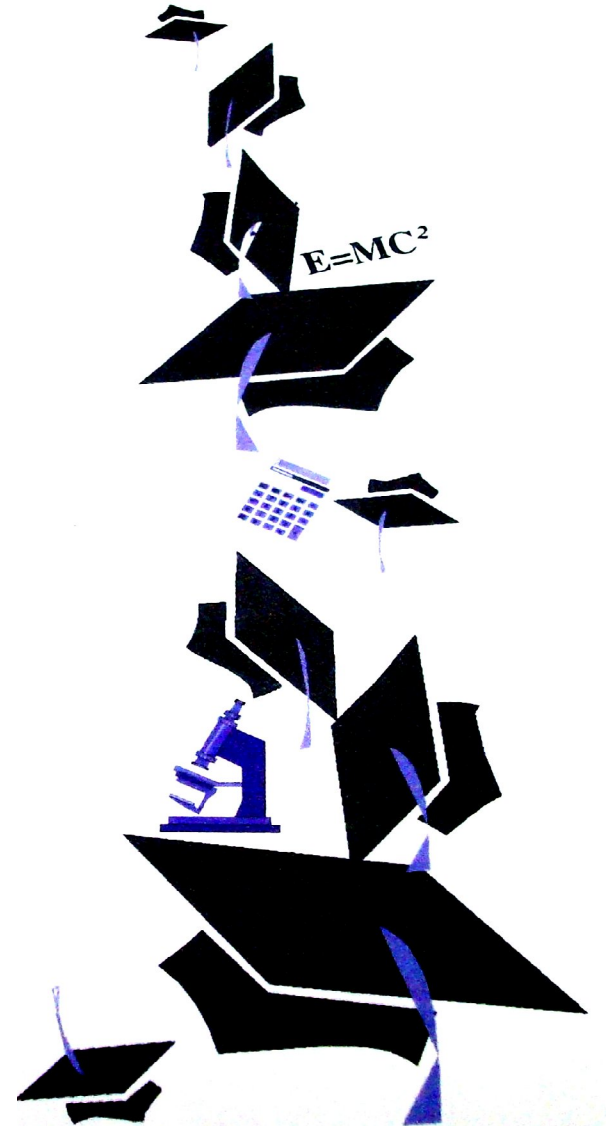


# Student Application Packet

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- Math Teacher Recommendation ..... 6
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Upward Bound Math & Science Program  
North Carolina Agricultural and Technical State University  
Greensboro, North Carolina 27411  
Phone: (336) 334-7659 or 334-7985      Fax: (336) 334-7286



# Facts About Upward Bound Math and Science

## **Upward Bound Math and Science Goal**

Upward Bound Math and Science (UBMS) is a year-round federal TRIO program sponsored by a grant from the U. S. Department of Education. The overall goal of Upward Bound Math and Science is to generate in participants the skills and motivation necessary for success in postsecondary education in programs that lead to careers in math and science. Services include instruction and tutoring in college preparatory courses, personal and career counseling, academic advisement, cultural enrichment activities, mentoring and individualized assistance with the college and financial aid application process for seniors. Services are free to Upward Bound participants.

## **Recruitment Process**

The Upward Bound Math and Science Program at N. C. A&T State University serves 50 students from Dalton McMichael and Reidsville high schools. Applicants must meet federal income and parent education guidelines. Applications are accepted at any time year-round. However, the recommended deadlines for consideration for the Academic Year Program are September 1 for fall semester admissions or December 15 for spring semester admissions. For consideration for the Summer Program, the recommended deadline for applications is March 15. The recruitment of students for each component ends when all spaces have been filled.

## **Application Process**

- Complete pages 1 – 3 of the application.
- Return the application to your high school counselor.
- Submit the recommendation form to your math teacher.
- Submit the recommendation form to your science teacher.
- The high school counselor will submit the entire application package to UBMS.
- Candidates and their parents will be contacted concerning the status of the application after all application materials are received by the UBMS program.
- An interview will be scheduled with the candidate and parents for persons who appear to meet all eligibility criteria.
- A letter concerning the status of admissions will be forwarded to candidates and their parents following the interview.

## **Confidentiality Statement**

The personal information that you give to the UBMS Director is sent to the U. S. Department of Education. The information is in the form of an overall summary. Individuals are not identified. The information is protected by the Privacy Act. No one may see the information unless they work for the Upward Bound Program, or are specifically authorized to see the information. The information is necessary to determine if you are eligible to participate in the program and helps the government and local program to measure the success of UBMS participants. The Department of Education has authority to gather information to help make UBMS a better program.

