

DEPARTMENT OF MATHEMATICS AND STATISTICS
TENTATIVE TIMETABLE
FALL/WINTER 2019-2020

(EECS) Computer Science (ESSE) Earth and Atmospheric Science (PHYS) Physics

Note: Parentheses around a section letter indicate that the section will be opened only if there is a demand. * denotes Course Co

Note: Instructors and locations are tentative and subject to change. Please check the timetable outside of N519 Ross for final loc

| <u>COURSE</u> | <u>TITLE</u> | <u>TIME</u> | <u>INSTRUCTOR</u> |
|---------------|--|-----------------|-------------------|
| 1013 3.00 | AF Applied Calculus I | MWF 9:30 | Skelton, A* |
| | BF | MWF 9:30 | Theodorescu, E. |
| | CF | MWF 9:30 | Champredon, D. |
| | DF | T/R 1:00 - 2:30 | Poliakov |
| | EF | MWF 9:30 | Poliakov |
| | (FF) | MWF 9:30 | Back-up |
| 1013 3.00 | MW Applied Calculus I | MWF 9:30 | Cao, X. |
| | NW | MWF 9:30 | Purzitsky, N |
| 1014 3.00 | AF Applied Calculus II | MWF 9:30 | Michkine, V. |
| | BF | MWF 9:30 | Garcia, S. |
| 1014 3.00 | MW Applied Calculus II | MWF 9:30 | Skelton, A* |
| | NW | MWF 9:30 | Grigull, J. |
| | OW | MWF 9:30 | Zhan, Hanmeng |
| | PW | T/R 1:00 - 2:30 | Poliakov |
| | QW | MWF 9:30 | Poliakov |
| 1019 3.00 | Discrete Mathematics for Computer Science (EECS) | | |
| | AF | T/R 5:30 - 7 | |
| | BF | T/R 11:30-1 | Chen, William |
| | (CF) | T/R 5:30-7 | Back-up |
| 1019 3.00 | MW Discrete Mathematics for Computer Science | T/R 10 - 11:30 | Machacek, J |
| | NW | T/R 11:30 - 1 | Raguimov, I |
| 1021 3.00 | AF Linear Algebra I | T/R 10 - 11:30 | Athar, S. |
| | BF | T/R 2:30 - 4 | Mahacek, J |
| 1021 3.00 | MW Linear Algebra I | T/R 2:30 - 4 | Weiss, A. |
| 1025 3.00 | AF Applied Linear Algebra | MWF 1:30 | Gao, Y.* |
| | BF | MWF 3:30 | Paulo Perrone |
| | CF | MWF 1:30 | Zhu, Hm |
| | DF | MWF 1:30 | |
| 1025 3.00 | MW Applied Linear Algebra | MWF 1:30 | Gao, Y.* |
| | NW | MWF 3:30 | Kong, J. |
| | (OW) | MWF 1:30 | Back-up |

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|-----------|------|---|--|-----------------|
| 1028 3.00 | MW | Discrete Math for Engineering (EECS) | MWF 1:30 TU 01 M 2:30 TU 02 M 7:30 TU 03 F 2:30 TU 04 F 2:30 | |
| 1090 3.00 | AF | Introduction to Logic for Computer Science (EECS) | M/W 2:30 | |
| | BF | Introduction to Logic for Computer Science (EECS) | T/R 10:00 | |
| 1090 3.00 | MW | Introduction to Logic for Computer Science | T 7 - 10 | Michkine, V. |
| 1131 3.00 | AF | Introduction to Statistics I | MWF 1:30 | Jankowski, H. |
| | BF | | W 7 - 10 | Michkine V. |
| 1131 3.00 | MW | Introduction to Statistics I | T/R 8:30-10 | |
| | (NW) | | W 7 - 10 | Back-up |
| 1190 3.00 | AF | Introduction to Sets and Logic | MWF 1:30 | |
| | BF | | R 7 - 10 | Raguimov, I . |
| 1190 3.00 | MW | Introduction to Sets and Logic | MWF 11:30 | Antonio Montero |
| | (NW) | | MWF 1:30 | Back-up |
| 1200 3.00 | AF | Problems, Conjectures and Proofs | T/R 10 - 11:30 | Zabrocki, M.* |
| | | | TU 01 W 10:30 | |
| | | | TU 02 W 10:30 | |
| | | | TU 03 W 10:30 | Back-up |
| | BF | | M/W 5:30 - 7 | May, N. |
| | | | TU 01 M 7:15 | |
| | | | TU 02 M 7:15 | |
| | | | TU 03 M 7:15 | Back-up |
| | CF | | T/R 1 - 2:30 | McEachern, A. |
| | | | TU 01 F 10:30 | |
| | | | TU 02 F 10:30 | |
| | | | TU 03 F 10:30 | Back-up |
| 1200 3.00 | MW | | T/R 10 - 11:30 | Zabrocki, M. * |
| | | | TU 01 W 10:30 | |
| | | | TU 02 W 10:30 | |
| | | | TU 03 W 10:30 | Back-up |
| | NW | | M/W 5:30 - 7 | Madras, N. |
| | | | TU 01 M 7:15 | |
| | | | TU 02 M 7:15 | |
| | | | TU 03 M 7:15 | Back-up |
| | (OW) | | T/R 1 - 2:30 | Back-up |
| | | | TU 01 F 10:30 | |
| | | | TU 02 F 10:30 | |
| | | | TU 03 F 10:30 | Back-up |

