

**Double degree programme Technical Computer Science and Applied Mathematics  
2016-2017**

**first year**

Quartile 1	21 EC
commonly: <i>Math A</i>	1,5 EC
module 1 AM: <i>Linear Structures</i>	6 EC
module 1 TCS: <i>Math B1</i>	2,5 EC
<i>Pearls</i>	8 EC
<i>Project TCS</i>	3 EC

Quartile 2	21 EC
module 2 AM: <i>Lin.Struc II</i> <i>Analysis I</i> <i>Project: prooflab</i>	10 EC
module 2 TCS: <i>Math B2</i>	3 EC
<i>Programming</i> <i>theory and project</i>	8 EC

Quartile 3	20 EC
module 3 AM: <i>Signals and Transf.</i>	5 EC
<i>part of Probability Theory</i>	3 EC
module 3 TCS: <i>Network Systems</i> <i>(excl Math C1)</i>	12 EC

Quartile 4	20 EC
module 4 AM: <i>Vector Calculus</i>	5 EC
module 3 AM <i>Probability Theory</i>	2 EC
module 4 TCS: <i>Data &amp; Information</i> <i>excl. Prob. Th</i>	12 EC
<i>deficiency from mod 2</i>	1 EC

**second year**

Quartile 1	20 EC
module 5 TW: <i>Statistics</i>	5 EC
module 5 TI: <i>Computer Systems</i>	15 EC

Quartile 2	20
module 6 TW: <i>Differential Equations</i> <i>System theory</i>	8 EC
module 6 TI: <i>Intelligent Interaction</i> <i>Design (excl Statistics)</i>	12 EC

Quartile 3	21 EC
commonly: <i>Discrete Structures &amp;</i> <i>Efficient Algoritm</i>	15 EC
from mod 3 AM <i>Project</i> <i>(incl intro Math. Mod.)</i>	6 EC

Quartile 4	15 EC
module 8 TW: <i>Modelling and Analysis</i> <i>of stochastic processes</i> <i>for Math</i>	15 EC

**third year**

Quartile 1	10 EC
module 5 TW: <i>Analysis II</i> <i>Project</i> <i>Presentations</i>	10 EC

Quartile 2	15 EC
<i>minor</i>	15 EC

Quartile 3	15 - 20 EC
<i>pregraduation period</i>	

Quartile 4	15 - 20 EC
<i>pregraduation period</i>	

**Total volume of this programme:**  
between 213 EC and 223 EC