



MATHEMATICS ACADEMY

UNIVERSITY of WASHINGTON

College of Engineering

Loew Hall 301, Box 352180

Seattle, WA 98195-2180

PHONE: 206-616-3280

FAX: 206-616-8554

Application Packet

2012



Juniors.....Want to study *engineering* at the University of Washington?

Get a jump start.



Apply to the College of Engineering
Mathematics Academy
July 8 – August 3, 2012



MATHEMATICS ACADEMY

UNIVERSITY of WASHINGTON

College of Engineering

What Works, Is Work.

Application Deadline: Thursday, March 15, 2012

The Mathematics Academy application has several components, all of which will be considered in the evaluation of your application. You must submit the following:

- Student Information**
- Parent/Guardian Information**

All sections and blanks must be completed by students, parents or legal guardians, including signatures.

- Application Essays (2)**

Applicants are required to submit two (2) original essays. Each essay should be neatly written or typed and include the applicant's name and date of birth at the top of each sheet. Please respond to the two essay prompts in 300 words or less (each).

- Letters of Recommendation (2)**

Students must submit two (2) letters of recommendation. Both letters should be written by someone who knows you well and can speak to your academic ability and interest in engineering. Recommenders may use the included form or attach a separate letter.

1. One letter of recommendation must be completed by a **current math or science teacher**.
2. The other letter of recommendation may be completed by a teacher, counselor, or club advisor.

- School Information Form (completed by counselor)**
- Unofficial High School Transcript (from your school)**
- High School Profile (from your school)**

A guidance counselor or advisor must complete your School Information Form and provide the requested documents and information. An unofficial high school transcript is required and **must include your junior year grades** (whether quarter, semester, or trimester). In addition, if you have taken any standardized tests those scores must be submitted to us on your School Information Form.

- Timed Algebra Skills Test**

All applicants are required to take a proctored math assessment in order to be considered for admission. Students can take the assessment at the Engineering Academic Center on the 2nd floor of Loew Hall on Saturday, March 10th or Saturday, March 17th. Students who are unable to travel to Seattle for the assessment are required to find a teacher or school official to proctor the skills test. *Please remember that the skills test is just one element of the application and will be reviewed holistically with all other required materials.*

Program Cost and Fees - NONE

The 2012 Math Academy is being offered free of charge. Students will not pay for the program, housing, or food. However, families must cover the cost of travel between the student's home and the University of Washington.

Submitting Your Application

Applications are due on March 15, 2012. If possible, please compile all required materials into one mailing (including teacher recommendations and school forms). If materials will be arriving separately, please make sure that all documents include the applicant's name and date of birth.

Please mail or fax completed applications to:

UW Mathematics Academy, Box 352180, Seattle, WA 98195 | Fax: 206-616-8554

Notification of Decision

Students will be notified of their decisions in early April. Decisions will be sent to the valid email address provided in the application. If no valid email address was provided, students will receive their decisions in the mail.

Confirmation of Attendance

Admitted students will receive an acceptance package in the mail that contains a number of forms that need to be completed and signed. Students must return these documents and accept their spot in the Math Academy by May 1, 2012.

Questions?

If you have any questions, please feel free to contact Tiffany Fujioka, Program Manager for Pre-College Recruitment & Outreach, at 206-616-3280 or tfujioka@uw.edu.

LEGAL NAME:

Last *First* *M.I*

MAILING ADDRESS:

Number and Street *City* *State* *Zip Code*

PHONE NUMBERS:

Home *Cell*

STUDENT EMAIL: _____

GENDER (PLEASE CHECK): M F **BIRTH DATE:** _____ / _____ / _____

HIGH SCHOOL: _____

SCHOOL DISTRICT: _____

DO YOU RECEIVE FREE OR REDUCED LUNCH? Y N

JUNIOR YEAR MATH COURSE(S): _____

SENIOR YEAR MATH COURSE(S): _____

HOW DID YOU HEAR ABOUT THE MATH ACADEMY?

ETHNICITY:

- | | |
|---|--|
| <input type="checkbox"/> Black or African American | <input type="checkbox"/> American Indian or Alaska Native |
| <input type="checkbox"/> White | <input type="checkbox"/> Latino or Hispanic |
| <input type="checkbox"/> Asian | <input type="checkbox"/> Native Hawaiian or other Pacific Islander |
| <input type="checkbox"/> Multi-Racial: Please Specify _____ | |

Parent/Guardian 1	
Name:	
Relationship to Student:	Home Phone:
Home Address:	
Email Address:	
Current Employer:	
Occupation:	Title:
Highest Education Attained: <input type="checkbox"/> Some High School <input type="checkbox"/> High School Diploma <input type="checkbox"/> Some 2-YR College <input type="checkbox"/> Some 4-YR College <input type="checkbox"/> 2-YR College Degree <input type="checkbox"/> 4-YR College Degree <input type="checkbox"/> Masters Degree or Higher	
Name of College Attended (if any):	
Gross Annual Income:	# in Household:
Parent/Guardian 2	
Name:	
Relationship to Student:	Home Phone:
Home Address:	
Email Address:	
Current Employer:	
Occupation:	Title:
Highest Education Attained: <input type="checkbox"/> Some High School <input type="checkbox"/> High School Diploma <input type="checkbox"/> Some 2-YR College <input type="checkbox"/> Some 4-YR College <input type="checkbox"/> 2-YR College Degree <input type="checkbox"/> 4-YR College Degree <input type="checkbox"/> Masters Degree or Higher	
Name of College Attended (if any):	
Gross Annual Income:	# in Household:

Applicants are required to submit two (2) original essays. Each essay should be neatly written or typed and include the applicant's name and date of birth at the top of each sheet. Please respond to the following two essay prompts in 300 words or less (each).

