STEP
The Science and Technology Entry Program at Rose Hill
Fordham University’s Science and Technology Entry Program (STEP) at Rose Hill is a rigorous pre-college academic enrichment program designed to prepare students in grades seven through twelve (7-12) for careers in math, science, technology, health-related fields and licensed professions. STEP seeks to increase the representation of historically underrepresented or economically disadvantaged students in these fields.

During the academic year, STEP offers an array of services and activities after school and on Saturday mornings. STEP also conducts a five-week, full-time summer academy. All classes take place at Fordham’s Rose Hill campus in the Bronx and are taught by Fordham faculty, secondary school teachers and graduate students. STEP scholars benefit from camaraderie with some of the area’s brightest students.

Programs and Support Services

Enrichment Classes and Laboratories
Advanced work in mathematics, science, writing and development of critical thinking and analytical abilities

Tutorials and Study Groups
Students receive individual and group tutorials in all subjects

Academic, Career, Financial Aid and Personal Counseling

College and High School Selection Counseling

Specialized High School Admission Test (SHSAT)

Special Lectures and Workshops
Introductions to specialized fields in the health professions, computer science, engineering, law and others

Leadership Training and Career Development Institute
Seminars for high school juniors and seniors on professional decorum in the workplace. Students also have an opportunity to gain hands-on experience in career areas of interest

Career Activities
Guest speakers, field trips, career testing and conferences

Cultural and Recreational Activities
Classroom academics are augmented by field trips, which include: visits to colleges/universities, museums, research facilities and other cultural institutions

Research
Opportunities to conduct scientific research
STEP Application Form

Semester of Application

☐ Fall          Application Deadline: September 15
☐ Spring        Application Deadline: December 15
☐ Summer        Application Deadline: June 1

Application Checklist
Please complete the entire application by the scheduled deadline. A student’s application must include copies of the following:

☐ Completed Application Form
☐ Student’s latest report card
☐ Student’s complete transcript including standardized test scores
  (i.e. IOWA Test, NAEP Test, PSAT and/or SAT scores, etc.)
☐ Answer one of the following questions in a 500 word essay, typed in 12pt. font and double spaced:
  1) What is the biggest problem you see in your community/neighborhood and how would you solve it?
  2) Describe your ideal career. What are the steps you would take towards entering this career?
☐ Resume detailing all extracurricular activities and other academic programs in which you are enrolled. Include an outline of advanced placements (AP) and honors courses you have taken or will be taking. Also highlight special awards received, work experience, research/internship placements and community service.
☐ Two (2) completed Teacher Evaluation Forms in a sealed envelope with teacher’s signature across back of each envelope flap
☐ Completed Guidance Counselor Placement Form
☐ Supporting documentation if eligibility criteria are not met (income tax return)

Incomplete applications will not be considered for admission.
Application packets should include all forms.
A registration fee is required for accepted students

Personal Information

Student’s full name: ____________________________
Parent(s)/Guardian name: ____________________________
Street address/Apt.: ____________________________ Borough/ZIP code: ____________________________
Home phone: ____________________________ Parent’s cell phone: ____________________________
Student’s e-mail: ____________________________
Parent’s e-mail: ____________________________
Student’s Cell Phone number: ____________________________ Date of birth: ____________________________

Gender:  ☐ Female  ☐ Male

Are you a resident of New York state?  ☐ Yes  ☐ No
Personal Information (continued)

Ethnicity
☐ African American/Black ☐ Native American
☐ Latino/Hispanic ☐ Alaskan Native
☐ Other (please specify) __________________________________________

Financial Information
If applicant student is not African American/Black, Latino/Hispanic, Native American or Alaskan Native, please fill in the following information and provide a copy of the most recent income tax return. Refer to chart in this brochure to determine eligibility.

Family income (amount): ________________________________________ Number in household: ___________________

School Information

Full name of school: ____________________________________________

School address: ____________________________________________ Borough/ZIP code: __________________

School phone: ________________________________________________

Principal’s name: ____________________________________________

Counselor’s name: ____________________________________________

Grade: ____________________________________________ Grade point average: __________________

Career interest: ______________________________________________

Source of referral: ____________________________________________

Parent/Guardian Consent

I, ____________________________________________ give permission to ____________________________________________ (school)

to release information and periodic grade reports on ____________________________________________ (student’s name) to the

Fordham University STEP program.