**UPWARD BOUND MATH AND SCIENCE PROGRAM**  
**North Carolina A&T State University**  
**Greensboro, NC 27411**

**STUDENT APPLICATION**

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**I. STUDENT INFORMATION**

Name \_\_\_\_\_ Sex \_\_\_\_\_  
Last First Middle

Address \_\_\_\_\_  
No. & Street City Zip Code Date of Birth

Telephone ( ) \_\_\_\_\_ Social Security Number \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

Ethnic Background: (statistical purposes only)

\_\_\_ African American \_\_\_ American Indian \_\_\_ Asian \_\_\_ Caucasian \_\_\_ Hispanic

\_\_\_ Other (specify) \_\_\_\_\_ Country of Citizenship \_\_\_\_\_

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**II. PARENT INFORMATION**

Father or Guardian

Mother or Guardian

Name \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

Address \_\_\_\_\_

Occupation \_\_\_\_\_

Occupation \_\_\_\_\_

Circle Highest Grade Completed:

Circle Highest Grade Completed:

Elementary: 1, 2, 3, 4, 5

Elementary: 1, 2, 3, 4, 5

Middle or High School: 6, 7, 8, 9, 10, 11, 12,

Middle or High School: 6, 7, 8, 9, 10, 11, 12,

College: 1, 2, 3, 4,

College: 1, 2, 3, 4,

Adults in the Home

\_\_\_ Mother & Father \_\_\_ Mother & Stepfather \_\_\_ Mother Only \_\_\_ Father & Stepmother

\_\_\_ Father Only \_\_\_ Foster Parents \_\_\_ Other Relatives \_\_\_ Legal Guardian

\_\_\_ None of the Above

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**Office Use Only:** Residency/Citizenship \_\_\_\_\_ Family Income: \_\_\_\_\_

Parent/Guardian Grade: HS 2 yr college 4 yr college Grade level: 9 10 11 12

GPA \_\_\_\_\_ Student Self-Report S N U Counselor/Teacher Recommendations S N U

Interview: Y N Date: \_\_\_\_\_ Time: \_\_\_\_\_ Recommendations: accept reject

Comments: \_\_\_\_\_

**III. FAMILY INCOME**

The Upward Bound program is supported by a federal grant. Therefore, it is necessary to verify the income eligibility of the applicant’s family. Parents are to provide income information by attaching a copy of the federal income tax return (1040, 1040A or 1040EZ) in a sealed envelope labeled with the applicants’ name and the phrase “Family Income Information.” Information for both parents is needed. If the parents are not required to file income taxes, please list the source of the family’s income below.

Other source(s) of income: \_\_\_\_\_

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**IV. CURRENT ENROLLMENT STATUS**

Are you currently enrolled in high school? \_\_\_Yes \_\_\_No (explain)\_\_\_\_\_

Check your current grade level: \_\_\_Grade 9 \_\_\_Grade 10 \_\_\_Grade 11

Name of current school \_\_\_\_\_

Name of school you will attend next year \_\_\_\_\_

Expected high school graduation date \_\_\_\_\_  
Month Year

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**V. HEALTH PROBLEMS NEEDING SPECIAL CONSIDERATION**

**VI. Ask your Math teacher to complete the attached Recommendation Form.**

**VII. Also, ask your Science teacher to complete the attached Recommendation Form.**

**VIII. PARENTAL AUTHORIZATION**

I, the parent or guardian of \_\_\_\_\_ hereby give the school counselor and other personnel permission to complete the remaining pages of the Upward Bound Student Nomination Form and Teacher Recommendation Forms. Permission is also granted to release test scores, transcripts or grade reports. I understand that this information is required to determine my child’s eligibility for the Upward Bound Program.

\_\_\_\_\_  
Parent’s Signature

**IX. STUDENT SELF REPORT**

**Why do you want to participate in the Upward Bound Math and Science Program?**

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**What do you plan to do after you graduate from high school? \_\_\_\_\_**

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**What career(s) are you interested in pursuing?**

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**List your extracurricular activities, hobbies, etc. Also list honors and awards received within the past 2 years. Attach additional pages if necessary.**

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**What do you plan to achieve by participating in the Upward Bound Math and Science Program?**

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**Identify a current math/science topic or issue that you would be interested in researching further and explain why:**

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**List the math courses that you have taken in high school. Include the course(s) you are currently enrolled in.**

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**List the science courses that have taken in high school, including the course(s) you are currently enrolled in.**

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# HIGH SCHOOL COUNSELOR INFORMATION

## I. Student Needs Assessment

Check all applicable areas of need for the applicant

<input type="checkbox"/> Communications Skills	<input type="checkbox"/> Self-Esteem Improvement	<input type="checkbox"/> The student can attend a summer session to make up all credit hour deficiencies
<input type="checkbox"/> Mathematics	<input type="checkbox"/> Interpersonal Skills	
<input type="checkbox"/> Natural Science	<input type="checkbox"/> The student is at or above the grade level expected for his or her chronological age	<input type="checkbox"/> The student can make up all credit hour deficiencies with an extra course load
<input type="checkbox"/> Social Science		
<input type="checkbox"/> Study Skills	<input type="checkbox"/> The student has fewer credits than necessary to graduate on schedule	<input type="checkbox"/> The student will be required to attend an additional semester or complete a school term to remove credit hour deficiencies
<input type="checkbox"/> Cultural Enrichment		

