

**Binghamton University**  
**Thomas J. Watson College of Engineering and Applied Science**

**APPLICATION FOR MINOR IN ENGINEERING ANALYTICS**

Name \_\_\_\_\_ Local Address: \_\_\_\_\_

Student B-Number \_\_\_\_\_ Phone: \_\_\_\_\_ Email: \_\_\_\_\_

TO THE STUDENT: There are specific policies and procedures which you must be aware of and agree to before completing this form. *The completed form should be returned to the System Science and Industrial Engineering Department (SSIE) in EB R20.*

1. You are responsible for keeping the University informed about your graduation plans. You must file an "Application for Degree" in the semester you plan on graduating via BUBRAIN.
2. A minor is not required for graduation but must be dropped if you do not plan on completing it. The completed minor(s) will appear on your transcript when the degree is certified. Minors will not be added to a transcript once a degree is certified.
3. Cumulative GPA in courses taken for the minor must be 2.7 or above.

Major(s) \_\_\_\_\_ Declared? \_\_\_ No \_\_\_ Yes (**Must include a declared engineering major.**)

List other minor(s) \_\_\_\_\_

Before applying for a minor in Engineering Analytics, you must have completed the following core courses. Your cumulative GPA in these core courses must be 2.7 or higher. Please indicate below when you took these courses and the grade you received. Please bring a DARS to have this form signed by the Undergraduate Director of SSIE.

*ISE 212 Engineering Computing	_____ No	_____ Yes	Semester _____	Grade _____
*ISE 314 Computer Programming for Engineers	_____ No	_____ Yes	Semester _____	Grade _____
*ISE 261 Probabilistic Systems I	_____ No	_____ Yes	Semester _____	Grade _____

GPA in prerequisite courses: \_\_\_\_\_ (Must be 2.7 or higher.)

Current overall GPA: \_\_\_\_\_

Total Binghamton University credits completed to date \_\_\_\_\_

Expected date of graduation \_\_\_\_\_

If you do not have an ISE background, have you taken any of the Engineering Analytics core course prerequisites?

*MATH 224 Differential Calculus	_____ No	_____ Yes	Semester _____	Grade _____
*MATH 225 Integral Calculus	_____ No	_____ Yes	Semester _____	Grade _____
*MATH 226 Integration Tech & Application	_____ No	_____ Yes	Semester _____	Grade _____
*MATH 227 Infinite Series	_____ No	_____ Yes	Semester _____	Grade _____

Student's signature \_\_\_\_\_ Date \_\_\_\_\_

SSIE Undergraduate Director's Signature \_\_\_\_\_ Date \_\_\_\_\_

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**CERTIFICATION OF THE MINOR WILL BE DONE THROUGH THE DEGREE AUDIT SYSTEM (DEGREE WORKS)**

Date entered on student record \_\_\_\_\_ Entered by \_\_\_\_\_