1. What is engineering, and why does it interest you? Why do you think a career in engineering, mathematics or physics fits you and what field is of particular interest to you? If you were not to study engineering, what would you study?
2. Describe who you are, to help the committee understand how you will contribute and benefit from the UW Math Academy. When writing, please address the following:
 - How have you prepared yourself through classes and extracurricular activities to study engineering and technology at a top school like the UW?
 - What unique personal and/or academic qualities will you bring as a participant in the UW Math Academy?
 - What are your career goals, and how do you think being in the Math Academy will help will help you reach them?

TEACHER RECOMMENDATION FORM (1 OF 2)

TO BE COMPLETED BY A CURRENT SCIENCE OR MATH TEACHER

Student Name: _____ High School: _____

Teacher Name: _____ Title: _____

Teacher Phone: _____ Email: _____

How long have you known the student, and in what capacity? _____

Teacher Signature: _____

Recommendation may be typed and attached, or neatly handwritten in ink. Recommendation should address student's motivation and work ethic with challenging math problems, academic strength, and interest in engineering at the University of Washington. Examples illustrating how the applicant has distinguished himself or herself in your classroom will be particularly helpful.

TEACHER RECOMMENDATION FORM (2 OF 2)

TO BE COMPLETED BY A TEACHER, COUNSELOR, OR CLUB ADVISOR

Student Name: _____ High School: _____

Teacher/Counselor Name: _____ Title: _____

Teacher/Counselor Phone: _____ Email: _____

How long have you known the student, and in what capacity? _____

Teacher Signature: _____

Recommendation may be typed and attached, or neatly handwritten in ink below and must be included with this application. Recommendation should address student's motivation and work ethic with challenging math problems (if applicable), academic strength, and interest in engineering at the University of Washington. Examples illustrating how the applicant has distinguished himself or herself in and out of the classroom will be particularly helpful.

AUTHORIZATION FOR INFORMATION RELEASE:

Please sign this form and give it to your guidance counselor to complete.

I hereby authorize my high school to release the information requested below.

Student's Name: _____

Student's Signature: _____ **Date:** _____

Type of High School: Public Private Parochial

Name of High School: _____

College Board CEEB Code: (six digits) _____

High School Address: _____
Number and Street City State Zip Code

Student Rank: _____ **Class Size:** _____ **Student GPA:** _____ **Scale:** _____
 Weighted Unweighted Weighted Unweighted

APPLICANT'S STANDARDIZED TEST SCORES (please list all applicable scores):

PSAT Critical Reading: _____ SAT Critical Reading: _____ PLAN: _____
PSAT Math: _____ SAT Math: _____ ACT: _____
PSAT Writing: _____ SAT Writing: _____ ACT Math: _____

CERTIFICATION

I hereby certify that the information I have provided is accurate and true as of the date indicated below.

Name of Guidance Counselor: _____

Signature of Guidance Counselor: _____ **Date:** _____

MAILING INSTRUCTIONS:

Once completed, please return this form to the student along with an unofficial high school transcript and school profile. Or, you may mail or fax the required forms to:

UW Mathematics Academy, Box 352180, Seattle, WA 98195 | Fax: 206-616-8554

OPTION 1: Take skills test at the UW College of Engineering

Date: Saturday, March 10, 2012 OR Saturday, March 17, 2012
Time: 11am-12pm
Location: Engineering Academic Center, 2nd Floor Loew Hall
Register for a test date online by March 3, 2012: <https://catalyst.uw.edu/webq/survey/dass/154755>
Rules: Students will only need to bring a pencil; calculators are not permitted.

OPTION 2: Take skills test at your high school

Date: Must be completed by March 15, 2012.
Rules: Skills test must be proctored by a teacher, counselor, or school administrator. Proctor must sign and date the cover sheet of the test, confirming that they have followed the requirements below. Students will be given 50 minutes to complete the exam. **Students will only need to bring a pencil; calculators are not permitted.**

Register your test date and proctor information online by March 3, 2012:
<https://catalyst.uw.edu/webq/survey/dass/154755>

The online registration will require students to provide their own information as well as the following:

- Proctor Name
- Proctor Title
- Proctor Email Address
- Testing Location
- Testing Date (ok to list a future date)

Proctor Requirements (these are also listed on the cover sheet of the exam, with space for a signature):

1. Proctor must be a teacher/counselor/school administrator who is not related to the student.
2. The proctoring site cannot be a private residence.
3. Proctor must verify each test candidate's identity prior to the start of the examination.
4. Test candidates must not view the examination prior to taking it.
5. **Test candidates must not use any calculators, books, notes, online content, or other items, except blank paper provided by myself during the examination.**
6. Test candidates must never be left unattended at any time during the examination.
7. Test candidates must remain within proctor's field of vision during the duration of the examination.
8. Test candidates must be seated in such a way as to limit their view of others' work.
9. Test candidates must depart the examination room without their supplied scratch paper at the conclusion of the examination.
10. Proctor must certify that he/she supervised the administration of the examination and that test candidates have completed the examination in accordance with all instructions and requirements as outlined on the examination cover sheet.

Proctor should return the completed skills test immediately to the UW Math Academy via mail or fax. Once the Math Academy has confirmed receipt of the assessment, the original (if faxed) must be destroyed.

UW Mathematics Academy, Box 352180, Seattle, WA 98195 | Fax: 206-616-8554