

The Energy Programme

Do you want to have a job that is always different with lots of responsibility?

Do you want to work with questions that are hot topics today?

Do you want the possibility to start your own company in the future?

Do you want to apply for a job directly after upper-secondary school?

Do you want the possibility to work or study abroad?

If so, the Energy Programme may be something for you.

On the Energy Programme you learn the fundamentals in order to work with technical systems within energy, real estate, heating, ventilation and sanitation (VVS), refrigeration or navigation. As you can understand it is an extremely broad area, and you have a good possibility to find a course of study that suits you. If you watch television or read a newspaper, you discover that a large part of the news and debates has to do with energy. Respect for the environment and the operational cycle are important in education. You and your classmates can also think about how technology can help us create a sustainable society.

Much of what you learn on the Energy Programme can be used in other parts of the world. If you have language skills and an interest and understanding of other countries and cultures you can work almost anywhere you want.

Working or studying further

If you choose the Energy Programme you can apply for a job directly after upper-secondary school. Which job you can apply for depends on which course of study you have chosen. Sometimes you first have to be an apprentice for a year or more. You receive an apprentice salary and get to go along with those working in the industry, in order to learn from them. They have special skills and have worked within your trade for a long time.

If you want you can also study after upper-secondary school. You can choose an education at a vocational university which gives you the skills you are interested in. You can also go on to study at a university. If you choose to study navigation technology at upper-secondary school you can go on to study at a navigation university.

Possible jobs

Once you have studied on the Energy Programme you can apply for a job as an operational machinist, mechanic, operator, technician, caretaker, innkeeper, landlord or operator.

If you choose to study after upper-secondary school, you have a good chance to then be able to apply to many different types of jobs. If you already know what you want to, talk with your school and careers officer. She or he can help you choose the right classes and course of study.

Programme contents

The Energy Programme consists of courses. Certain courses are obligatory for everyone who studies at secondary school. Other courses are specific for the Energy Programme. You get to choose some of the other courses yourself.

The programme has three national branches. This means that everyone in the whole country who studies on the Energy Programme can choose them. There may be other places with more courses of studies that may be perfect for you. Ask your careers officer!

The national branches are:

- operational and maintenance technology – for those of you who want to work with caretaking, at a power plant or thermal plant, within the process industry or with water and environment technology (a course of study which is only in Oskarshamn, but all can apply)
- navigation technology – for those of you who want to work within navigation, either on deck or in the machine room
- heat, water and sanitation (VVS) and refrigeration technology – for those of you who want to work with installation, service as well as operational and maintenance of technical systems.

Contact with the working life

On the Energy Programme you have contact with occupational life as early as upper-secondary school. You have at least 15 weeks of internship training (APU). Your APU is organised by your school in collaboration with different companies and places of work where you live. It is a good way to get contacts which you can use when you apply for a job. If the company in your area needs energy-trained personnel who are specially-trained within a certain field, the school usually adjusts accordingly. If you are interested in doing your APU in a country other than Sweden, this can be arranged.

If you choose navigation technology as a course of study you must remember you need a doctor's certificate when you do your APU. If you are going to work or do your APU within the deck sections you must have full colour vision and vision of at least 0.8 without glasses when looking with both eyes simultaneously. If you want to know more about these requirements, you can talk with your school and careers officer.

Jobs and the future

More energy-trained personnel will be needed in the future. We humans need new energy sources, and the old ones must be more efficient. Whether it will be easy for you to get a job after studying on the Energy Programme can depend on which course of study you choose and if you can think about advanced studies. If you want to be a heat, water and sanitation (VVS) fitter you have a good chance to get a job directly after upper-secondary school. But if you want to be a technician or engineer it will be easier to find a job with advanced education.