

BIOLOGICAL SCIENCES



4+1 PROGRAM COMBINED BA/MS DEGREE — 2 DEGREES IN 5 YEARS

The Program:

Complete a bachelor's degree (BA) and a master's degree (MS) in five years by taking up to 6 graduate credits 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.

Who Would Benefit:

Students wishing to ...

- Increase their preparation for medical or other professional schools
- Determine if a research career/PhD is desired
- Prepare for a science-based career in industry
- Prepare for a career in teaching

Benefits Include:

- Less time to earn two degrees by applying (double-counting) up to 6 credits toward both degrees
- Tuition cost savings by applying (double-counting) up to 6 credits toward both degrees
- Excellent professional credential
- Start employment at master's level with only one additional year of study
- Greater potential for a higher salary
- No need to shop for a graduate school and relocate

When/How to Apply:

Junior year: Contact graduate director or graduate secretary

- A 3.2 minimum GPA is required
- Refer to the current University Bulletin for application package requirements. Application is due second semester of junior year.
- Agreement to sponsor by faculty research supervisor is needed to apply

Senior year (second semester): Apply for admission to Graduate School

- A minimum of 88 credits and 3.0 GPA is required for admission
- Complete graduate, accelerated/4+1 degree application in BU BRAIN (binghamton.edu/grad-school/admissions/apply/apply-accelerated.html)
- GRE, TOEFL, letters of recommendation and \$100 deposit are waived
- Graduate School will notify you, via email, to pay the application fee
- When fee is paid, Graduate School will email you acceptance letter
- Follow instructions in acceptance letter to "confirm intent to continue"

For Further Information:

Carol Miles, undergraduate co-director (cmiles@binghamton.edu, 607-777-4496)
 Kathleen Horwath, undergraduate co-director (khorwath@binghamton.edu, 607-777-4395)
 Weixing Zhu, graduate director (wzhu@binghamton.edu, 607-777-3218)
 Diane Cole, graduate secretary (dmcole@binghamton.edu, 607-777-6978)
 Graduate School (gradadmission@binghamton.edu, 607-777-2151)
 University Bulletin (bulletin.binghamton.edu)

MASTER OF ARTS (MA) DEGREE GRADUATE DEGREE IN 1 YEAR

The Program:

Upon completion/anticipated completion of an undergraduate major or substantial course background in biology or chemistry, complete a Master of Arts degree in one year by fulfilling course requirements.

Who Would Benefit:

Students wishing to ...

- Continue their education by pursuing graduate studies
- Pursue a higher pay scale without a research experience/component
- Increase their preparation for medical or other professional schools
- Determine if a research career/PhD is desired
- Prepare for a science-based career in industry
- Prepare for a career in teaching

Benefits Include:

- Earn a master's degree in one year
- Excellent professional credential
- Start employment at master's level with only one additional year of study
- Greater potential for a higher salary
- No need to shop for a graduate school and relocate

When/How to Apply:

- **Deadlines are March 15 (fall) or Oct. 15 (spring)**
- Applications may be accepted up to semester start dates if space is available
- Apply to the Graduate School using their online application (binghamton.edu/grad-school/admissions/apply)
- GRE/TOEFL are waived
- A 3.0 GPA is typically required

For Further Information:

Steven Tammariello, MA program director (tammariello@binghamton.edu, 607-777-2008)
 Weixing Zhu, graduate director (wzhu@binghamton.edu, 607-777-3218)
 Diane Cole, graduate secretary (dmcole@binghamton.edu, 607-777-6978)
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