



Chemical Society Annual Report to the EuChemS Division of Chemical Education for 2020-2021

1. Abstract

Some of the main activities of the Norwegian Chemical Society – Division of Chemical Education are mentioned in this report.

2. National Educational Policy

In Norway, Chemistry is taught as a part of the mandatory subject “Natural sciences” up to Year 11. Included in this subject we also find Physics, Biology, Geology and minor parts of other subjects. In years 12 and 13, the students may choose chemistry courses for the next two year(s). Usually they study the K1 course in the 12th form and the K2 course in the 13th form. In Norway, the number of schools with the IB (International Baccalaureate) programme is increasing, and chemistry is an important subject in this programme as well. On university level, chemistry is taught on all levels and there are specific programmes for teachers.

3. Events in Chemical Education

The Division of Chemical Education in NCS (NCS-DCE) was formally started in April 2012. The Board of the NCS-DCS has its annual meeting in January or February. Members of the Board are elected for 2 years. Half of the Board is elected every year. The Division has 121 members (counted 1.1.21).

4. Activities of the National Chemical Society

- Board Meetings
The NCS-DCE Board has monthly meetings on Zoom; digital meetings are chosen since the members of the Board live different places in Norway. The annual meeting (with elections, etc.) is held in January or February.
- National Chemistry Exam discussions
Discussions of the content and assessment of the national written exams in the chemistry course K2 in Upper Secondary School are usually arranged in different parts of the country every year. In June 2021, however, these discussions will not be held since the national exam is cancelled due to COVID-19.
- National curriculum in Chemistry

A major revision of the National curricula in Norway started in 2017. This will result in changes in all subjects, and for Chemistry, the changes will be implemented in fall 2021 (K1) and fall 2022 (K2). The revision of the Chemistry curriculum started in 2019 and two of the members in the group leading this work are from the Board of our Division. In Fall 2020 and Spring 2021, the Board sent official statements on the drafts for the new curriculum in Chemistry (K1 and K2) to the authorities on behalf of the Division.

- Survey about chemistry laboratories in schools

The Board has created a survey to chemistry teachers in upper secondary school about chemistry laboratories in schools and division of labor and responsibilities. The survey was sent to the members and posted at relevant Facebook pages in May 2021.

5. Publications

The Norwegian Chemical Society publishes 6 numbers annually of a journal, "Kjemi", with chemistry articles and news in chemistry research, education, laboratory analysis, etc.

6. International and European initiatives

Norway participates in IChO every year.

7. Other events and activities

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8. Name of delegate and deputy

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9. Contact details of delegates.

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