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| 1300 3.00 | AF | Differential Calculus with Applications | MWF 8:30 | Pietrowski, A. Liang, D. Michkine Liang, D. Chow, A. Grigull Steprans, J* Grigull |
| | BF | | TU M 12:30 | |
| | CF | | T 7 - 10 | |
| | DF | | TU T 6:00 MWF 8:30 TU M 12:30 T/R 11:30 - 1 TU T 4:00 | |
| 1300 3.00 | MW | Differential Calculus with Applications | T/R 11:30 - 1 | Troyka, J. Zhu, H. Steprans, J Ingram |
| | NW | | TU T 4:00 T/R 4 - 5:30 TU T 6:00 | |
| 1310 3.00 | AF | Integral Calculus with Applications | T/R 8:30 - 10 | Steprans, J Skoufranis Troyka, J. Ingram |
| | BF | | TU R 11:30 T/R 8:30 - 10 TU T 11:30 | |
| 1310 3.00 | MW | Integral Calculus with Applications | MWF 9:30 | Efendiev Moghadas Georgios Katsimpas Ingram Steprans, J* Skoufranis Back-up Back-up |
| | NW | | TU M 12:30 | |
| | OW | | T 7 - 10 | |
| | (PW) | | TU T 6:00 T/R 11:30 - 1 TU T 4:00 MWF 8:30 TU M 1:30 | |
| | | | | |
| 1505 6.00 | AY | Mathematics for Life and Social Sciences | MWF 10:30 | Chow, A* Pietrowski, A Purzitsky, N Chow, A Purzitsky, N Poliakov Raguimov, I. McEachern, A. |
| | BY | | MWF 10:30 | |
| | CY | | MWF 10:30 | |
| | DY | | MWF 11:30 | |
| | EY | | T/R 2:30 - 4 | |
| | FY | | T/R 5:30 - 7 | |
| | GY | | T 7 - 10 | |
| | HY | | MWF 9:30 | |
| 1510 6.00 | AY | Fundamentals of Mathematics | MWF 12:30 | Pietrowski, A* Chawla, J. McEachern, A. Back-up |
| | BY | | W 7 - 10 | |
| | CY | | T/R 8:30 - 10 | |
| | DY | | MWF 9:30 | |
| | (EY) | | MWF 10:30 | |
| 1520 3.00 | AF | Introduction to Calculus with Vectors | T/R 11:30 - 1 | Weiss, A. Back-up |
| | (BF) | | T/R 11:30 - 1 | |
| 1520 3.00 | MW | Introduction to Calculus with Vectors | T/R 11:30 - 1 | Weiss, A. |

