The access and reproduction policies of the digital collections of 10 leading university digital libraries worldwide are classified according to factors such as the creation type of the material, acquisition method, copyright ownership etc. The relationship of these factors is analysed, showing how acquisition methods and copyright ownership affect the access and reproduction policies of digital collections. The article concludes with rules about which factors lead to specific policies. For example, when the library has the copyright of the material, reproduction for private use is usually provided free with a credit to the source or otherwise mostly under fair use provisions, but commercial reproduction needs written permission and fees are charged. Finally, common practice on access and reproduction policies are extracted and conventional policies are mapped onto digital policies.