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In This Letter

Conditions of Admission

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2022-11-17

Mr. Jagadeesh Mandala
1-61,Ramalayam Street
Kanchikacherla, Andhra Pradesh 521180
India

Dear Jagadeesh,

Congratulations!

On behalf of The Graduate School at the University at Albany, it is my pleasure to inform you that you have been admitted to the Data Science - MS program beginning in the Fall 2023 semester.

After careful review of your application and academic achievements, it is our belief that you will be a positive asset to this program and our community. A life changing endeavor, I am confident you will thrive both academically and personally.

As you prepare for this step in your graduate studies, I encourage you to reach out to your program advisor, Boris Goldfarb. Connection with faculty is an incredible asset to your studies and future success. You can reach Boris Goldfarb at bgoldfarb@albany.edu to arrange for advisement.

The requirements of your program can be found in the graduate bulletin. You may wish to discuss the program's curriculum with your advisor before starting your graduate program.

If you have any questions about your admittance or beginning graduate studies at the University at Albany, I welcome you to reach out to me directly.

Best wishes for a rewarding journey,

Jane Champagne
Director of Graduate Admissions
University at Albany

PS: Your admission to the Data Science - MS includes the following conditions:

All UAlbany students are required to be vaccinated against COVID-19. This mandate is in effect for any UAlbany student coming to any UAlbany campus or facility for any reason during the 2022-23 academic year. Please visit <https://www.albany.edu/covid-19> for any updates.

Your admission is contingent upon receipt of official individual mark sheets and provisional certificate

In order to receive immigration documents, please submit the enrollment deposit, proof of finances and financial affidavit

For more information, contact The Graduate School at graduate@albany.edu or (518) 442-3980 <tel:5184423980>.

Virtual Tour <<http://www.albany.edu/graduate/indexmain.php>>



PROGRAM OF STUDY (36 CREDITS)

1. Core Requirement - one course:

- A Mat 502 - Modern Computing for Mathematicians (3 credits)

2. Courses in Topological Data Analysis - two courses:

- A Mat 583 - Topological Data Analysis I (3 credits)
- A Mat 584 - Topological Data Analysis II (3 credits)

3. Courses in Machine Learning - three courses:

- A Mat 590 - Function Theory and Functional Analysis for Applications (3 credits)
- A Mat 591 - Optimization Methods and Nonlinear Programming (3 credits)
- A Mat 592 - Machine Learning (3 credits)

4. Courses in Statistics - three courses:

- A Mat 554 - Introduction to Theory of Statistics I (3 credits)
- A Mat 565 - Applied Statistics (3 credits)
- A Mat 581 - Nonparametric Statistics (3 credits)

5. Practicum Course - choose one course:

- A Mat 585 - Practical methods in topological data analysis (3 credits)
- A Mat 593 - Practical methods in machine learning (3 credits)

6. Elective Courses - choose two courses:

- A Mat 522 - Linear Algebra for Applications (3 credits)
- A Mat 560 - Introduction to Stochastic Processes I (3 credits)
- Additional practicum course

University Capstone Requirement:

The practicum course serves as the capstone experience for the Data Science Master's program. The practicums require comprehensive analysis of data sets along with oral presentations or poster presentations of the results. Students must complete one of the practicum courses with a grade of B or better.

For additional policies and regulations regarding graduate study please review the [Graduate Bulletin](#).