# Kva slags kompetansar kan biblioteket bidra med for å utvikle kurs og undervise innan open vitskap?

1) Universitetsbiblioteket er vandt med å tenkje i **tidsperspektivet til vitskapen sjølv**, dvs. «endless frontier». Ta vare på alt bakover i tid, og det som lagrast i dag tenkjer med skal vare i all æve.
2) Me er vandt med å ta vare på **alle slags medier**, runesteinar og papyrus, microfilm, bøker og bits.
3) Universitetsbiblioteket har alltid vore ein **fleirfagleg og tverrfagleg arena** sjølv om det også her har vore avdelingar og spesialistar.
4) Universitetsbiblioteket har alltid drive med konvertering mellom formater og gjenfinningsmetoder. Denne **brubyggjing vil aldri stoppe.**
5) Universitetbiblioteket er ein **nøytral møteplass.**

# UB som Origo for open vitskap

Universitetsbiblioteket kan vere **veven som fører alle open vitskapstrådane saman**, med faste personar som tek ansvar for enkeltdelane, som **datahanteringspla**n til dømes. Fagfolk og konsulentar passar fint som ekspertar, til dømes på **deidentifisering av datasett**, men ikkje nødvendigvis som koordinatorar.

Software Carpentry er ein god start der biblioteket er med «face-to-face», med «blended courses» og snart MOOCs. Humanistar og naturvitarar dukka opp i fin foreining.

UiO : University of Oslo Library

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- Courses and events
- Courses
- Freestanding courses
- Carpentry
- Software Carpentry

# Software Carpentry

Software Carpentry's mission is to help scientists and engineers get more research done in less time and with less pain by teaching them basic lab skills for scientific computing.

This hands-on workshop will cover basic concepts and tools, including automating tasks with the Unix shell, version control with Git and building programs with Python or R.

Participants will be encouraged to help one another and to apply what they have learned to their own research problems.

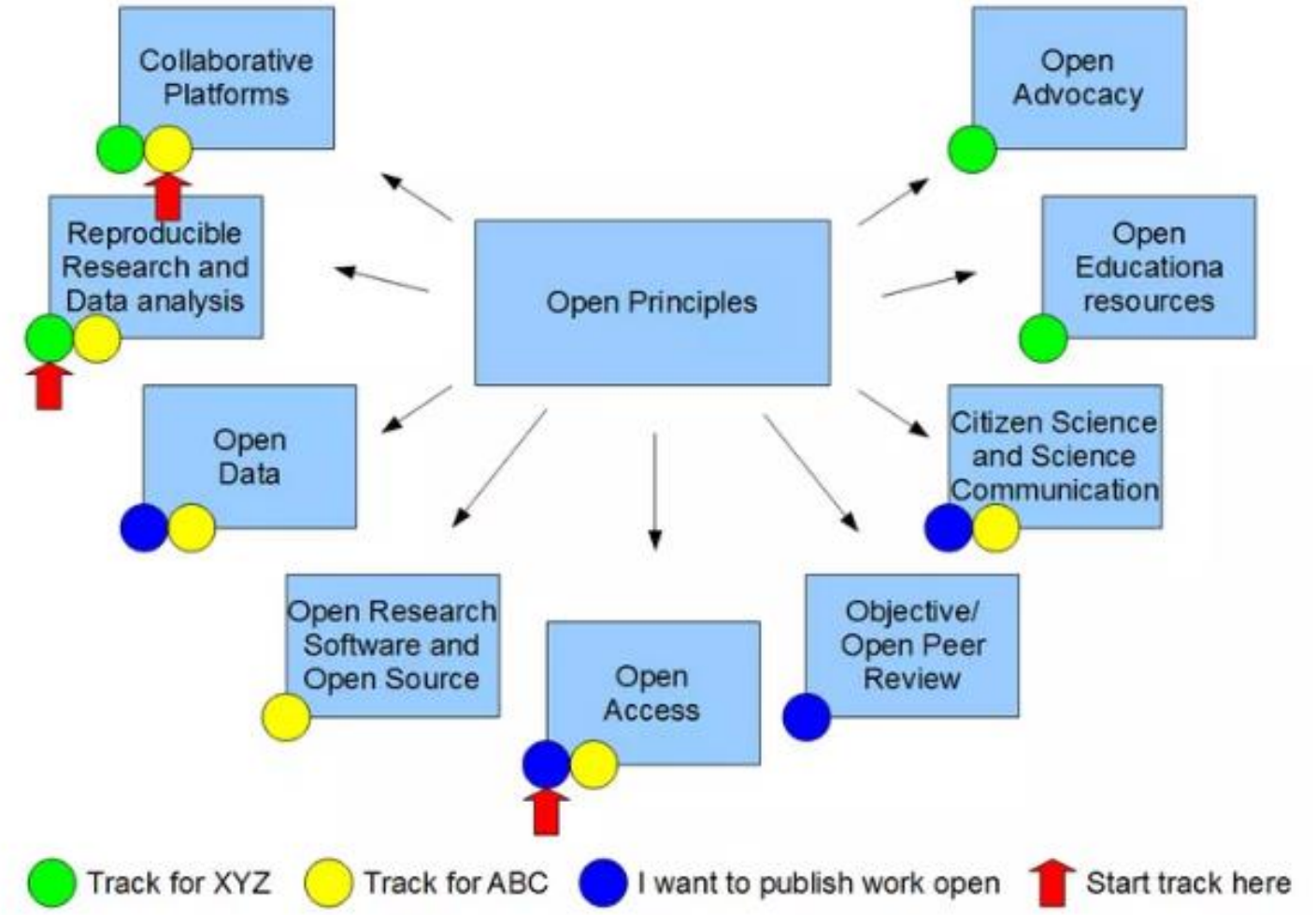
The course is aimed at graduate students and other researchers from

