

Curriculum Upper secondary school and adult education Sweden (2011)

Everyone who works within the school must also promote respect for each person's intrinsic value and respect for our common environment.

The environmental perspective in teaching should give students insights so that they can contribute to preventing harmful environmental impacts, and acquire a personal approach to the overall and global environmental issues.

The teaching must highlight how society's functions and people's way of living and working can be adapted to create sustainable development.



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Goals for Tourism Program from 2011



Education should highlight issues related to social, economic and cultural conditions, ethical approaches and sustainable development in the field of tourism

Course in Sustainable Tourism 100h from 2011

The teaching in the course must deal with the following central content:

- Basic principles of ecotourism.
- Environmental work in the tourism industry's various areas of activity as well as positive role models and brands in the field.
- Certification system for sustainable, safe and responsible tourism.
- Prerequisites for sustainable tourism in well-known destinations.
- Sustainable and environmentally friendly tourism development where people interact with nature and culture as well develops destinations and activities with regard to ecology, ethics and economics.
- Natural and cultural resources from a historical and future perspective and their significance for development.
- The impact of tourism on countries' nature, cultural heritage, society, economy and employment.
- The opportunities for tourism companies and the individual traveller to contribute to responsible travel.
- Laws and other regulations as well as ethical approach in the area.
- Information retrieval and critical review, processing and presentation of the material.

Vehicle and transport Industry - 2011

The students must also develop knowledge of and skills in choosing the right equipment and method for performing work tasks with regard to the environment, quality, safety and economy.

In March 2020, amendment to subject plans came with a strengthening of the electric car area, unlike the previous focus on the combustion engine.

Core content :

The role of industry in society and its environmental responsibility e.g. alternative fuels, recycling requirements and environmentally friendly driving.

The Swedish National Agency for Education expects that the new subject plans will be decided by the end of 2023 (All VET Education)

The new subject plans are much clearer when it comes to which things are to be covered by teaching and training.



Examples from new plans for Vehicle and transport industry

- Training on multi-fuel vehicles that include different types of liquid fuels and gas as well as service, maintenance and repairs on their systems and components.
- Training on electric and hybrid vehicles as well as service, maintenance and repairs of their systems and components.
- Training on recycling technology and energy storage within electric and hybrid vehicle charging infrastructure.
- Training on vehicles' different impact on the environment and on vehicle technology that minimizes environmental impact.
- Training in efficient resource utilization for all the professions covered by the program, for example training on cost-effective repairs on vehicles and bicycles that can minimize emissions, etc.
- Education in digitization within the respective professional and business area.
- Training on disposal of used and replaced parts in a cycle.
- Efficient road transport with optimized resource utilization, logistics and various logistics solutions with a focus on the environment and economy, including efficient goods handling in loading, unloading, storage and terminal.



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Examples of other areas to consider:

How the transition affects job opportunities, etc. Most professions and activities within the entire vehicle and transport area are affected to a large extent by the technological leap that is currently taking place around us. It is difficult to overview all the consequences for the vehicle and transport industry beyond the year 2030.

The service time requirement of passenger cars has decreased from approx. 3 hours (fossil-powered vehicle) to approx. 18 minutes (electric-powered vehicle) for a "normal service " which normally happens once a year.

The existence of gas stations with their main purpose of offering fuel is challenged by the existence of electric vehicles, where the "refueling" of electricity can just as easily take place at home, at the workplace or outside the roadside restaurant already now but to a greater extent in the future.



National Agencies must be at the forefront and explain WHAT is meant by sustainability in various vocational subjects.

To help them, they need industry organizations as support. It is their researchers who can see what we need tomorrow so that teaching does not rest on old knowledge.

The need for operators in the vehicle and transport industry to offer continuing education to vocational teachers is important and absolutely crucial for the schools to be able to keep up and train for the future need for skills.



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