UNIVERSITY OF THE VIRGIN ISLANDS
“The Mathematics Behind the Science”
Residential Summer Bridge Program on the St. Thomas Campus
Program Dates: June 23 – August 1, 2014

Space is limited. Applications accepted until slots are filled. Priority deadline is May 15, 2014

Open to students interested in Science, Technology, Engineering or Mathematics (STEM) who
1. Will graduate high school in 2014 and plan to attend college (preference for those enrolling at UVI) or
2. Freshmen students that have successfully completed MAT-024 at UVI

Please note: Though the “Mathematics Behind the Science” bridge program will be located on the St. Thomas campus only, it is residential and will accommodate students from across the territory. Applicants must be available to participate the entire duration of the program.

Please print or type the requested information in the allotted spaces. If additional space is needed, use a separate sheet. Do not omit any part of this form.

1. Name ______________________________________________  _______________________________________
   Last          First          Middle
   Telephone: ___________________________(home) __________ (cell)            Email: ________________________________

2. Current Mailing Address: ____________________________________________________________
   ___________________________________________________________________________________

3. Parent/Guardian Name ________________________________________________________________
   Physical Address ____________________________________________
   Telephone: ___________________________(cell) __________ (work)            Email: ________________________________

   month       day      year

6. What is your intended college major? _________________________________________________

7. Which of these areas hold the most interest for you as a future career? (Check one)
   ☐Physician/Doctor       ☐Mathematician       ☐Physicist
   ☐Biologist             ☐Engineer            ☐Computer Scientist
   ☐Chemist               ☐Research Scientist  ☐Other: _______________________________________

8. Please list the top 3 colleges or universities you are considering:
   (1)_____________________________________ (2)_____________________________________ (3)_____________________________________

9. School(s) Attended:

<table>
<thead>
<tr>
<th>Institution</th>
<th>Location</th>
<th>Date: From</th>
<th>To</th>
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10. If you took any of the following courses in high school, please state the grade in which you took it (e.g., 11th grade, 12th grade) and the final grade you earned (e.g., A, 92, ...). List any other Mathematics and Science courses you took in high school in grades 11 and 12 and your final grades. This information is required of all applicants EVEN THOUGH you must also submit your transcript.

<table>
<thead>
<tr>
<th>Course</th>
<th>Year in School</th>
<th>% or Letter Final Grade</th>
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<tbody>
<tr>
<td>Advanced Algebra</td>
<td>___</td>
<td>___</td>
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<tr>
<td>Trigonometry</td>
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<tr>
<td>PreCalculus</td>
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<td>Discrete Mathematics</td>
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<td>Statistics</td>
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<tr>
<td>Calculus</td>
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<tr>
<td>AP Calculus</td>
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<tr>
<td>Biology</td>
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<tr>
<td>AP Biology</td>
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<tr>
<td>Chemistry</td>
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<tr>
<td>AP Chemistry</td>
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<tr>
<td>Physics</td>
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<td>___</td>
</tr>
<tr>
<td>AP Physics</td>
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</table>

11. List one Mathematics and one Science course you have taken at UVI, if any, and the grade you earned.

<table>
<thead>
<tr>
<th>Course</th>
<th>Instructor</th>
<th>Semester</th>
<th>Letter Grade</th>
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12. Overall high school grade-point-average: ________ UVI overall grade-point-average (if applicable): ________

13. Please include with this application a sealed envelope containing your high school transcript. Please give the name and telephone number for the person to contact at your school if we need to verify your transcript information:

   School Contact Information: Telephone: __________________________ Fax: __________________________

   Person to Contact regarding transcript: Name: ____________________________________________

14. List academic honors and awards you have received

   ____________________________________________

15. Please enter your SAT or ACT scores: Reading ________ Math ________ Writing ________

16a. Date of Application to UVI ____________

16b. Notice of Acceptance by UVI: _______ received

16c. UVI Student ID Number, if applicable (ex. 9000xxxxx) __________________________

