

4+1 PROGRAM: COMBINED BS/MS DEGREE – 2 DEGREES IN 5 YEARS

THE PROGRAM:

Complete a bachelor's degree and a master's degree in five years by taking up to three graduate course in your senior (fourth) year. In your fifth year, you are admitted to the Graduate School and focus solely on graduate work to finish your master's degree.

HOW TO APPLY:

1. **Junior year: Complete department application (on opposite side)**
 - a. 3.3 - 3.5 minimum GPA required, depending on program
2. **Senior year (second semester): Apply for admission to Graduate School**
 - a. A minimum of 88 credits and 3.0 GPA is required for admission
 - b. Complete graduate, 4+1 degree application in BU Brain: binghamton.edu/grad-school/admissions/apply/apply-accelerated.html
GRE, letters of recommendation and \$100 deposit are waived
 - c. Application is accepted if minimum of 88 credits and 3.0 GPA earned
 - i. Graduate School will notify you, via email, to pay \$75 application fee
 - ii. When fee is paid, Graduate School will email you acceptance letter
 - iii. Follow instructions in acceptance letter to "confirm intent to continue"
 - d. If less than 88 credits, you are not eligible; please reapply when you reach 88 credits

BENEFITS OF 4+1 PROGRAMS INCLUDE:

- Less time to degree
- Cost savings: up to 3 graduate courses at undergraduate rates
- Excellent professional credential
- Start employment at MS level with only one additional year of study
- Greater potential for higher starting salary



DEGREES EARNED	EXPECTED TIME TO COMPLETION	GRADE REQUIREMENTS	COURSE REQUIREMENTS	GRADUATE PROGRAM CONTACT
Bachelor of Science (BS) and Master of Science (MS) in: <ul style="list-style-type: none"> • Biomedical Engineering • Electrical Engineering • Computer Engineering • Industrial and Systems Engineering • Mechanical Engineering or Bachelor of Science (BS) in Industrial and Systems Engineering and Master of Science (MS) in Systems Science	Five years	GPA of 3.3-3.5* or higher after five semesters (fall semester, junior year)	Up to three graduate courses taken in the student's senior year can count towards MS degree and senior technical elective requirements	Biomedical Engineering Guy German (ggerman@binghamton.edu) Electrical and Computer Engineering Mark Fowler (mfowler@binghamton.edu) Industrial and Systems Engineering Sarah Lam (sarahlam@binghamton.edu) Mechanical Engineering Paul Chiarot (pchiarot@binghamton.edu) Systems Science Hiroki Sayama (sayama@binghamton.edu)
Bachelor of Science and Master of Business Administration	Five years	GPA of 3.5 or higher after five semesters (fall semester, junior year)	Must take three core MBA courses during junior and/or senior year	Alesia Wheeler-Wade (awheeler@binghamton.edu)

*For ECE and BME students only: if GPA is less than 3.5, but at least 3.0, special consideration may be given with support from two department faculty. Their signatures are required on department application form (on opposite side).

FOR ADDITIONAL INFORMATION:

4+1 BS/MS Engineering Program: binghamton.edu/watson/undergraduate/4-plus-1.html

Watson Fast-Track MBA Program: binghamton.edu/som/graduate-programs/mba/watson.html



Thomas J. Watson School of Engineering and Applied Science
APPLICATION FOR 4+1* BS/MS

1. This form must be completed and given to your department secretary.
2. You will receive an email with a decision. If accepted, your program code in Banner will be changed to your department's 4+1 (BS/MS) code.
3. If admitted, please seek faculty advisement on your future course choices. All students enrolled in this option must still complete the 4+1 graduate application in Banner. (See How to Apply on opposite side.) This program is designed to indicate the early interest of top students and allows for undergraduate registration in certain graduate courses.
4. The department retains a copy of this approved form for its records, gives the student a copy (upon request) and forwards the original to the Watson School Advising Office.

LAST NAME _____ FIRST NAME _____ MI _____

B-NUMBER _____ LOCAL PHONE _____ MAJOR _____

LOCAL ADDRESS _____

EMAIL ADDRESS _____

Your cumulative grade point average (GPA) _____

OFFICE USE ONLY: GPA confirmed at:

Please provide a brief statement below describing your interest in your department's BS/MS plan:

 Student's signature

 Date

For **ME**, **ISE** and **SS** students with a 3.3 GPA or above and **BME** and **ECE** students with a 3.5 GPA and above, please obtain Graduate Director signature in "For Department Use Only" box below.

For **BME** and **ECE** students with a GPA between 3.0 and 3.5, obtain signatures from two faculty in your department recommending admission into the 4+1 program.

 Print professor's name

 Professor's signature

 Print professor's name

 Professor's signature

FOR DEPARTMENT USE ONLY

Department must check the appropriate 4+1 (BS/MS) program code to be entered by the Watson School Advising Office.



BME, 27D **COE, 29G** **EE, 56F** **ISE, 26G** **ME, 26H** **SS, 56C** **Approved** **Denied**

 Signature of Dept. Chair or Graduate Director

 Date

Last Updated: Aug. 2019

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