Emnerapport 2012 høst

Faglærers vurdering av gjennomføring

Praktisk gjennomføring

The lecture covers topics in organometallic chemistry and catalysis (divided in two parts). The courses were theory based lectures (2 hours per week/14 weeks) and tutorial (2*5h every 3-4 weeks, 10 hours in total). The lectures were given in the auditorium 4 and tutorials in room 2018. The lectures were taught in English and based on “Organometallic Chemistry and Catalysis” textbook from D. Astruc. To complement the textbook, the teacher provided to the students lecture notes (≈140 slides using Powerpoint) and supported by several relevant documents/articles. In addition, extra information, detailed examples and clarifications have been given throughout the use of the blackboard and during the tutorial. The assessment form was a final written exam (4h).

Strykprosent og frafall

Number of candidates (registered): 9; Number present at the examination: 8
Number of pass (B): 7; Number of fail (S): 1; Average rating: B.
Two students signed up for the lecture/examination but never showed up to the lectures and/or examination.

Karakterfordeling

KJEM243: A: 29%, B: 14%; C: 44%, D: 14%, Average: B
The average rate is slightly lower than to the examination in 2008 and 2011.

Studieinformasjon og dokumentasjon

All necessary educational materials (lecture notes, exercises, documents and articles) were posted on My Space. 50% of students (above 4 from a scale ranging from 1 to 5) were satisfied, 17% ok.

Tilgang til relevant litteratur

See point above. All necessary literature was available on My Space.

Faglærers vurdering av rammevilkårene

Lokaler og undervisningsutstyr

Andre forhold

Auditorium 4: blackboard frequently not clean.

Faglærers kommentar til student-evalueringen(e)

Metode – gjennomføring

Electronic questionnaire: 7 out of 9 replied; 77%.

Oppsummering av innspill

Half of the students (57%) answered they had the necessary background to follow KJEM243 while 43% replied they had a lack of knowledge and no sufficient background, particularly in inorganic chemistry, which is surprising considering that the requirement for attending KJEM243 include basic knowledge of general chemistry, organic chemistry, inorganic chemistry and chemical thermodynamics.
In respect to the question on clarity of presentation of the different topics during the lectures, the students responded: very good/good (29%), ok (29%), unsatisfied (43%). There were tutorial sessions offered giving further explanation about the theoretical aspects with detailed examples. Attendance of these tutorials was volunteering based. Few students participated regularly.
The majority of student responded that they only rarely prepared for the lectures. In fact, 67% responded to spend an average of only 2-3 hours of self-study per week for this subject.
43% of students answered the learning outcome of the lectures were high and another 43% ok, meaning that almost all students (86%) were satisfied with the learning outcome. The course's objectives and content responded to the expectations of most students.
83% of the students responded that there was very good or good contact with the lecturer.
67% of students are satisfied and 17% ok with the new textbook (“Organometallic Chemistry and Catalysis”).
The majority of students (71%) attended more than ¾ of the lectures and 60% of students answered positively to the relevance of KJEM243 for their studies, thesis and research activities.

Ev. underveistiltak

Faglærers samlede vurdering, inkl. forslag til forbedringstiltak