

California State University, San Bernardino
With the support of the NATIONAL SCIENCE FOUNDATION
Mathematics and Science Scholars (MASS) program
Transfer Student Application Form

The National Science Foundation (NSF) has awarded CSUSB a grant for scholarships to students majoring in mathematics and science disciplines at CSUSB and who meet the described eligibility criteria. It is designed to recruit and retain more students to the STEM disciplines. The MASS program targets academically talented students who demonstrate **financial need** and who intend to pursue a **major in mathematics, engineering or science**. Need-based awards will be up to \$5000.00 per student for a year as long as the student is enrolled full-time and remains in good academic standing. For transfer students accepted in 2012-2013, up to three years of support may be available. Students with no financial need may still be admitted to the program, which offers many advantages, including priority registration, and receive \$100 stipend from the College of Natural Sciences.

Eligibility Criteria:

1. Full-time enrollment (**minimum 12 units per quarter**) at CSUSB with a declared major in Biology, Chemistry/Biochemistry, Computer Science/Engineering, Geological Sciences, Mathematics, or Physics.
2. Transfer cumulative GPA must be 3.5 or higher.
3. Evidence of financial need, as determined by the Office of Financial Aid at CSUSB.
4. Must be a citizen of the United States, National of the United States (as defined in section 101 (a) of the Immigration and Nationality Act), alien admitted as refugee under Section 207 of the Immigration and Nationality Act , or alien lawfully admitted to the United States for permanent residence at the time of submitting your application.
5. Must have a demonstrated interest in science and in actively pursuing a career in either scientific research, industry or in teaching science in one of the STEM disciplines. (Biology, Chemistry/Biochemistry, Computer Science/Engineering, Geological Sciences, Mathematics, and Physics)

To Apply:

- You must first complete and submit a CSUSB application. This can be done online at <http://www.csumentor.edu>.
- Submit a FAFSA (Free Application for Federal Student Aid) either through the Financial Aid Office or online at <http://www.fafsa.ed.gov>.
- Complete and return the MASS Application Form. Include a copy of your most recent community college transcripts. (Official and Un-official copies will be accepted.)
- Submit a personal essay describing why you should be chosen and why you are pursuing an education in mathematics or science.
- Two (or more) letters of recommendation, at least one from a science or mathematics teacher or professor, must be submitted.
- Return completed application to: **MASS Program, Department of Chemistry and Biochemistry, CSUSB, 5500 University Parkway, San Bernardino, CA 92407-2397.**

MASS Application Deadline:

Applications will be evaluated beginning March 15, 2012, for support beginning in the 2012-2013 AY, and will continue until funds are expended.

CSUSB/NSF- Math and Science Scholars (MASS) program
TRANSFER Application Form

Please complete all areas of the application. Type or print legibly

Name _____ Date _____

Address _____

City _____ State _____ Zip code _____

Home Phone: () _____ Work: () _____ Cell: () _____

Email: _____ **CSUSB** Email: _____ GPA: _____

Coyote ID: _____

Intended or Current CSUSB Major:

- | | |
|--|---|
| <input type="checkbox"/> Biology | <input type="checkbox"/> Geology |
| <input type="checkbox"/> Chemistry | <input type="checkbox"/> Mathematics |
| <input type="checkbox"/> Biochemistry | <input type="checkbox"/> Physics |
| <input type="checkbox"/> Computer Science or Engineering | <input type="checkbox"/> Other, please specify: _____ |

California Resident: () Yes () No

U.S. Citizen: () Yes () No

Refugee/ Alien: () Yes () No

Permanent Resident: () Yes () No

Do you have a demonstrated financial need? () Yes () No

Community College Transferred from: _____

Community College GPA: _____

Please include current transcripts from all Community Colleges attended with your application

Mathematics and Science Course List:

Please list ALL current and completed Mathematics and Science courses, indicating the letter grade you received in completed courses. (Attach additional sheets if necessary)

Course (name/number)	Course Title	School/College where you took the course and Term/Year Taken	Grade
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1	_____	_____	_____
2	_____	_____	_____
3	_____	_____	_____
4	_____	_____	_____
5	_____	_____	_____
6	_____	_____	_____
7	_____	_____	_____
8	_____	_____	_____

Extracurricular Activities:

Please list your extracurricular activities, highlighting those related to Mathematics and Science.

Activity Title	Description	Dates
1	_____	_____
2	_____	_____
3	_____	_____
4	_____	_____
5	_____	_____

To Maintain & Renew your MASS Award you must:

1. maintain full-time enrollment (minimum 12 units per quarter) at CSUSB with a declared major in Biology, Chemistry/Biochemistry, Computer Science, Computer Engineering, Geological Sciences, Mathematics, or Physics.
2. demonstrate financial need, as determined by the CSUSB Office of Financial Aid
3. maintain a minimum cumulative GPA of 3.3
4. meet with your assigned MASS faculty mentor each quarter prior to registration
5. receive a positive review and recommendation from the assigned MASS faculty mentor
6. attend at least two MASS approved co-curricular activities per academic quarter

Priority registration will be awarded to all MASS participants, provided they maintain the above six listed requirements.

