


MOOC

Massive Open Online Courses

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UNIGE University of Geneva

Founded in 1559, the University of Geneva (UNIGE) is one of Europe's leading universities. Devoted to research, education and dialogue, the UNIGE shares the international calling of its host city, Geneva, a centre of international and multicultural activities with a venerable cosmopolitan tradition.

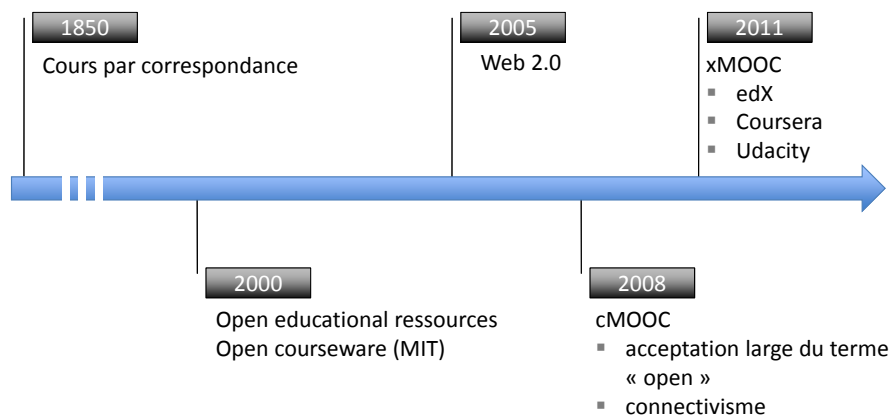
- Calvin - Histoire et Réception d'une Réforme**
October 2013
- Global Health: Interdisciplinary Overview**
October 2013
- International Organizations Management**
Date to be announced
- The Diversity of Exoplanets**
Date to be announced

<https://www.coursera.org/unige>



Qu'est-ce que c'est ?

- **Massive:**
 - 1'000 – 100'000 étudiants
- **Open:**
 - Participation gratuite, ouverte à tous
 - Participation libre
- **Online courses**
 - Plate-forme web

Origines



Quel modèle pédagogique ?

- Courtes vidéos de 2'-15'
- Exercices ou questions formatives
 - évaluation automatique
 - évaluation par les paires
 - forum de discussion  
- A son propre rythme ou temps déterminé
- Classes actives



Comment les cours sont produits ?



- Enregistrement vidéo
 - 1h = 4-10h
- Edition des vidéos
 - 1h = 2-10h
- Tutoring
 - Forum (2j/semaine)
 - En classe (1j/semaine)

Source:

- <http://moocs.epfl.ch/>
- P. Jermann, eduhub days 2013


Quels crédits ?

- Attestation de suivi de cours
- Certificat: pb. vérification de l'identité
 - Centre d'examen tiers (\$ 150)
 - Analyse dactylographique (\$30 – \$100)

Un changement de paradigme ?

- Obtention et reconnaissance des crédits
 - « land-based » versus « cloud-based » education ?
- Pression du monde de l'économie
 - Vers une formation professionnalisante?
- Au-delà de l'effet de marketing
 - Vers une amélioration de l'enseignement ?

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BEGINNER [View all](#)

- Intro to Computer Science
- College Algebra
- Statistics
- Introduction to Physics

INTERMEDIATE [View all](#)

- How to Build a Startup
- Web Development
- HTML5 Game Development
- Intro to Artificial Intelligence

ADVANCED [View all](#)

- Artificial Intelligence for Robotics
- Intro to Parallel Programming
- Design of a Computer Program
- Applied Cryptography

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My Courses

Current

Introduction to Computer Science

[Resume](#) [Course Progress](#)

43 min of lecture and 18 quizzes remaining in Lesson 1: How to Get Started.

PROGRESS SECTION

- Lesson 1: How to Get Started
- Lesson 1: Problem Set
- Lesson 1: Problem Set (Optional)
- Lesson 1: Q&A
- Lesson 2: How to Repeat
- Lesson 2: Problem Set
- Lesson 2: Problem Set (Optional)
- Lesson 2: Problem Set (Optional 2)
- Lesson 2: Q&A
- Lesson 2.5: How To Solve Problems
- Lesson 3: How to Manage Data
- Lesson 3: Problem Set
- Lesson 3: Problem Set (Optional)
- Lesson 3: Problem Set (Optional 2)
- Lesson 4: Responding to Queries
- Lesson 4: Problem Set
- Lesson 4: Problem Set (Optional)
- Lesson 5: How Programs Run
- Lesson 5: Problem Set
- Lesson 5: Problem Set (Optional)
- Lesson 5: Q&A
- Lesson 6: How to Have Infinite Power
- Lesson 6: Problem Set
- Problem Set 6: Starred
- Lesson 6: Q&A
- Lesson 7: Past, Present, and Future of Computing
- Exam Part 1
- Exam Part 2 Starred
- Lesson 8: Learning New Things
- Lesson 8: Modules and Classes
- Lesson 8: Problem Set
- Lesson 10: Inheritance
- Lesson 11: Files, IO, and Exceptions

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Introduction to Computer Science


Lesson 1: How to Get Started


QUIZ

Which of these are computer programs?

a web browser


a slice of toast


the Python interpreter


calendar app on a phone


the Python code you will write in this class
`print 'Hello!'`

What is a Program

Rewatch Instructions

Submit Answer

Continue to Answer

Discussions [See All](#)

- problems in unit on please help me 1d ago
- Which of these will print the correct result ?1771 Apr 17
- how to run python in chrome Apr 6
- what is the correct answer? Apr 6
- arrhythmic rules Mar 26
- how to get to python? Feb 16
- Flirt quiz gave me hope to continue Jun 21
- Unit 1, 1st Quiz: calculate number of minutes in 7 weeks May 4
- Unit 1 2nd question Apr 27
- Unit 1-6 - confusing 'wrong answer' message Apr 21

[Ask a Question](#)

Instructor Notes


Please select the best answer to the question.

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Introduction to Computer Science

Lesson 1: How to Get Started

Programming



0:02 / 2:40

Previous Next

Discussions [See All](#)

- Lesson 1; Problem 5 Apr 12
- Lesson 1 problem set quiz 5 Apr 7
- Introduction to computer science Mar 26
- problem with one of exercises from „Problem set“ Mar 26
- “Strings” quiz in problem set of Unit-1 Mar 26
- Question 5 of Unit 1 Sep 8
- Quiz 1-5 (What is a programming language) Jul 29
- print code in python Jul 13
- CS101 unit1 part 5 - quiz bug? Jun 18
- Problem answering Quiz 1.5 Jun 3

[Ask a Question](#)

Instructor Notes

If you'd like to discuss this video on the forums please use the tag `unit1-4`.
 If your post includes solutions to the quiz, include the tag `spoiler` as well.