



| Module Title | Society and Technology |
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| Code | MCCf313 |
| Degree Programme | Master of Science – Circular Innovation and Sustainability |
| ECTS Credits | 3 |
| Workload | 90 hours |
| Module Coordinator | Name: Prof. Dr. Nadine Gurtner Phone: +41 (0) 31 848 34 65 Email: nadine.gurtner@bfh.ch Address: BFH Business School, Brückenstrasse 73, 3005 Bern |
| Lecturers | <ul style="list-style-type: none"> • Prof. Dr. Pascal Dey; W • Different experts from business and management. |
| Entry Requirements | None |
| Competencies upon Completion | After completing the module, students will be able to: <ul style="list-style-type: none"> • understand the complex relationship between technologies and society; • understand what technologies are and how they are developed and diffused, and can create value; • discuss the influence of society on technology, specifically how policy goals and societal resistance affect technologies; • assess the influence of technology on society, specifically the social impact and ethical and moral considerations. |
| Content | <p>Technological developments do not remain isolated; in fact, they are closely interwoven with society. On the one hand, society steers their technological development by setting certain goals such as sustainability or hindering other technological developments due to resistance. On the other hand, technologies also influence society, as they have consequences for many stakeholders. Technologies may have social impacts and therefore, raise a range of ethical concerns.</p> <p>In this course, we will explore the reciprocal relationship between society and technology and understand under what conditions and how society influences technologies and vice versa.</p> |
| Teaching and Learning Methods | <ul style="list-style-type: none"> • Contact teaching • Individual and group exercises • Blended learning |
| Competency Assessment | Final written exam (100%) |
| Mode of Repetition | Should a student fail the module, they have one more attempt. They may either: <ul style="list-style-type: none"> • Retake a written exam (100%) during the next resit examination session. • Repeat the entire module next time it is offered. |
| Format | Three times 4 teaching lessons distributed over 7 weeks |

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| Attendance | Not mandatory |
| Module Type | Compulsory-Elective |
| Timing of the Module | Spring Semester, Calendar Weeks 08 to 14 |
| Venue | Onsite Brückenstrasse 73, 3005 Bern |
| Literature | Literature will be provided before the start of the module via Moodle. |
| Language | English |
| Links to Other Modules | <ul style="list-style-type: none"> • MCCf013 Introduction to Circular Economy and Scientific Literature • MCCf046 Bridging Economics and Management • MCCf443 Impact Assessment |
| Last Update | April 2025 |