Modern society is growing increasingly digital. At the same time, it aims to be inclusive, to increase the quality of life, to tune and adapt for the need of different contexts, and last but not least, to decrease its environmental footprint as we learn how to best integrate, apply, and prioritize sustainability.

WHO SHOULD JOIN
This course will benefit Master and PhD students in Computer Science or related disciplines, Master and PhD students in fields where digitalization plays a significant role within the research or workload.
LEARNING OBJECTIVES
By the end of this course, participants will be able to:
• Understand the notion of sustainability and its impact over time
• Apply sustainability analysis to a concrete project, develop critical thinking skills
• Learn on how to quantify and qualify sustainability impacts and the role of design decisions in an inter-disciplinary context

COURSE CONTENT
This course covers the following aspects:
• Treatment of sustainability as a software quality property and define a method that helps make sustainability-driven design decisions
• Decision maps, i.e. views aimed at framing the architecture design concerns around four sustainability dimensions - technical, economic, social and environmental sustainability
• How to identify sustainability related concerns in inter-disciplinary projects, model them in ‘decision maps’ and reflect on the sustainability impact of decisions made during such projects with respect to the different sustainability dimensions

AMSTERDAM FACTS
• Capital of the Netherlands
• Safe and diverse
• 187 nationalities
• 93% of the Dutch speak English
• 881,000 bicycles, 40 parks and 165 canals

VRIJE UNIVERSITEIT AMSTERDAM
The Vrije Universiteit Amsterdam is an internationally renowned research university. Since its founding in 1880 interdisciplinary research has been leading in its education. VU Graduate Winter School offers a variety of intensive, trans-disciplinary short courses for Master students, PhD candidates and professionals. Join our winter programme and improve your research and communication skills. Expand your knowledge and learn to efficiently share it with others while earning study credits. All our small-scale courses are designed to give you an intensive and in-depth look into the subject. You will engage in cross-cultural discussions with a group of professionals from all over the world.

ADDITIONAL SERVICE
• Accommodation service
• Airport pick-up
• Orientation and social programme
• Support before, during, and after the programme
• Transcript of records after completing the course

APPLICATION DEADLINE
Enrollments open 1 June 2019 until 1 November 2019. Requirements differ per course. For more information on how to apply, please visit our website.

FEES AND DISCOUNTS
The tuition fee is €800 for a 1-week course. Early bird discount of €100 is available for anyone who applies before 15 September 2019. Students from partner universities receive a €100 discount. VU students and staff receive a €300 discount.

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