



DEPARTMENT OF APPLIED INFORMATION TECHNOLOGY

TIG121 Cognitive perspectives on human-technology interaction, 15 credits

Kognitiva perspektiv på människa-teknikinteraktion, 15 högskolepoäng

First Cycle

Reading list for TIG121, to be valid from autumn semester of 2023

Reading list was confirmed by Department of Applied Information Technology on 2023-09-05 to be valid from 2023-09-05.

See appendix.



TIG121 Kognitiva perspektiv på människa-teknikinteraktion, 15 högskolepoäng

Grund nivå / First-Cycle

Litteraturlista

Modul 1 & 3

Selected chapters: *Interaction design beyond Human-Computer Interaction*, 5th edition Helen Sharp, Yvonne Rogers, Jennifer Preece, 2019, John Wiley & Sons, Ltd

Selected chapters: Norman, D. A. (1988). *The psychology of everyday things*. Basic books.

Other recourses: Dam R.F., (Jun 2022) The 5 Stages in the Design Thinking Process

<https://www.interaction-design.org/literature/article/5-stages-in-the-design-thinking-process>

Modul 2

United Nations (2022) Sustainable development goals: leave no one behind

<https://unsdg.un.org/2030agenda/universal-values/leave-no-one-behind>

United Nations (2022) The SDGs in action <https://www.undp.org/sustainable-development-goals>

Young, B.H. (2021, April 3) I have one of the most advanced prosthetic arms in the world – and I hate it <https://www.inputmag.com/culture/cyborg-chic-bionic-prosthetic-arm-sucks>

Robb, N., Boyle, B., Politis, Y., Newbutt, N., Kuo, H. J., & Sung, C. (2021). Participatory technology design for autism and cognitive disabilities: A narrative overview of issues and techniques. *Recent Advances in Technologies for Inclusive Well-Being*, 469-485.

Mylonopoulou, V. (2020, March 7) A real person living in a world designed for unicorns

<https://www.vasilikimylo.com/post/a-real-person-living-in-a-world-designed-for-unicorns>

Mylonopoulou, V. (2020, December 5) Blind Spots pt.1: Designers

<https://www.vasilikimylo.com/post/blind-spots-pt-1-designers>

Berners-Lee, T. (2018) Accessibility <https://www.w3.org/standards/webdesign/accessibility>

Bhargava, R. (2018, January 3) The Algorithms Aren't Biased, We Are <https://medium.com/mitmedia-lab/the-algorithms-arent-biasedwe-are-a691f5f6f6f2>

Ferreira, B., Silva, W., Oliveira, E., & Conte, T. (2015, July). Designing Personas with Empathy Map. In *SEKE* (Vol. 152).

Kouprie, M., & Visser, F. S. (2009). A framework for empathy in design: stepping into and out of the user's life. *Journal of Engineering Design*, 20(5), 437-448.

Microsoft 2018 Inclusive 101 <https://www.microsoft.com/design/inclusive/>

Heinberg, R (2010). What is sustainability?. *The post carbon reader: Managing the 21st century's sustainability crises*, pp.11-19. Healdsburg, CA: Watershed Media.

2020 WWF Living planet report ([download from here](#))

St Matthew Island. (2011, February 9). <http://www.stuartmcmillen.com/comic/st-matthew-island/>

Strengers, Y. (2014). Smart energy in everyday life: are you designing for resource man?. *interactions*, 21(4), 24-31.

Ytterligare litteratur, i mindre omfattning, kan komma att läggas till. Om du har en läsnedsättning kan du vända dig till universitetsbiblioteket för att få tillgång till anpassad kurslitteratur. Anpassad kurslitteratur är till exempel talböcker, e-textbok eller punktskrift. Du intygar själv att läsförmågan är nedsatt. Myndigheten för tillgängliga medier läser in och producerar anpassad kurslitteratur. Det tar tid att producera anpassad kurslitteratur, därför är det viktigt att du tar kontakt med universitetsbiblioteket i god tid innan kursen. Du hittar mer information på bibliotekets hemsida www.ub.gu.se