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| 1532 3.00 | AF | Statistics for Business and Society | T/R 10 - 11:30 | Wu, Y. |
| 1532 3.00 | MW | Statistics for Business and Society | T/R 10 - 11:30 | Wu, Y. |
| 1550 6.00 | AY | Mathematics with Management Applications | T/R 4 - 5:30 | Raguimov, I. |
| 1581 3.00 | AF | Business Mathematics I | R 7 - 10 | |
| 1581 3.00 | MW | Business Mathematics I | MWF 8:30 | Michkine, V. |
| 2001 3.00 | AF | Real Analysis I | T/R 4:00 - 5:30 | Szeptycki, P. |
| 2015 3.00 | AF BF CF | Applied Multivariate and Vector Calculus | MWF 10:30 MWF 10:30 MWF 10:30 | Michkine, V Wong, M.W.* |
| 2015 3.00 | MW | Applied Multivariate and Vector Calculus | MWF 10:30 | Moyles, I. |
| 2022 3.0 | AF | Linear Algebra II | T/R 2:30-4 | Sulzgruber, |
| 2022 3.00 | MW | Linear Algebra II | T/R 2:30 - 4 | Skoufranis, P |
| 2030 3.00 | AF BF | Elementary Probability | T 7 - 10 MWF 8:30 | Grigull, J |
| 2030 3.00 | MW (NW) | Elementary Probability | MWF 8:30 T 7-10 | van Rensburg, B. Back-up |
| 2041 3.00 | AF | Symbolic Computation Laboratory I | T/R 11:30 - 1 | Peyghami, M. Reza |
| 2131 3.00 | MW | Introduction to Statistics II | MWF 11:30 | Wang, S. |
| 2200 3.00 | MW | Extended Problems, Conjectures and Proofs | MW 3:30-5 TU 01 M 5:30 TU 02 M 5:30 TU 03 M 5:30 | McEachern, A. Back-up |
| 2270 3.00 | MW | Differential Equations | MWF 2:30 | Moyles, I. |
| 2271 3.00 | AF | Differential Equations for Scientists and Engineers | MWF 12:30 | Gold, N. |
| 2271 3.00 | MW | Differential Equations for Scientists and Engineers | MWF 10:30 | Su, Q. |
| 2280 3.00 | AF | The Mathematical Theory of Interest | MWF 1:30 | |
| 2281 3.00 | MW | Financial Economics | MWF 9:30 | |

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| 2310 | 3.00 | AF | Introductory Calculus of Several Variables with Applications | MWF 12:30 | |
| 2565 | 3.00 | AF (BF) | Introduction to Applied Statistics | MWF 12:30 MWF 9:30 | Fu, C. Back-up |
| 2565 | 3.00 | MW (NW) | Introduction to Applied Statistics | T/R 10 -11:30 MWF 9:30 | Liu, W. Back-up |
| 2930 | 3.00 | AF | Engineering Statistics | MWF 8:30 TU01 T 6:00 TU02 T 6:00 TU03 T 6:00 | Peskun, P.* |
| | | BF | | MWF 8:30 TU01 M 4:30 TU02 M 4:30 TU03 M 4:30 | Liu, W. |
| 2930 | 3.00 | MW | Engineering Statistics | MWF 8:30 TU01 M 9:30 TU02 M 9:30 TU03 M 9:30 | Chow, A. |
| 3001 | 3.00 | MW | Real Analysis II | T/R 4 - 5:30 | Gibson, P. |
| 3010 | 3.00 | AF | Vector Integral Calculus | MWF 10:30 | Skelton, A |
| 3021 | 3.00 | AF | Algebra I | MWF 9:30 | Gao, Y. |
| 3022 | 3.00 | MW | Algebra II | MWF 9:30 | Gao, Y. |
| 3052 | 6.00 | AY | Exploring Geometries | W 6 - 9 | Nika, V. |
| 3090 | 3.00 | AF | Computational Mathematics | MWF 11:30 | Moghadas, S. |
| 3131 | 3.00 | AF | Mathematical Statistics I | T/R 11:30 - 1 | Steven Wang |
| 3132 | 3.00 | MW | Mathematical Statistics II | T/R 11:30 - 1 | Fu, C. |
| 3141 | 3.00 | AF | Introduction to Number Theory | 10-11:30 | Kuznetsov, A. |
| 3171 | 3.00 | AF | Linear Optimization | T/R 10 - 11:30 | Tanny, D. |
| 3172 | 3.00 | MW | Combinatorial Optimization | T/R 10 - 11:30 | Chen, M. |
| 3241 | 3.00 | AF | Numerical Methods I | T/R 1 - 2:30 | Liang, D. |
| 3242 | 3.00 | MW | Numerical Methods II | MWF 10:30 | Liang, D. |

