**AANMELDINGSFORMULIER VAKKENPAKKET**

**Dubbel Bachelor programma AM-TN generatie 2021**

Achternaam :

Voornamen voluit :

Geboortedatum :

Geboorteplaats :

Studentnummer :

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| Modulecode | Naam | EC |
| *First year (B1)* |  |  |
| **Quartile 01** |  |  |
| 202100094 | Dynamics and Relativity |  4.5 |
| 202001214 | Calculus I en Prooflab I |  4,0 |
| 202001325 | Linear Structures I |  6,0 |
| 202100095 | Experimenteren 1 |  2.0 |
| 202000674 | Programming en Dataprocessing 1 |  2.0 |
| 202000675 | Project: Dynamics and Relativity |  2.5 |
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| **Quartile 02** |  |  |
| 202000677 | Thermodynamica |  4,0 |
| 202001223 | Calculus II |  4,0 |
| 202001330 | Linear Structures II |  3,0 |
| 202001329 | Analysis I |  3,0 |
| 202001331 | Linear Optimization |  3,0 |
| 202000679 | Programmeren en Dataverwerking 2 |  1,0 |
| 202001332 | Project: Prooflab II |  2,0 |
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| **Quartile 03** |  |  |
| 202000682 | Elektriciteit en Magnetisme |  5,0 |
| 202001229 | Vector Calculus |  2,0 |
| 202000683 | Instrumentatie |  4,0 |
| 202000684 | Analytisch Programmeren |  1,0 |
| 202001339 | Presenting a Mathematical Subject |  2,0 |
| 202001338 | Prooflab III |  1,0 |
| 202000685 | Project: Electromagnetisme en Meten |  3,0 |
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| **Quartile 04** |  |  |
| 202000687 | Quantum Materie |  5,0 |
| 202001343 | Signals and Transforms |  5,0 |
| 202001344 | Probability Theory |  5,0 |
| 202001345 | Project: Signals and Uncertainty |  5,0 |

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| *Second year (B2)* |  |  |
| **Quartile 05** |  |  |
| 202001348 | Mathematical Statistics |  6,0 |
| 202001350 | Analysis II |  5,0 |
| 202001435 | Models |  4,5 |
| 202001351 | Prooflab Revisited: Diversity in Cultures |  2,0 |
| 202000693 | Project: Signals, Models and Systems |  3,0 |
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| **Quartile 06** |  |  |
| 202200094 | Quantum Mechanics 1 |  5,0 |
| 202001354 | Ordinary Differential Equations |  4,0 |
| 202001355 | Systems Theory |  4,0 |
| 202001356 | Nummerical Mathematics |  4,0 |
| 202001357 | Project Dynamical Systems |  3,0 |
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| **Quartile 07** |  |  |
| 202000701 | Introduction Solid State Physics |  7,0 |
| 202001364 | Discrete Mathematics and Algebra |  6,0 |
| 202000702 | Statistical Physics |  6,0 |
| 202000703 | Partial Differential Equations |  2,0 |
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| **Quartile 08** |  |  |
| 202000705 | Fluid Physics |  7,0 |
| 202200336 | Markov Chains  |  4,0 |
| 202000706 | Elektrodynamics |  6,0 |
| 202000707 | Numerical Methods for PDV |  2,0 |

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| *Third year (B3)* |  |
| **Quartile 09** |  |
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| **Quartile 10 (17 EC)** |  |
| 202001485 | Optics Theory |  4,5 |
| 202300063 | Optics Practicals  |  2,5 |
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| **Free electives (10 EC)** |  |
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| **Quartile 11 Orientation (15 EC)** |  |
| 202001373 | Reflection on Mathematical Research I |  5,0 |
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| **Quartile 12 Graduation**  |  |
| 201500405 | Complex Function Theory |  3,0 |
| 202001380 | Reflection on Mathematical Research II |  2,0 |
| 202001433 | Bachelor’s assignment AM-TN | 15,0 |
| **Totaal**  |       |
| Extra courses:                |                 |                 |

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| **Signatures for approval of the course list** |
| StudentName:      Date:       | Secretary BEX AMName:      Date:       | Secretary BEX TNName: dr. K. SotthewesDate:       |