Free/Open Online Education – a snapshot

Institution & programme	No. courses available	Launched	License	Sample course	University credits	Course materials available	Notes
MIT Open Courseware (OCW)	2,100	2002	CC-BY-NC-SA	Introductory Biology	No	Courses available in various formats may include some or all of the following: lecture notes, online textbooks, assignments & solutions, exams & solutions, multimedia content	MIT was the 1st higher education institution to commit to OCW, making available course materials for all undergraduate & graduate courses; many have followed MIT's lead, e.g. Yale, NYU, etc. (see OCW Consortium)
Yale Open Yale Courses	35	2007	CC-BY-NC-SA	Frontiers of Biomedical Engineering	No	Lecture video/audio & transcript, reading list, lecture notes, review questions (also in iTunes, YouTube)	
NYU NYU Open Education	6	2011	CC-BY-NC-SA	History of New York City: A Social History	No	Lecture videos, reading list, links to Study Groups (also in iTunes, YouTube)	
MIT OCW Scholar	8	2011	CC-BY-NC-SA	Linear Algebra	No	Lecture videos & summary notes, problem-solving videos, Java Demonstrations, problem sets & solutions, exams & solutions, links to Study Groups	OCW Scholar was designed specifically for independent learners; these courses are more complete than typical OCW courses

MIT [MITx]	1	**2012**	CC-BY-NC-SA	[6.002x Circuits and Electronics] *(begins March 5th)*	Yes (MITx credit, not MIT credit)	All course materials, interactive instruction, online labs, online communication, assessment of student work	MITx is a pilot initiative in offering open, online education *for MIT credit*; 6.002x is the first course
Stanford on [iTunes U]	13	2004	CC-BY-NC-SA	[iPad and iPhone App Development]	No	Audio & video podcasts	This was Stanford's first foray into online education, similar to many other university offerings in iTunes U
Stanford Online Courses *(no longer available)*	3	2011	Copyright – access limited to registered users only	[Machine Learning]; Intro to AI; Intro to Databases	Certificate (no credit)	Lecture videos, exercises, mid-term & final exam (automatically scored), discussion forum	Hugely successful launch of 3 online courses last autumn – however, a new model for 2012 with Coursera & Udacity (see below)
[Coursera] (still affiliated with Stanford)	16	**2012**	CC-BY-NC-SA	[Human-Computer Interaction] (begins Feb.)	Certificate (no credit)	Lecture videos, quiz questions, assignments & exam (automatically scored)	Stanford will continue to offer free, online courses through *Coursera*
[Udacity] (independent of Stanford)	2	**2012**	CC-BY-NC-SA	[Building a Search Engine] (begins Feb. 20th)	Certificate (no credit)	Lecture videos, programming problems, assignments & exam (automatically scored)	Sebastian Thrun has left Stanford to launch *Udacity*; additional courses are planned
[MOOCs] Massive Open Online Courses	12	2007	CC-BY-NC-SA	[Connectivism & Connective Knowledge 2012]	Yes/No (depends on the MOOC)	Connecting distributed instructors & learners, course materials are dispersed across the web; discussion & social media form an essential element	MOOCs have been offered [since 2007], sometimes with thousands of people taking part

NOTE: [Class Central](#) provides a summary of free, online courses from Stanford's Coursera, MIT's MITx and Udacity.