

ICT for Health and Well-being

<i>Topic</i>	<i>Hours</i>
Introduction and motivation	2
Telemedicine, e-health and m-health	2
Biosignals: classification and main features, behavioral monitoring	4
Signal acquisition: sensors and acquisition architectures	6
Data analytics: classification, statistical techniques, machine learning techniques	6
Data protection and interoperability: concepts and main standards.	2
Healthcare systems organization	2
Laboratory: teamwork, aimed at multidisciplinary, user-centered design in health and Active and Healthy Ageing use-cases (supported by IBM Research).	24
Total hours	48