Mathematics - quarter 1

**Year 1**

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| **Code** | **Course** | **Book** | **Price** | **Price bol.com** |
| AM1010 | Mathematical Structures | Analysis with an Introduction to Proof | € 64,34,- | -- |
| AM1030 | Linear Algebra 1 | Linear Algebra | € 96,09,- | -- |

**Year 2**

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| **Code** | **Course** | **Book** | **Price** | **Price bol.com** |
| AM2010 | Linear Algebra 2 | Applied Linear Algebra: The Coupling Principles, Second Edition | € 71,64,- | € 107,99,- |
| AM2080 | Introduction to Statistics | An Introduction to Mathematical Statistics | € 31,49,- | € 37,99,- |
| AM2090 | Real Analysis | Real Analysis | € 49,74,- | € 55,96,- |

**Year 2**

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| **Code** | **Course** | **Book** | **Price** | **Price bol.com** |
| AM3520 | Logic | Introduction to Mathematical Logic | € 86,30,- | € 97,09,- |

**MASTER [Not yet up to date]**

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| **Code** | **Course** | **Book** | **Price** | **Price bol.com** |
| WI4227-14 | Discrete Optimisation | Combinatorial Optimization | € 159,32,- | € 169,99,- |
| WI4465 | Advanced Topics in Probability | Large deviations | € 58,04,- | € 68,87,- |
| WI4515 | Relaxations and Heuristics | Integer Programming, Wiley, 1998 | € 58,90,- | € 109,89,- |

Minors

**MINOR (MATHEMATICS AND) FINANCE [Not yet up to date]**

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| **Code** | **Course** | **Book** | **Price** | **Price bol.com** |
| WI3405TU | Option Valuation Methods | An introduction to financial option valuation mathematics | € 43,53,-  | € 60,50,- |
| WI3418TU | Principles of Asset Trading | Principles of Corporate Finance | € 77,08,- | € 78,99,- |
| WI3417TU | Introduction to Mathematical Finance | Stochastic Calculus for Finance I | € 51,86,- | € 57,85,- |

**MINOR COMPUTATIONAL SCIENCE AND ENGINEERING [Not yet up to date]**

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| **Code** | **Course** | **Book** | **Price** | **Price bol.com** |
| TW3710TU | Scientific Programming | Writing Scientific Software- A Guide to Good Style | € 42,47,- | € 57,99,- |
| TW3740TU | Parallel Computing | Parallel Programming for Multicore en Cluster Systems |  € 56,58,- | € 63,66,- |

Computer Science - quarter 1

**year 1**

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| **Code** | **Course** | **Book** | **Price** | **Price bol.com** |
| CSE1100 | Object Oriented Programming (OOP)  | Java in Two Semesters | € 61,62,- | € 69,60,- |
| CSE1400 | Computer Organization | Computer Organization and Embedded Systems | € 48,00,- | € 58,99,- |

**year 2**

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| **Code** | **Course** | **Book** | **Price** | **Price bol.com** |
| CSE2220 | Signal Processing | Digital Signal Processing First | € 66,16,- | € 69,99,- |
| CSE2420 | Digital Systems | Digital Design and Computer Architecture | € 64,39,- | € 58,79,- |

**MASTER COMPUTER SCIENCE [Not yet up to date]**

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| **Code** | **Course** | **Book** | **Price** | **Price bol.com** |
| CS4070 | Multivariate Data Analyse | Applied Regression Analysis and Generalized Linear Models, 3rd edition | € 93,46,- | € 98,11,- |
| CS4165 | Seminar Social Signal Processing | Social Signal Processing | € 74,34,- | € 91,99,- |
| CS4215 | Quantitative Performance Evaluation for Computing Systems | Performance Modeling and Design of Computer Systems: Queuing Theory in Action | € 69,03,- | € 80,99,- |
| CS4215 | Quantitative Performance Evaluation for Computing Systems | The Art of Computer Systems Performance Analysis: Techniques for Experimental Design, Measurement, Simulation, and Modeling | € 90,28,- | € 93,99,- |
| IN4010(-12) | Artificial Intelligence Techniques | Artificial Intelligence: A Modern Approach. 3rd Edition. Prentice-Hall. | € 58,90,- | € 65,77,- |
| IN4301 | Advanced Algorithms | Algorithmic Design | € 71,60,- | € 81,99,- |
| IN4387 | System Validation | Modeling and Analysis of Communicating | € 45,67,- | € 56,50,- |