1) Navn på programmet: Computational Science
2) Studieretninger:

- Computational Science: Astrophysics
- Computational Science: Bioscience
- Computational Science: Chemistry
- Computational Science: Finance and Risk Analysis
- Computational Science: Imaging and Biomedical Computing
- Computational Science: Materials science
- Computational Science: Mathematics
- Computational Science: Mechanics
- Computational Science: Physics

3) Opptakskrav:

The following higher education entrance qualifications are needed

- A completed bachelor's degree (undergraduate) comparable to a Norwegian bachelor's degree in one of the following disciplines
    a. Biology, molecular biology, biochemistry or any life science degree
    b. Physics, astrophysics, astronomy, geophysics and meteorology
    c. Mathematics, mechanics, statistics and computational mathematics
    d. Computer science and electronics
    e. Chemistry
    f. Materials Science and nanotechnology
    g. Any undergraduate degree in engineering
    h. Mathematical finance and economy
    i. Economy
- For international students, an internationally recognised English language proficiency test is required.

The above undergraduate degrees have some minimal requirements on specializations which need to be fulfilled. In addition to the above required undergraduate degrees, students need to have 40 ECTS in basic undergraduate mathematics and programming courses (calculus, linear algebra and/or mathematical modeling and programming). A course in programming is compulsory and should

correspond at least to 10 ECTS of work load. The average mark for the mathematics and programming courses, as well as 40 ECTS in senior undergraduate courses (2000 and 3000 level in Norway) for the specific specialization has at least to be C (letter marks). As an example, an undergraduate degree in Chemistry has a minimal requirement on chemistry courses, typically amounting to at least 60 ECTS out of 180 ECTS for a bachelor's degree. The average mark on the 40 ECTS of selected senior undergraduate credits in chemistry and the 40 ECTS in mathematics and programming should at least be C. **The various study directions may have additional requirements on content concerning the 40 ECTS at the 2000 and 3000 level. A letter of motivation and two letters of recommendation are required when applying**.

4) LUBer er beskrevet (i detalj, kortversjon under utarbeiding)
på http://mhjensen.github.io/CPMLS/doc/pub/Masterprogram/html/Masterprogram.html, gå til 'Description of learning outcomes'

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Ellers, vi starter nå arbeidet med kurs, både felles og eventuelt nye kurs. I tillegg er det mulig at vi har to studieretninger til. Bioinformatikk miljøet ved IFI skal delta på neste møte og det kan hende det blir ei spennende retning i Bioinformatikk. Det hadde vært noe å flagge.
I tillegg er vi i kontakt med Steinar Holden ved økonomi om hvorvidt en skal lage ei studieretning i beregningsorientert økonomi.

Morten