



Natural Science Programme

ENGELSKA

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Skolverket

The Natural Science Programme leads to a diploma that provides eligibility for higher education.

The programme is intended for students who wish to work with the natural sciences. The programme lays the foundations for further studies in natural sciences, mathematics, technology and social sciences in higher education.

TWO DIFFERENT ORIENTATIONS

Natural sciences

- You learn about biology, physics, chemistry and mathematics.

Natural sciences and society

- You learn about science, social studies and geography.
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This is what you learn from the programme

You develop your knowledge of contexts in nature, conditions for life, phenomena of physics, chemical processes and mathematics. You learn about models developed in interaction between experiments and theory. You study the ideas and theories of science in a historical context and in relation to current research.

How the programme is organised

The foundation subjects in the Natural Science Programme are: English, history, physical education and health, mathematics, religion, social studies, Swedish or Swedish as a second language. In the programmes preparatory for higher education, you study more theoretical courses than in the vocational programmes.

The programme specific subjects are: biology, physics, chemistry and modern languages.

You get the opportunity to specialise and further broaden your knowledge in the programme. This is referred to as "programme specialisation". This can cover subjects such as: biology, computers and ICT, philosophy, geography, sustainable society, chemistry, construction, mathematics, programming, psychology, technology, training and web technology. Check with the school to find out what specialisation courses it offers.

You also have an individual option where you can choose what you want to study. Ask the school what courses it provides.

Working approaches

In the programme you develop a scientific approach where you learn to think critically, reason logically, solve problems and make systematic observations. You assess different sources and can differentiate between statements based on scientific and non-scientific grounds. You work practically with experiments, lab exercises and field studies.

You enhance your curiosity, creativity and ability to think analytically. You gain good experience in using modern technology and equipment.

Diploma project

Towards the end of the Natural Science Programme, you complete a diploma project. In this you formulate a set of questions, plan, carry out and assess extended work based on some important knowledge areas in the programme.

Some points to think about

To be eligible for a specific education programme in higher education, it is important that you plan your studies in advance. Talk to your study and vocational guidance counsellor if you want to continue your studies in higher education.

You always have the right to choose another course in physical education and health, and an aesthetic course in the individual option.