

### Descriptions of the generic competences at Bachelor's level in Metropolia

| Learning competence                                                                                                                                                                                                                                                                                                                                                     | Ethical competence                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Working community competence                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Innovation competence                                                                                                                                                                                                                                                                                                                                                                                                                        | Multicultural competence                                                                                                                                                                                                                                                                                                                                                            | Technological competence                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>- lifelong learning skills: is able to describe, self-evaluate and develop one's skills and learning approaches and methods</li> <li>- is able to retrieve and analyse information and evaluate it critically.</li> <li>- is capable to take responsibility for collaborative learning and sharing knowledge in teams</li> </ul> | <ul style="list-style-type: none"> <li>- is able to take responsibility for one's actions and their consequences as well as to evaluate the effects of one's actions</li> <li>- is able to work according to the ethical principles of the subject field</li> <li>- is able to take other people into account in one's work</li> <li>- is able to apply the principles of equality</li> <li>- is able to take account of the effects of disparities in one's work</li> <li>- is able to apply the principles of sustainable development and understanding global responsibility of one's actions</li> <li>- is capable of contributing to social change by means of one's expertise and ethical values</li> </ul> | <ul style="list-style-type: none"> <li>- is able to operate as a member of a multidisciplinary work community, taking into account the diversity and promoting the wellbeing of the community</li> <li>- is able to communicate and interact in working life</li> <li>- is able to create personal working life connections and to operate in professional networks</li> <li>- is capable of making decisions in unexpected situations</li> <li>- is able to apply the principles of organisational management and leadership in working life, and work independently as an expert of one's field</li> <li>- is able to work as an entrepreneur</li> <li>- is able to work in a customer-oriented way</li> <li>- is able to adjust one's actions in reaching long-term objectives</li> </ul> | <ul style="list-style-type: none"> <li>- is capable of creative problem-solving and development of working methods</li> <li>- is able to work in projects</li> <li>- is able to conduct research, development and innovation projects, applying existing knowledge in the field, current phenomena and methods to find human-centred solutions</li> <li>- is able to find customer-oriented, sustainable and profitable solutions</li> </ul> | <ul style="list-style-type: none"> <li>- is able to work in a multicultural community and customer environment</li> <li>- is able to take into account the effects of and opportunities for global development and phenomena in one's field</li> <li>- possesses communicative competence necessary for one's work and for professional development in the subject field</li> </ul> | <ul style="list-style-type: none"> <li>- is able to utilise the opportunities provided by technology and digitalisation in one's profession</li> <li>- is able to recognise the effects of technological development on one's work and professional tasks</li> <li>- is able to participate in the development of technology used in one's field</li> </ul> |

### Sources

Auvinen, P., Heikkilä, J., Ilola, H., Kallioinen, O., Luopajarvi, T., Raji, K., & Roslöf, J. (2010). Suositus tutkintojen kansallisen viitekehyksen (NQF) ja tutkintojen yhteisten kompetenssien soveltamisesta ammattikorkeakouluissa. ARENE: Ammattikorkeakoulujen rehtorineuvosto. [http://www.arene.fi/wp-content/uploads/Raportit/2018/arene\\_nqf.pdf](http://www.arene.fi/wp-content/uploads/Raportit/2018/arene_nqf.pdf)

Maailman osaavimmaksi kansaksi. Opetus- ja kulttuuriministeriön tulevaisuuskatsaus 2018. Valtioneuvoston julkaisusarja 21/2018. <http://urn.fi/URN:ISBN:978-952-287-595-2>

Metropolian innovaatiokeskittymät. Verkkosivut <https://www.metropolia.fi/innovaatiokeskittymat/> (viitattu 31.5.2019)

[Users'Guide, E. C. T. S.](#) (2015). Luxembourg: Publications Office of the European Union. European Union.

Valtioneuvoston tulevaisuusselonteon 1. osa Jaettu ymmärrys työn murroksesta 8.6.2017. Valtioneuvoston kanslian julkaisusarja 13a/2017. <http://urn.fi/URN:ISBN:978-952-287-432-0>

Valtioneuvoston tulevaisuusselonteon 2. osa Ratkaisuja työn murroksessa 11.10.2018. Valtioneuvoston julkaisusarja 30/2018. <http://urn.fi/URN:ISBN:978-952-287-674-4>

[Valtioneuvoston asetus tutkintojen ja muiden osaamiskokonaisuuksien viitekehyksestä](#) 120/2017