## II. Check the curriculum in which the student is currently enrolled

College Preparatory       Tech Prep       General       Remedial

Other (Please specify) \_\_\_\_\_

Students' grade point average obtained in the above curriculum \_\_\_\_\_ / \_\_\_\_\_  
Cumulative/ Current

## III. Attach the following:

- A copy of the student's most recent grade report
- A copy of the student's transcript with a listing of all test scores

## IV. Additional Evaluative Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Name \_\_\_\_\_

Title \_\_\_\_\_

School or Agency \_\_\_\_\_

Please return the application and attachments to:

Upward Bound Math and Science Program  
P. O. Box A-22  
N. C. A& T State University  
Greensboro, NC 27411

Telephone: 336 334-7659 or 334-7985  
Fax: 336 334-7286

**MATH TEACHER**

**UPWARD BOUND PROGRAM MATH AND SCIENCE  
N.C. A&T State University  
Greensboro, NC 27411**

**RECOMMENDATION FORM**

Student Name \_\_\_\_\_ Date \_\_\_\_\_

High School Counselor \_\_\_\_\_

To the Teacher: The above-named student is applying for admissions into the Upward Bound Math and Science Program. UBMS is designed to help students generate the skills and motivation necessary for post-secondary enrollment in math and science programs. In order to help us to further assess this student's academic needs, please complete this Recommendation Form and return it to the High School Counselor listed above. The counselor will forward this form along with the student's application form to the Upward Bound Program.

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**SECTION I.**

Using the scale provided, please rate the overall performance of this student in the categories listed below.

4- Above Average    3- Satisfactory    2- Needs Attention    1 – Unsatisfactory  
0 – Not Observed

1.	Mathematics computation	4	3	2	1	0
2.	Ability to make & use measurements	4	3	2	1	0
3.	Ability to use the math of:					
	Integers, fractions, decimals	4	3	2	1	0
	Ratios, proportions, percentages	4	3	2	1	0
	Roots and powers	4	3	2	1	0
	Algebra	4	3	2	1	0
	Geometry	4	3	2	1	0
4.	Ability to make estimations and approximations	4	3	2	1	0
5.	Ability to formulate & solve a problem	4	3	2	1	0

(continued on the next page)

6.	Ability to use elementary concepts of probability and statistics	4	3	2	1	0
7.	Inductive and deductive reasoning	4	3	2	1	0
8.	Familiarity with computers	4	3	2	1	0
9.	Study Skills	4	3	2	1	0
10.	Completion of homework and other assignments	4	3	2	1	0
11.	Conduct	4	3	2	1	0

SECTION II.

Upward Bound Math and Science participants are required to participate fully in a six-week residential program on a college campus during the summer. They also attend tutorials and other activities on campus during the school year. Describe the traits that you have observed in this student that will enable him or her to successfully participate in a year-round college preparatory program.

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Other Comments: \_\_\_\_\_

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Check one:     Enthusiastically recommend     Recommend  
                    Recommend with reservations     Do not recommend

Print Your Name \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

Subject Taught \_\_\_\_\_

High School \_\_\_\_\_

**SCIENCE TEACHER**

**UPWARD BOUND PROGRAM MATH AND SCIENCE PROGRAM  
N.C. A&T State University  
Greensboro, NC 27411**

**RECOMMENDATION FORM**

Student Name \_\_\_\_\_ Date \_\_\_\_\_

High School Counselor \_\_\_\_\_

To the Teacher: The above-named student is applying for admissions into the Upward Bound Math and Science Program. UBMS is designed to help students generate the skills and motivation necessary for post-secondary enrollment in math and science programs. In order to help us to further assess this student's academic needs, please complete this Recommendation Form and return it to the High School Counselor listed above. The counselor will forward this form along with the student's application form to the Upward Bound Math and Science Program.

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**SECTION I.**

Using the scale provided, please rate the overall performance of this student in the categories listed below.

4- Above Average    3- Satisfactory    2- Needs Attention    1 – Unsatisfactory  
0 – Not Observed

1.	Fundamental concepts of physical science	4	3	2	1	0
2.	Fundamental concepts of biology	4	3	2	1	0
3.	Fundamental concepts of chemistry	4	3	2	1	0
4.	Math skills	4	3	2	1	0
5.	Lab skills (class _____ )	4	3	2	1	0
6.	Reading skills	4	3	2	1	0
7.	Speaking and listening skills	4	3	2	1	0
8.	Study skills	4	3	2	1	0
9.	Completion of homework and other assignments	4	3	2	1	0
10.	Conduct	4	3	2	1	0

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SECTION II.

Upward Bound Math and Science participants are required to participate fully in a six-week residential program on a college campus during the summer. They also attend tutorials and other activities on campus during the school year. Describe the traits that you have observed in this student that will enable him or her to successfully participate in a year-round college preparatory program.

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Other Comments: \_\_\_\_\_

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Check one:     Enthusiastically recommend     Recommend  
                   Recommend with reservations     Do not recommend

Print Your Name \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

Subject Taught \_\_\_\_\_

High School \_\_\_\_\_