



Bern University
of Applied Sciences



The certificate for forward-
thinking students

Certificate Sustainability and Circularity

► School of Engineering and Computer Science

Certificate Sustainability and Circularity

Do you want to develop innovative solutions for a more sustainable future?
Are you passionate about sustainability and the circular economy?
Are you eager to implement circular strategies in businesses and organizations?

With the **Sustainability and Circularity Certificate**, you will develop key competencies in sustainable engineering and business practices while complementing your regular studies. The program integrates knowledge, practical application, and exposure to sustainability ecosystems, equipping you with the tools to drive innovation in an eco-conscious world.

Learn Sustainability on Your Terms

The certificate combines theory, practice, and systems thinking in a flexible learning experience. You will gain insights into sustainability in product design, circular economy strategies, renewable energy, and ethical responsibility. Hands-on projects, industry events, and networking opportunities will refine your problem-solving and interdisciplinary collaboration skills.

The Sustainability Certificate fits seamlessly into your studies, allowing you to personalize your learning path. Whether through coursework, practical projects, or participation in sustainability events, you will gain valuable expertise while managing your academic commitments.

Sustainability Knowledge 6 ECTS

Three selected modules provide the skills and methods essential for earning the certificate, with the option to complete part of the coursework abroad or through an entrepreneurship module.

Sustainability Action 4 ECTS

You will put your acquired skills into practice – whether by participating in a sustainability hackathon, completing an internship, or working on a final project or grant application.

Sustainability Ecosystem 2 ECTS

Students benefit from a strong sustainability network: expand your connections, take advantage of various opportunities, and engage with like-minded peers.

Certificate Structure

The certificate follows a **portfolio-based approach** and allows you to complete suitable modules starting from the 2nd semester. The program combines theory, practice, and insights into relevant ecosystems, offering you a dynamic learning experience.

To successfully complete the certificate, you must earn a total of **12 ECTS** credits through selected modules. At least 8 of these 12 ECTS must be obtained outside your core degree program. This means that upon completion of the Certificate in Sustainability and Circularity, you will have achieved at least **188 ECTS** credits in total.

ECTS credits from the certificate that are not counted towards your core degree can be transferred to a **DAS** or **MAS program** at BFH-TI – provided they match the respective learning objectives of the program.

Example: Bachelor graduation with certificate with 188 ECTS → 8 ECTS can be transferred.

The Certificate in Sustainability can be obtained with the following modules:

Sustainability Knowledge (Mandatory modules)

- BTW9004 Sustainable Engineering
- BTW9009 Machine and Business Ethics

Sustainability Knowledge (Elective modules)

- BID0124 Wie sieht unsere Energiezukunft aus
- BTE5454 Moderne Energiesysteme
- BTM2425 Recycling, inklusive Batteriezellen-Recycling
- BTS6690 Introduction to Industrial Product Design
- BID0692 Tackling Sustainability - eine gute Zukunft für alle aushandeln
- BTW9003 Kickstart your idea
- Study abroad option “International Summer School”. For example: Technische Hochschule Lübeck (th-luebeck.de)

Sustainability Action*

- BTW9010 Startup-Praktikum
- BTW9013 Entrepreneurial Ecosystem & Action 3

Sustainability Ecosystem*

- BTW9011 Entrepreneurial Ecosystem & Action 1
- BTW9013 Entrepreneurial Ecosystem & Action 3

*Module codes shared with the Entrepreneurship Certificate



You can access the study plans and individual modules via «WebStudienangebot».

«Engineering in context, engineering with a conscience,
engineering for a finite planet and the indefinite future.»

Benoît Cushman-Roisin

Good to know

What does the certificate mean for my studies?

You can start the Certificate in Sustainability and Circularity at any point during your studies. The modules can be booked as elective modules through IS-A. The various modules are flexible and can be planned according to your schedule.

Will I receive support during the certificate?

During the certificate program, you will have a supervisor who will assist you with planning and any questions you may have.

For inquiries send a message to: maria.francomosquera@bfh.ch

What benefits will the certificate bring after graduation?

In addition to valuable experiences, you can also have the certificate credited toward further education at BFH-TI (e.g., CAS).



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