courses consist of weekly learning sequences. Each learning sequence is composed of short (an average of 10 minutes each) videos interspersed with interactive learning exercises where students can immediately practice the concepts from the videos. The courses often include tutorial videos that are similar to small on-campus discussion groups, an online textbook, and an online discussion forum where students can post and review questions and comments to each other and teaching assistants.

EdX has been developed as open-source software and made available to other institutions of higher learning that want to make similar offerings. On June 1, 2013, edX open sourced its entire platform, creating a collaborative environment — Open edX — where contributors worldwide can work to develop enhancements and new features. Since 2014, the Faculty of Science has installed the Open edX software on a UZH server. Please note that the online courses of the UZH will only run on the UZH server and are not listed under edx.org as the UZH is not part of the edX consortium.

The Open edX Platform: Open edX is implemented mostly in Python for the server, and of course Javascript for the browser.

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