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|-------|------|----|---|-----------------------|-------------------------|
| 3250 | 3.00 | MW | Mathematical Biology | MWF 12:30 | Heffernan, J. |
| 3260 | 3.00 | MW | Graph Theory | T/R 2:30 - 4 | Farah, I. |
| 3271 | 3.00 | AF | Partial Differential Equations | MWF 2:30 | Wong, MW |
| 3280 | 3.00 | AF | Mathematics of Life Contingency I | MWF 1:30 TU M 4:30 | Furman, E. Furman, E |
| 3281 | 3.00 | MW | Mathematics of Life Contingency II | MWF 1:30 TU M 4:30 | Furman, E. Furman, E |
| 3330 | 3.00 | AF | Regression Analysis | MWF 9:30 TU M 3:30 | |
| 3333 | 3.0 | MW | Data Analytics: A Hands-on Approach | T/R 1-2:30 | Gao, X |
| 3410 | 3.00 | MW | Complex Variables | T/R 1 - 2:30 | Wong, MW |
| 3430 | 3.00 | MW | Sample Survey Design | T/R 2:30 - 4 | Peskun, P. |
| 4011 | 3.00 | AF | Analysis III | T/R 10-11:30 | Skoufranis, P |
| 4021 | 3.00 | AF | Algebra III | T/R 11:30 - 1:00 | Bergeron, N. |
| 4090 | 3.00 | MW | Mathematical Modelling | MWF 11:30 | Grigull, J. |
| 4100A | 3.00 | MW | Topics in Mathematics Education | M 11:30 - 2:30 | Skelton, A. |
| 4120 | 3.00 | AF | Gas and Fluid Dynamics (PHYS) | T / R 11:30 - 1 | Moyles, I. |
| 4130B | 3.00 | AF | Topics in Probability and Statistics: Time Series (integrated with GS/MATH 6633) | T/R 1 - 2:30 | Wong, A. |
| 4141 | 3.00 | AF | Advanced Numerical Methods (integrated with GS/MATH 6651) | T/R 2:30 - 4 | Liang, D. |
| 4143 | 3.00 | AF | Scientific Computation for Financial Applications | MWF 12:30 | Zhu, Hm. |
| 4160 | 3.00 | AF | Combinatorial Mathematics | T/R 2:30 - 4 | Zabrocki, M. |
| 4161 | 3.00 | MW | Mathematics of Cryptography | T/R 10-11:30 | Ingram, P. |
| 4171 | 3.00 | AF | Nonlinear Optimization | M/W 3:30-5 | Chen, M. |
| 4271 | 3.00 | MW | Dynamical Systems | T/R 2:30 - 4 | Zhu, Hp. |
| 4280 | 3.00 | AF | Loss Models and Risk Measures | MWF 11:30 | Justin Miles |

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| | | | | TU W 3:30 | Justin Miles |
| 4281 3.00 | MW | Ruin and Credibility | | T/R 1 - 2:30 TU R 2:30 | Kuznetsov, A. Kuznetsov, A. |
| 4330 3.00 | AF | Applied Categorical Data Analysis | | T/R 4-5:30pm | A. Wong |
| 4400 6.00 | AY | History of Mathematics | | T 7 -10 | Gibson, P |
| 4431 3.00 | AF | Probability Models (integrated with GS/MATH 6604) | | MWF 12:30 | Madras, N. |
| 4630 3.00 | AF | Applied Multivariate Statistical Analysis (integrated with GS/MATH 6632) | | T/R 4 - 5:30 | Wu, Y. |
| 4730 3.00 | MW | Experimental Design | | T/R 4 - 5:30 | Wu, Y. |
| 4731 3.00 | MW | Sampling Design and Analysis | | MWF 10:30 | DELETE THIS ----- |
| 4931 3.00 | MW | Simulation and the Monte Carlo Method | | T/R 10 - 11:30 | Peskun, P |
| 4939 3.00 | MW | Statistical Data Analysis Using SAS & R | | MWF 9:30 | G. Monette |
| 1401 3.00 | AF | Integrated Science I | | MWF 11:30 | Madras, N. |
| 1402 3.00 | MW | Integrated Science II | | MWF 11:30 | Heffernan, J. |

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