

**2020–2021 II. Dönem**

| Dersin Kodu | Dersin Adı   | Öğretim Üyesi   |
|-------------|--|---|
| IAM 500     | M.S. Thesis  |   |
| IAM 502     | Stream Ciphers   | Muhiddin Uğuz   |
| IAM 504     | Public Key Cryptography  | Murat Cenk  |
| IAM 512     | Block Ciphers  | Ali Doğanaksoy  |
| IAM 518     | Basic Mathematics for Cryptography II  | Oğuz Yayla  |
| IAM 520     | Financial Derivatives  | Seza Danişoğlu  |
| IAM 522     | Stochastic Calculus for Finance  | Devin Sezer   |
| IAM 524     | Financial Economics  | Esmâ Gaygısız   |
| IAM 527     | Advanced Calculus and Integration  | Devin Sezer   |
| IAM 546     | Actuarial Risk Theory  | Sevtap Kestel   |
| IAM 562     | Introduction to Scientific Computing II  | Önder Türk  |
| IAM 572     | Finite Element Methods for Partial Differential Equations: Theory and Applications | Hamdullah Yücel   |
| IAM 582     | Life Insurance Mathematics   | Sevtap Kestel   |
| IAM 589     | Term Project   | (01) Ömür Uğur<br>(02) Hamdullah Yücel<br>(03) Ferruh Özbudak<br>(04) Sevtap Kestel<br>(05) Murat Cenk<br>(06) Seza Danişoğlu<br>(07) Ali Devin Sezer |
| IAM 590     | Graduate Seminar   | Murat Cenk  |
| IAM 592     | Programming Techniques in Applied Mathematics II                                   | Ömür Uğur   |
| IAM 600     | Ph.D. Thesis   |   |
| IAM 614     | Methods of Computational Finance   | Ömür Uğur   |
| IAM 690     | Graduate Seminar for PhD Students  | Murat Cenk  |
| IAM 698     | Research Methods and Ethics  | Murat Cenk  |
| IAM 717     | Cryptological Characteristics of Boolean Function and S-Boxes                      | Ferruh Özbudak  |
| IAM 730     | Special Topics: Quantum Information Theory   | Yurdahan Güler  |
| IAM 737     | Special Topics: Post-quantum Cryptography  | Oğuz Yayla  |
| IAM 767     | Special Topics: Iteration Method for Linear and Nonlinear Systems                  | Önder Türk  |
| IAM 771     | Special Topics: Optimization Methods for Machine Learning                          | Hamdullah Yücel   |

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|---------|------------------|---------------------------|
| IAM 801 | Special Studies  | Sevtap Kestel             |
| IAM 802 | Special Studies  | Hamdullah Yücel           |
| IAM 803 | Special Studies  | Adil Oran                 |
| IAM 804 | Special Studies  | Murat Cenk                |
| IAM 805 | Special Studies  | Berna Burçak Başbuğ Erkan |
| IAM 807 | Special Studies  | Ali Doğanaksoy            |
| IAM 808 | Special Studies  | Vilda Purutçuoğlu Gazi    |
| IAM 809 | Special Studies  | Ömür Uğur                 |
| IAM 810 | Special Studies  | A. Devin Sezer            |
| IAM 811 | Special Studies  | Ferruh Özbudak            |
| IAM 812 | Special Studies  | Esmâ Gaygısız             |
| IAM 813 | Special Studies  | Seza Danışoğlu            |
| IAM 814 | Special Studies  | Songül Kaya Merdan        |
| IAM 815 | Special Studies  | Murat Manguoğlu           |
| IAM 816 | Special Studies  | Şeyda Ertekin Boelleli    |
| IAM 817 | Special Studies  | Ceylan Yozgatlıgil        |
| IAM 818 | Special Studies  | Oğuz Yayla                |
| IAM 819 | Special Studies  | Önder Türk                |
| IAM 820 | Special Studies  | Ercan Gürses              |
| IAM 901 | Advanced Studies | Sevtap Kestel             |
| IAM 902 | Advanced Studies | Hamdullah Yücel           |
| IAM 904 | Advanced Studies | Murat Cenk                |
| IAM 905 | Advanced Studies | Ersan Akyıldız            |
| IAM 906 | Advanced Studies | Bülent Karasözen          |
| IAM 907 | Advanced Studies | Ali Doğanaksoy            |
| IAM 908 | Advanced Studies | Vilda Purutçuoğlu Gazi    |
| IAM 909 | Advanced Studies | Ömür Uğur                 |
| IAM 910 | Advanced Studies | A. Devin Sezer            |
| IAM 911 | Advanced Studies | Ferruh Özbudak            |
| IAM 912 | Advanced Studies | Esmâ Gaygısız             |
| IAM 918 | Advanced Studies | Oğuz Yayla                |
| IAM 919 | Advanced Studies | Önder Türk                |