Graduate Certificate in IT Analytics

The IT Analytics Graduate Certificate prepares students for working as an IT System and Data Analyst responsible for designing, building, and monitoring the IT infrastructure for effectively supporting business operations. Students master the following skill set essential to this industry role:

- IT Analytics
- Socio-technical IT systems
- Predictive analytics

The Graduate Certificate in IT Analytics will be awarded upon successful completion of the 9-credit curriculum below. The courses are not listed in sequential order. All course work should be completed within two years of starting the certificate program. Students should e-mail questions to **EngHelp@psu.edu.**

9-Credit Required Curriculum			
Course #	**Course Title**	**Semester Completed**	**Grade**
DAAN 862	Analytics Programming in Python (Pre-req: STAT 500)		
IE/DAAN 575	Foundations of Predictive Analytics (Pre-req: STAT 500)		
INSC 846	Network and Predictive Analytics for Socio-Technical Systems		

Note: Students must maintain a minimum grade point average of 3.0 (B) throughout the program. Courses may be applied to master's programs if admitted as a degree-seeking student. If degree-seeking, you must formally apply for degree admission. Up to 15 credits earned may be transferred to a master's degree, subject to restrictions outlined in GCAC-309 Transfer Credit. Completing this certificate does not guarantee admission to a degree program. To be awarded the graduate certificate, students must successfully complete 9 credits of course work. Students must complete each course with a grade of C or better, and an overall grade-point average of 3.0 in the certificate courses.

Questions & Advising - Students should contact EngHelp@psu.edu with any questions. After successfully completing the required course work, please submit a Graduate Certificate Completion Form found at http://greatvalley.psu.edu/form/graduate-certificate-completion-form.