Parent/Guardian signature __________________________ Date __________________________

For Office Use Only

Date Received __________________________ ☐ Accepted ☐ Declined ☐ Waitlisted Date __________________________

Comments
________________________________________________________
________________________________________________________
________________________________________________________

Applications can be mailed or hand delivered to:

Fordham University | STEP Program
Collins Hall, 3rd Floor | 441 East Fordham Road | Bronx, NY 10458 | Phone: (718) 817-3265

Applications are not accepted by fax.
Science Teacher Evaluation Form

Date _______________________________

Student’s full name _______________________________

Name of teacher _______________________________

Subject _______________________________

School _______________________________

Grade _______________________________

To the Student
A science teacher must complete the required information on the reverse side of this sheet. You are responsible for submitting this form to your teacher in a timely fashion. STEP must receive this form in a sealed envelope with the rest of your application package. Please remember that incomplete applications will not be considered for admission.

To the Teacher
The above student is applying for admission to the Fordham University Science and Technology Entry Program (STEP). STEP is a rigorous academic enrichment program designed to help prepare students for postsecondary studies in science, mathematics, technical and health-related careers. A forthright evaluation is extremely important to our selection process as it helps us choose the most qualified student from a very competitive pool of applicants. On the reverse side of this letter, please evaluate the student’s analytical skills, effort and conduct. In addition, please provide any pertinent information you think will be beneficial to our selection process.

Please return this form to the student in a sealed envelope with your signature across the back of the envelope flap to ensure confidentiality. If you have any questions, please call us at (718) 817-3265.

Thank you in advance for your assistance!

Sincerely,

Michael A. Molina
Director
### Analytical Skills

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### Additional Comments

Please attach a separate sheet to comment on the student’s character, citizenship and contributions to your class.

- [ ] Highly recommend
- [ ] Recommend
- [ ] Recommend with reservations
- [ ] Do not recommend

Teacher’s signature ________________________________ Date ____________________

Teacher contact information (phone/e-mail) ________________________________
Math Teacher Evaluation Form

Date __________________________________________

Student’s full name __________________________________________

Name of teacher __________________________________________

Subject __________________________________________

School __________________________________________

Grade __________________________________________

To the Student

A math teacher must complete the required information on the reverse side of this sheet. You are responsible for submitting this form to your teacher in a timely fashion. STEP must receive this form in a sealed envelope with the rest of your application package. Please remember that incomplete applications will not be considered for admission.

To the Teacher

The above student is applying for admission to the Fordham University Science and Technology Entry Program (STEP). STEP is a rigorous academic enrichment program designed to help prepare students for postsecondary studies in science, mathematics, technical and health-related careers. A forthright evaluation is extremely important to our selection process as it helps us choose the most qualified student from a very competitive pool of applicants. On the reverse side of this letter, please evaluate the student’s analytical skills, effort and conduct. In addition, please provide any pertinent information you think will be beneficial to our selection process.

Please return this form to the student in a sealed envelope with your signature across the back of the envelope flap to ensure confidentiality. If you have any questions, please call us at (718) 817-3265.

Thank you in advance for your assistance!

Sincerely,

Michael A. Molina
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- [ ] Do not recommend

Teacher’s signature ____________________________ Date ______________

Teacher contact information (phone/e-mail) __________________________
Guidance Counselor Placement Form

Date

Student's full name

Name of guidance counselor

School

Grade

To the Student
As part of the application process, your guidance counselor must fill out the required information on the reverse side of this letter to ensure proper math and science placement. You are responsible for submitting this form to your guidance counselor in a timely fashion. This form must be included in your application package. Please remember that incomplete applications will not be considered for admission.

Parent/Guardian Consent
I, __________________________, give permission to __________________________ (school) to release information and periodic grade reports on __________________________ (student's name) to the Fordham University STEP program.

Parent/Guardian signature __________________________ Date __________________________

To the Guidance Counselor
The above student is applying for admission to the Fordham University Science and Technology Entry Program (STEP). STEP is a rigorous academic enrichment program designed to help prepare students for postsecondary school studies in science, mathematics, technical and health-related careers. We kindly ask that you please indicate the math and science courses this student will be enrolled in for the current academic year by checking off those classes on the reverse side of the letter.