16d. Notice of Acceptance by UVI: _______ not received

17. How did you hear about this program?

   ____________________________________________
18. **Ask two persons** (at least one must be your mathematics teacher) to write letters of recommendation on your behalf and list their names and phone numbers below. UVI students must include a letter from the MAT 024 instructor:

(1) Name: __________________________________ Phone: ______________________________

(2) Name: __________________________________ Phone: ______________________________

*Letters of recommendation may be attached to the application or sent directly to the address or email shown on page 4.*

19. **Submit a 500-600 word essay on your career and educational goals and what prompted you to apply to UVI’s *Mathematics Behind the Science* bridge program.**

20. **Read and consider the statement below. Sign the statement if you agree with it.**

I understand that the purpose of the *Mathematics Behind the Science* bridge program is to prepare me to excel in a university STEM program. I agree to work diligently to strengthen my knowledge and skills. I will take UVI’s *Placement or Calculus Readiness Test* at the end of the program, and if I achieve a satisfactory score, I will enter the appropriate course.

I further agree to participate fully in every aspect of *Mathematics Behind the Science* the entire duration of the program and to work cooperatively with other participants in a spirit of mutual respect to support our intellectual growth.

I also agree to permit UVI to track my progress at UVI and beyond. The data will be used for assessment and evaluation measures to help evolve and improve UVI’s programs. *The Math Behind the Science Program is in compliance with the UVI Policy on Public Access to Documents and Information, March 17, 2007.*

Signature of Applicant __________________________________________  Date ______________________

21. **Ask your parents to read and sign the statement below. Then send the completed application and all supporting materials to the address on page 4.**

Student’s Name ____________________________________________________________

PARENT’S/GUARDIAN’S CONSENT (required for all applicants in high school):

As the parent/guardian of the above-named student, I certify that the information given in the application is correct to the best of my knowledge. My son/daughter/ward has my permission to participate in the University of the Virgin Islands’ *The Mathematics Behind the Science* bridge program. It is my understanding that he/she will be subject to the regulations of the University of the Virgin Islands and the *Mathematics Behind the Science* bridge program for the duration of the program (June 23 to August 1, 2014). I understand that should a health emergency arise, I will be notified, but that if I cannot be reached by telephone, such medical treatment as deemed necessary by competent medical personnel is authorized. I assert that I will assure that my son/daughter understands that he/she has a responsibility to attend every session and each required activity of the program.

Name of Parent or Guardian __________________________________________ (please print)

Signature of Parent or Guardian __________________________________________  Date ______________________
“The Mathematics Behind the Science” Application Checklist

Please check each item you have provided. Your application cannot be considered if it is incomplete.

___ Parent or Guardian Signature (if applicable)
___ Applicant Signature
___ Completed Application form
___ Essay (Question #19)
___ High School Transcript (from all applicants, including those already enrolled at UVI)
___ 2 Letters of Recommendation

Completed applications can be submitted by email, fax, delivery, or mail addressed to:

Ms. Aimee Sanchez, Coordinator
Math Behind the Science Summer Program
College of Science and Mathematics
University of the Virgin Islands
#2 John Brewer’s Bay
St. Thomas, USVI 00802-9990
Office: Marine Science Building
Phone: 340-693-1249
Fax: 340-693-1245
Email: ecs@uvi.edu

All completed applications received by May 15, 2014 will receive full consideration. Applications received after that date may be considered, based on space availability. Space is limited. Please apply early!

The University of the Virgin Islands is an affirmative Action Equal Opportunity, Title IX, Section 504 employer and educator.

The “Mathematics Behind the Science” bridge program (formerly known as Summer Bridge2Calculus) is offered by Emerging Caribbean Scientists (ECS) Programs under administration of the Historically Black Colleges and Universities – Undergraduate Program (HBCU-UP) at the University of the Virgin Islands, which does not discriminate on the basis of race, creed, national origin, sexual orientation, age, sex, disability, marital, or veteran status in any of its policies, procedures, programs, or practices.

Funded is provided by a grant from the National Science Foundation (NSF) and the generosity of individual donors.