

| Dersin Kodu | Dersin Adı   | Öğretim Üyesi  |
|-------------|--|--|
| IAM 500     | M.S. Thesis  |  |
| IAM 502     | Stream Ciphers   | Burcu Ecem Karakaş   |
| IAM 504     | Public Key Cryptography  | Oğuz Yayla   |
| IAM 512     | Block Ciphers  | Buket Özkaya   |
| IAM 520     | Financial Derivatives  | Seza Danişoğlu   |
| IAM 521     | Financial Management   | Mehmet Uzunkaya  |
| IAM 522     | Stochastic Calculus for Finance                                  | Devin Sezer  |
| IAM 524     | Financial Economics  | Esmâ Gaygısız  |
| IAM 527     | Advanced Calculus and Integration                                | Oğuz Koç   |
| IAM 529     | Applied Nonlinear Dynamics                                       | Ömür Uğur  |
| IAM 530     | Elements of Statistics and Probability                           | Özenç M.Mert   |
| IAM 541     | Probability Theory   | Sinem Kozpınar   |
| IAM 546     | Actuarial Risk Theory  | Büşra Z. Temoçin   |
| IAM 557     | Statistical Learning and Simulation                              | Ömür Uğur  |
| IAM 561     | Introduction to Scientific Computing I                           | Önder Türk   |
| IAM 562     | Introduction to Scientific Computing II                          | Hamdullah Yücel  |
| IAM 582     | Life Insurance Mathematics                                       | Bükre Yıldırım Külekci   |
| IAM 583     | Pension Fund Mathematics   | Bükre Yıldırım Külekci   |
| IAM 589     | Term Project   | (01) Ömür Uğur<br>(02) Önder Türk<br>(03) Sevtap Kestel<br>(04) Oğuz Yayla<br>(05) Ali Devin Sezer<br>(06) Buket Özkaya<br>(07) Büşra Z. Temoçin<br>(08) Alev Atak<br>(09) Ozan Tuğluk<br>(10) Bükre Yıldırım Külekci<br>(11) Seza Danişoğlu<br>(12) Esmâ Gaygısız |
| IAM 590     | Graduate Seminar   | Sevtap Kestel  |
| IAM 592     | Programming Techniques in Applied Mathematics II                 | Ömür Uğur  |
| IAM 600     | Ph.D. Thesis   |  |
| IAM 602     | Algebraic Geometric Codes  | Buket Özkaya   |
| IAM 690     | Graduate Seminar for PhD Students                                | Sevtap Kestel  |
| IAM 698     | Research Methods and Ethics                                      | Büşra Z. Temoçin   |
| IAM 703     | Special Topics in Cryptography                                   | Oğuz Yayla   |
| IAM 715     | Special Topics: Cryptography and Coding Theory                   | Buket Özkaya   |
| IAM 718     | Special Topics: Block Cipher Cryptanalysis                       | Murat B. İler  |
| IAM 751     | Special Topics: Financial Mathematics of Market Liquidity        | Devin Sezer  |
| IAM 758     | Financial Econometrics, Data Science and Machine Learning        | Alev Atak  |
| IAM 761     | Special Topics: Networks and Graphs                              | Ozan Tuğluk  |
| IAM 763     | Special Topics: Numerical Simulation in Fluid Dynamics           | Ozan Tuğluk  |
| IAM 767     | Iterative Methods for Large Scale Linear and Nonlinear Equations | Önder Türk   |
| IAM 771     | Special Topics: Optimization Methods for Machine Learning        | Hamdullah Yücel  |
| IAM 772     | Fundamentals of Machine Learning Algorithms                      | Önder Türk   |
| IAM 801     | Special Studies  | Sevtap Kestel  |
| IAM 802     | Special Studies  | Hamdullah Yücel  |
| IAM 803     | Special Studies  | Ozan Tuğluk  |
| IAM 804     | Special Studies  | Bükre Yıldırım Külekci   |
| IAM 805     | Special Studies  | Buket Özkaya   |
| IAM 806     | Special Studies  | Büşra Z. Temoçin   |
| IAM 808     | Special Studies  | M. Bilge Demirköz  |
| IAM 809     | Special Studies  | Ömür Uğur  |
| IAM 810     | Special Studies  | A. Devin Sezer   |
| IAM 812     | Special Studies  | Esmâ Gaygısız  |
| IAM 814     | Special Studies  | Alev Atak  |
| IAM 815     | Special Studies  | Murat Temiz  |
| IAM 816     | Special Studies  | Seza Danişoğlu   |
| IAM 818     | Special Studies  | Oğuz Yayla   |
| IAM 819     | Special Studies  | Önder Türk   |
| IAM 820     | Special Studies  | İlkay Şendeniz Yüncü   |
| IAM 901     | Advanced Studies   | Sevtap Kestel  |
| IAM 902     | Advanced Studies   | Hamdullah Yücel  |
| IAM 903     | Special Studies  | Ozan Tuğluk  |
| IAM 904     | Special Studies  | Bükre Yıldırım Külekci   |
| IAM 905     | Advanced Studies   | Buket Özkaya   |
| IAM 906     | Advanced Studies   | Büşra Z. Temoçin   |
| IAM 909     | Advanced Studies   | Ömür Uğur  |
| IAM 910     | Advanced Studies   | A. Devin Sezer   |
| IAM 913     | Advanced Studies   | Murat Manguoğlu  |
| IAM 917     | Advanced Studies   | Ceylan Yozgatlıgil   |
| IAM 918     | Advanced Studies   | Oğuz Yayla   |

|         |                  |                   |
|---------|------------------|-------------------|
| IAM 919 | Advanced Studies | Önder Türk        |
| IAM 920 | Advanced Studies | Ahmed Hareedy     |
| IAM 921 | Advanced Studies | Ceren Vardar Acar |