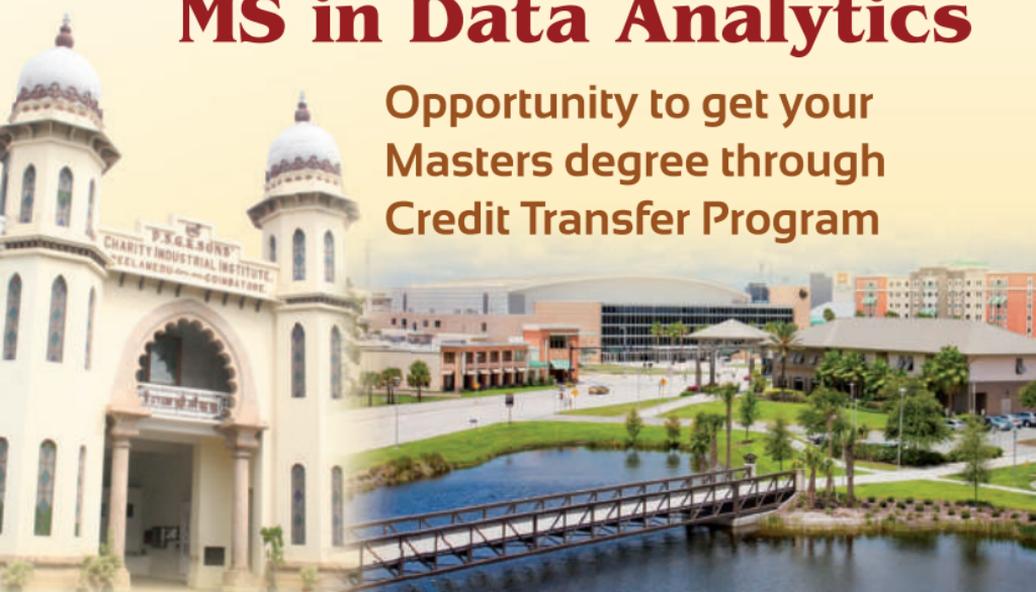# MS in Data Analytics

Opportunity to get your Masters degree through Credit Transfer Program

About UCF

The University of Central Florida is a thriving preeminent research university located in metropolitan Orlando. With more than 68,000 students, UCF is one of the largest universities in the U.S. In addition to its impressive size and strength, UCF is ranked as a best-value university by Kiplinger, as well as one of the nation's most affordable colleges by Forbes. The university benefits from a diverse faculty and staff that create a welcoming environment and opportunities for all students to grow learn and succeed.

About PSGIAS

PSG Institute of Advanced Studies was set up by PSG & Sons' charities in 2006 and offers International Education through Credit Transfer System. Both Under Graduate and Post Graduate courses are offered in Engineering, Business Management and International Business.

Scope of the Program

Become an expert in the fast-growing field of data analytics and big data. There is an increasing need to turn large and complex amounts of data into knowledge to drive business decisions. Companies are looking for people with the

technical skills to manipulate, manage, and interpret data. According to Inside HigherEd.com, "An estimated 2.72 million new job postings in 2020 will seek workers with skills in data science and analytics

Description of the Program

This is a credit transfer program with 1st year of study at PSG and the 2nd year at UCF and the degree is awarded by the University of Central Florida.

The Master of Science in Data Analytics program provides students with the ability to develop algorithms and computer programs for discovery of information from large amounts of data. This includes the program architecture as well as technical details of algorithm development. Students are prepared to write and maintain novel computer programs making efficient use of cutting-edge computer technology.

Students in this nonthesis program receive a broad background in the areas of parallel programming, machine learning, data mining and network science while specializing in particular areas of data analytics practice. Students successfully completing this program will have exhibited breadth as well as depth of capability involving discovery of knowledge from "big data."

Potential areas for employment

Data Scientist, Data Analyst, Data Architect, Database Administrator, Data Engineer, Data Mining Specialist, Business Intelligence Analyst, Big Data Engineer, Big Data Scientist, Database Administrator

Courses at PSG

Applied statistics, Artificial Intelligence, Network Science, Advanced data Structures

Courses at UCF

Data Mining Methodology, Interactive Data Visualizations, Parallel and Distributed Databases, Data Mining Methodology, Parallel and Cloud Computation, Project in Data Analytics

Eligibility

An undergraduate degree in Computer Science, Statistics, Information Technology or Computer Engineering post graduate degree in computer science or computer applications is desirable but not a must. Applicants without a strong undergraduate background in Computer Science and Statistics must demonstrate an understanding of the material covered in upper division undergraduate courses as under: Object-Oriented Programming, Computer Science, Database Systems, Statistical Methods and Programming experience.

Selection Process

Selection will be based on the academic performance in the undergraduate studies and face to face interview.

Campus Services at UCF

Campus Services include: Student Union, Student Government Association, Events and Activities, Housing, Student Employment, Career Services, Financial Aid & Loans Office, College Scholarships, Intramural Sports, Clubs, Recreation and Wellness Center, Fitness Programs, Dining Services, Restaurants and Eateries, Health & Pharmacy Services, Counseling Services, UCF Cares

Student Accommodation

UCF provides on campus student accommodation and will assist students for off campus accommodation if they wish

Student life

UCF offers hundreds of social clubs and organizations, plus an array of academic resources to help students succeed in school and as alumni. From orientation to graduation, the UCF experience creates opportunities that last a lifetime.

Website: www.ucf.edu

Apply online: **www.psgias.net**