Foto: F.H. Juell

**Upcoming courses**

No upcoming courses

Biblioteket kan bruke internettkurs til **kompetanseutvikling** og biblioteksrommet til **ansikt til ansikt** undervisning . http://fossilsandshit.com/open-science-mooc-update/




Proposed draft overview structure for the Open Science MOOC

# Open vitskap kan verte ein vinnarstrategi for studentar og forskarar og universiteter

## Open science and Scholarship: Changing Your Research Workflow

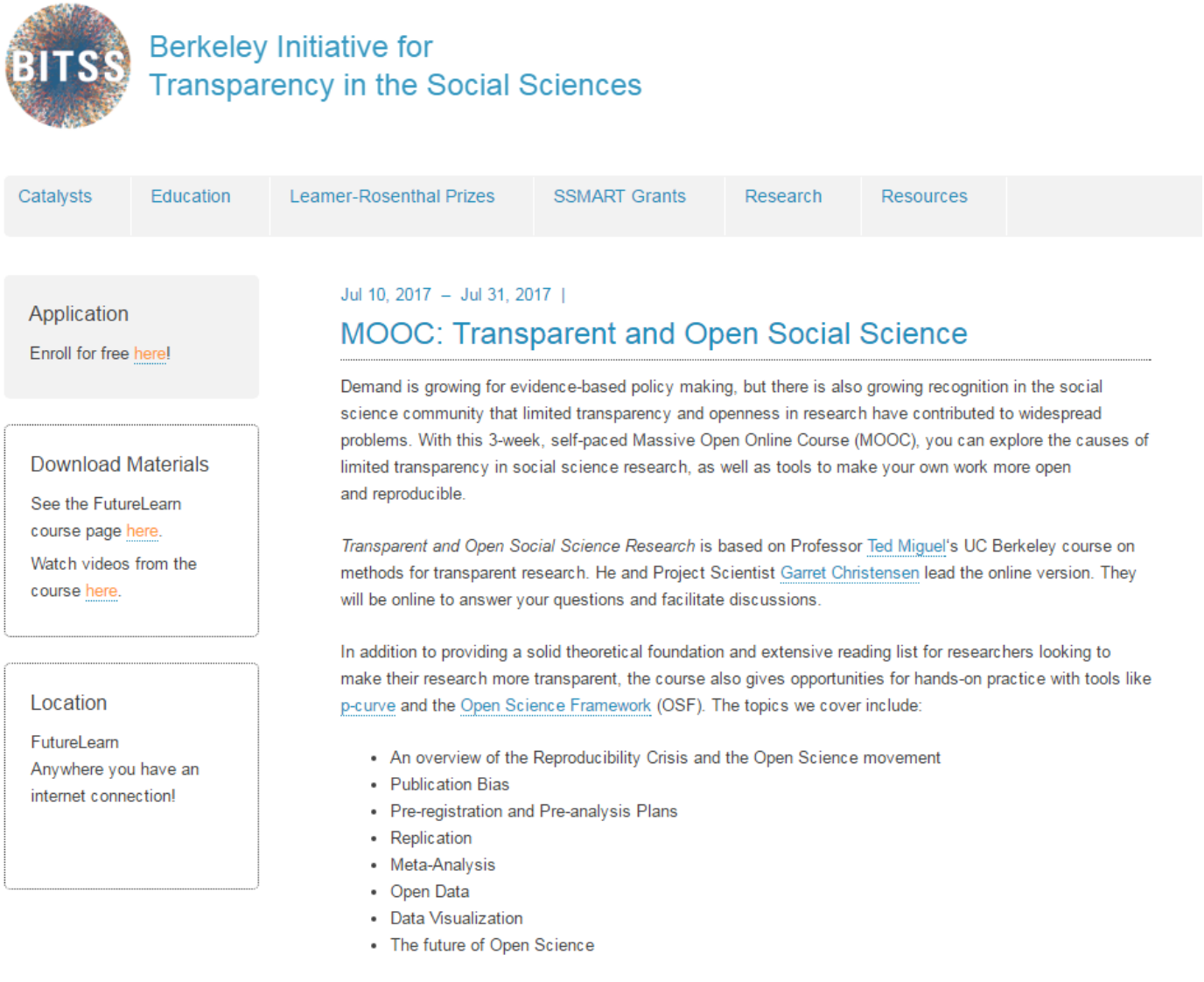
**Organizing institution**

Utrecht University, University Library

| | |
|---|---|
| **Period** | **Course code** |
| 07 August 2017 - 11 August 2017 (5 days) | H12 |
| **Course location(s)** | **Course fee (incl. housing)** |
| - Utrecht, The Netherlands | € 750 |
| **Credits** | **Level** |
| 1.5 ECTS credits + Certificate of Attendance | Advanced master level |

**Increasingly, funders, publishers and institutions require researchers to work in an Open Science manner. This course offers an introduction in Open Science for students and researchers of all disciplines. There is no experience required with empirical research methods. You will be introduced to many Open Science tools and practices, and discover how external factors influence the options you have to work in a more open way. After this course, you will understand the why and how of Open Science and have hands-on experience with practicing Open Science and Scholarship in all stages of your research, including outreach and assessment.**

Berkeley, Cambridge, Harvard osv har kurs i åpen vitenskap som ofte er knytta til **bibliotekets kompetansesystem. Det er ikkje tilfeldig.**



BITSS

Berkeley Initiative for
Transparency in the Social Sciences

Catalysts | Education | Leamer-Rosenthal Prizes | SSMART Grants | Research | Resources

**Application**

Enroll for free here!

**Download Materials**

See the FutureLearn course page here.

