

Track in Applied Mathematics: Entrance requirements are the same as for the MSc. Students must take both MATH 405 and 407, and both MATH 419 and 452 with a C or better. Students must take MATH 501, and two of MATH 502, 505, or 507. They should then write their thesis/research paper in the area of Applied Mathematics, unless they choose the non-thesis/non research paper option.

Track in Statistics: Entrance requirements are the same as for the MSc. and MATH 483 with a C or better, or its equivalent. Students must take MATH 484, and both MATH 419 and 452 with a C or better. Students must take MATH 580 and 584. They should then write their thesis/research paper in the area of Statistics, unless they choose the non-thesis/ non-research paper option.

Track in Computational Mathematics: Entrance requirements are the same as for the MSc. Students must take MATH 475 and CS 451, and both MATH 419 and 452 with a C or better. Students must take MATH 574 and CS 555. They should then write their thesis/research paper in the area of Computational Mathematics, unless they choose the non-thesis/non-research paper option.

Track in Pure Mathematics: Entrance requirements are the same as for the MSc. Students must take MATH 421, 430 or 435, and 455, and both MATH 419 and 452 with a C or better. Students must take at least one of MATH 501, 519, or 530. They should then write their thesis/research paper in the area of Pure Mathematics, unless they choose the non-thesis/ non-research paper option.