



Elective Subjects/ Semester 2,3 or 4:	
Title of the course	Green ICT
Coordinator of the course:	Iwona Maria WINDEKILDE
Objectives	<p><u>Students who complete the module:</u></p> <p>Knowledge</p> <ul style="list-style-type: none"> - Must be able to understand the concept of sustainability - Must be able to define the concept of Green ICT and be able to identify existing, new and emerging hardware, software and communication technologies for energy saving - Must have knowledge about various levels of ICT effects on the environment - Must have knowledge and understanding of □linked life cycles concept□ - Must have knowledge about the role of ICT in energy consumption and energy efficiency - Must have knowledge about methods for assessing the potential environmental impacts of ICT products and services <p>Skills</p> <ul style="list-style-type: none"> - Must be able to recognize the possible application area in which the deployment of ICT is expected to lead to better energy efficiency and to estimate their relative importance - Must be able to apply the green ICT strategies - Must be able to evaluate the rebound and induction effect within the ICT field - Must be able to determine which ICT products/services are relevant for inducing energy efficiency in other economic sectors - Must be able to judge the usefulness of the used different scientific methods for analysis of the ICT related energy efficient systems <p>Competencies</p> <ul style="list-style-type: none"> - Must have the competency to apply and integrate sustainability in an interdisciplinary way, considering user, technology and market aspects. - Must have the competency to independently define and analyse scientific problems within the area of Green ICT
Workload: ECTS	5 ECTS Credits

Important note

This syllabus describes the course as it was delivered in **Summer Semester 2016** Readers should note that courses of the DCLead programme are changed and adapted every year, also taking into consideration the feedback of the participants. This syllabus is for informational purposes only. The administration of the DCLead programme does not guarantee that the entirety of the information contained in this document clearly applies to any course that is delivered during another semester, also with the same title.