Please return this form to the student to complete his/her application. If you have any questions, please call us at (718) 817-3265.

Thank you in advance for your assistance!

Sincerely,

Michael A. Molina
Director

Collins Hall  Third Floor  Bronx, NY 10458  (718) 817-3265  FAX: (718) 817-3263
Math Level
Which math class will this student enroll in for the current academic year?
Please indicate Advanced Placement (AP) or Honors level courses.

☐ 7th Grade Math
☐ 8th Grade Math
☐ Algebra
☐ Geometry
☐ Algebra II/Trigonometry
☐ Precalculus
☐ Calculus
☐ Other (please specify) ____________________________________________
☐ The student has completed all of the math classes listed above.

Science Level
Which science class will this student enroll in for the current academic year?
Please indicate Advanced Placement (AP) or Honors level courses.

☐ 7th Grade Science
☐ 8th Grade Science
☐ Earth Science
☐ Biology
☐ Chemistry
☐ Physics
☐ Other (please specify) ____________________________________________
☐ The student has completed all of the math classes listed above.

Regents Exams
Please list dates of Regents Exams taken and their grades. Also, include upcoming Regents Exam dates.

____________________________________________________________________

____________________________________________________________________

____________________________________________________________________

____________________________________________________________________

Additional Comments Please write any comments you would like to share about the student’s progress in his/her math and science courses below, or attach a separate sheet if more space is required.
Eligibility
Students in underrepresented groups, who are interested in scientific, technical, health and licensed professions are eligible to apply for entry into the program. The State of New York has designated African Americans/Blacks, Latinos/Hispanics, Native Americans and Alaskan Natives as members of underrepresented groups. Economically disadvantaged students are also eligible to apply for entry to the program. To meet the State of New York’s established income requirements for STEP, the student’s household income needs to be less than or equal to the income levels indicated below.

### New York State Opportunity Programs
#### Income Eligibility Criteria 2014 - 2016

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<th>Number in Household Dependent on Income</th>
<th>2014-15</th>
<th>2015-16</th>
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<tbody>
<tr>
<td>1</td>
<td>$21,590</td>
<td>$21,755</td>
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<tr>
<td>2</td>
<td>$29,101</td>
<td>$29,471</td>
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<tr>
<td>3</td>
<td>$36,612</td>
<td>$37,167</td>
</tr>
<tr>
<td>4</td>
<td>$44,123</td>
<td>$44,863</td>
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<tr>
<td>5</td>
<td>$51,634</td>
<td>$52,559</td>
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<tr>
<td>6</td>
<td>$59,145</td>
<td>$60,255</td>
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<tr>
<td>7</td>
<td>$66,656(^3)</td>
<td>$67,951(^4)</td>
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</tbody>
</table>

\(^1\) Add $7,326 for each family member in excess of 7.
\(^2\) Add $7,437 for each family member in excess of 7.
\(^3\) Add $7,511 for each family member in excess of 7.
\(^4\) Add $7,696 for each family member in excess of 7.
Fordham University’s Science and Technology Entry Program (STEP)

STEP prepares students for the following careers:

- Accounting
- Allied Health
- Architecture
- Chiropractic
- Dentistry
- Education
- Engineering
- Law
- Medicine
- Nursing
- Nutrition
- Optometry
- Pharmacy
- Psychology
- Social Work
- Speech and Language Pathology
- Veterinary Medicine
- Other licensed professions

For information or application materials, contact:
Fordham University’s Science and Technology Entry Program
Collins Hall, 3rd Floor
Bronx, NY 10458
Phone: (718) 817-3265
Fax: (718) 817-3263
www.fordham.edu/STEP

Program Staff:
- Michael A. Molina, Director
  (718) 817-3266, molina@fordham.edu
- Renaldo D. Alba, Associate Director
  (718) 817-3267, alba@fordham.edu
- Christie-Belle Garcia, Assistant Director
  (718) 817-3269, cgarcia@fordham.edu
- Tiffany Tacury, Counselor
  (718) 817-3268, ttacury@fordham.edu
- Samantha Joseph, Counselor
  (718) 817-3264, sjoseph@fordham.edu
- Michelle Santana, Counselor
  (718) 817-4653, misantana@fordham.edu

The Science and Technology Entry Program is funded by a grant from the New York State Education Department, Office of K–16 Initiatives and Access Programs.