

Machine Learning and Data Transmission

The table below shows a suggested list of courses for a *M.Sc. graduation path* at the ICT Lab. This track has an emphasis on data transmission and machine learning¹.

Quartile-Timeslot	Course Code	Course Name	Course type	ECTs
Y1-Q1-A	5CTA0	Statistical signal processing	Core	5
Y1-Q1-B	2DME30	Complex analysis	Core	5
Y1-Q1-C	2DME20	Non-linear optimization	Core	5
Y1-Q1-E2	5CKF0	Research set-up	Prof. Dev.	2.5
Y1-Q2-A2	5SHA0	Photonic integrated devices	Elective	5
Y1-Q2-C2	5LPA0	Wireless communications	Elective	5
Y1-Q3-B1	5SSC0	Adaptive array signal processing	Specialization	5
Y1-Q3-B2	5SSD0	Bayesian machine learning and information processing	Specialization	5
Y1-Q3-D	5STA0	Optical fibre communication technology	Elective	5
Y1-Q3-E	5LSM0	Convolutional neural networks for computer vision	Elective	5
Y1-Q4	5CKB0	Tutoring and coaching	Prof. Dev.	2.5
Y1-Q4-A2	5LSL0	Machine learning for signal processing	Elective	5
Y1-Q4-D2	5LSK0	Digital wireless communication lab	Elective	5
Y2-Q1	5M815	Internship SPS	Graduation	15
Y2-Q2,Q3,Q4	5T845	Graduation project SPS	Graduation	45

Core, Professional development, Data transmission, Data processing, Graduation

Another good Machine Learning course in Q2 is 5LSH0: Computer vision and 3D image processing.

Contact



A. Alvarado
a.alvarado@tue.nl



A. Sheikh
a.sheikh@tue.nl



A. Barreiro
a.barreiro.berrio@tue.nl

¹This path was created and followed by R.M. Butler r.m.butler@student.tue.nl.