Watch videos from the course here.

**Location**

FutureLearn
Anywhere you have an internet connection!

Jul 10, 2017 – Jul 31, 2017 |

## MOOC: Transparent and Open Social Science

Demand is growing for evidence-based policy making, but there is also growing recognition in the social science community that limited transparency and openness in research have contributed to widespread problems. With this 3-week, self-paced Massive Open Online Course (MOOC), you can explore the causes of limited transparency in social science research, as well as tools to make your own work more open and reproducible.

*Transparent and Open Social Science Research* is based on Professor Ted Miguel's UC Berkeley course on methods for transparent research. He and Project Scientist Garret Christensen lead the online version. They will be online to answer your questions and facilitate discussions.

In addition to providing a solid theoretical foundation and extensive reading list for researchers looking to make their research more transparent, the course also gives opportunities for hands-on practice with tools like p-curve and the Open Science Framework (OSF). The topics we cover include:

- An overview of the Reproducibility Crisis and the Open Science movement
- Publication Bias
- Pre-registration and Pre-analysis Plans
- Replication
- Meta-Analysis
- Open Data
- Data Visualization
- The future of Open Science

# Status for open vitskap

**Dette har skjedd så langt på UiO**

- Kurs i GitHub
- Kurs i Rstudio
- Kurs i Unix
- Kurs i Git
- Kurs i SQL
- Kurs i LaTeX
- Kurs i Zotero
- Datahanteringsplan

**Framlegg til fleire kurs**

- Annotering
- Tekst- og datautvinning
- TDM som del av Systematic Review
- Prosjektetablering OSF og Zenodo
- Lisensrettleiing
- Kurs i DOI og OrcID
- GIS-kurs
- Replikasjonsstudier
- Samskriving
- Siteringskultur
- Åpen fagfellevurdering
- Deidentifisering av datasett
- Videoanalyse