Please Note: The MASS Scholarship could affect your other financial aid awards, in particular State University Grants. Before accepting your MASS award, please contact Irene Carrasco, icarrasc@csusb.edu for more information and to assure that there are no financial constraints in accepting this scholarship. Recipients of Presidential Academic Excellence Awards are not eligible for the MASS Scholars program.

Include a 1- page typed essay (doubled space, 12 point font) discussing your professional goals and explaining why you should be considered for the *MASS* program. Evaluation of your application will be based in part on content and composition of this essay.

Suggested Essay Topics:

1. Assuming that your goal is to obtain an undergraduate degree in one of the participating science disciplines, what are your long-term plans after graduation?
2. How did your High School or Community College science education prepare you to pursue an undergraduate science degree at CSUSB?
3. Why have you chosen your particular major?

Name, addresses, and contact numbers for your 2 references:

Name # 1: _____

Title: _____

Address: _____

Phone: () _____ Email: _____

How does this person know you? _____

Name # 2: _____

Title: _____

Address: _____

Phone: () _____ Email: _____

How does this person know you? _____

1. I give CSUSB permission to release this information to the NSF, if required.
2. I give CSUSB permission to publicize my *MASS* scholarship award.
3. I understand that, as a *MASS* scholar, I must be enrolled full-time (minimum of 12 units per quarter) in one of the STEM disciplines and must maintain a 3.3 GPA minimum in each quarter for the duration of my award
4. I understand that my *MASS* scholarship might affect other financial aid awards, in particular any State University Grants.
5. I certify by my signature that I have read and understood the information in this application and that it is complete and accurate.

Signature of Applicant

Date

RECOMMENDATION LETTER FORM

To the applicant:

Under the Family Education Rights and Privacy Act of 1974 (FERPA), you are entitled to review this letter of recommendation or to waive your right to access.

Please check the appropriate box and sign below before giving this form to the individual from whom you are requesting a letter of recommendation.

- () I waive my right to review this letter of recommendation.
- () I do not waive my right to review this letter of recommendation.

To the endorser:

Please include this form when submitting your letter of recommendation.
You may use this form or you can submit the recommendation on your school's or organizations official letterhead.

Name of applicant: _____

How long have you known the applicant and under what circumstances?

How would you rate the applicant in comparison to all other students you have known in the past three years? (top 5%, 10%, 25%, etc).

Why do you recommend the applicant for a scholarship? What qualities, personal characteristics, and interest does the applicant possess which make her/him outstanding among other students?

Signature _____ **Date** _____

Please PRINT Name: _____ **Title:** _____

School/Department: _____ **Email:** _____

Address: _____

Phone: () _____ - _____

Return this form along with your letter of recommendation if typed on letterhead to:
Irene Carrasco, Department of Chemistry and Biochemistry, California State University, San Bernardino,
CA 92407-2397.

If you have any questions contact,
Irene Carrasco at (909) 537-5391 or via Email at icarrasc@csusb.edu.

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Keep this for your information – should you have any questions.

Below is a list of contact names and phone numbers for Mentors and Program Coordinators.

BIOLOGY	CHEMISTRY/BIOCHEMISTRY
<p>Kevin Middleton, PhD MASS Biology Mentor Associate Professor, Biology California State University, San Bernardino Phone: (909) 537-5577 Email: kmm@csusb.edu</p>	<p>Douglas C. Smith, PhD MASS Chemistry/Biochemistry Mentor Associate Professor, Chem & Biochem California State University, San Bernardino Phone: (909) 537-5387 Email: dcsmith@csusb.edu</p>
COMPUTER SCIENCE & ENGINEERING	GEOLOGICAL SCIENCES
<p>Haiyan Qiao, PhD MASS Comp. Sci. & Engineering Mentor Assistant Professor, CSE California State University, San Bernardino Phone: (909) 537-5429 Email: hqiao@csusb.edu</p>	<p>Joan Fryxell, PhD MASS Geology Mentor Professor, Geological Sciences California State University, San Bernardino Phone: (909) 537-5311 Email: jfryxell@csusb.edu</p>
MATHEMATICS	PHYSICS
<p>Laura Wallace, PhD MASS Mathematics Mentor Professor, Mathematics California State University, San Bernardino Phone: (909) 537-7113 Email: wallace@csusb.edu</p>	<p>Paul Dixon, PhD MASS Physics Mentor Professor and Chair, Physics California State University, San Bernardino Phone: (909) 537-5399 Email: pdixon@csusb.edu</p>

For questions regarding the MASS scholarship application or CSUSB Financial Aid contact:

Irene Carrasco,
MASS Program Assistant
Department of Chemistry and Biochemistry
(909) 537-5344 – Email icarrasc@csusb.edu

For general programmatic questions or if one of the above mentors is not available contact:

Kimberley Cousins, PhD,
MASS Project Director
Professor of Chemistry and Biochemistry
Phone: (909) 537- 5391 - Email: kcousins@csusb.edu

Project web site: <http://cns.csusb.edu/students/massScholars.html>