



Mt. SAC STEM Teacher Preparation Program Student Application



APPLICANT: All sections of this application MUST be **neatly** completed. Please submit this completed application form, TWO faculty recommendations along with YOUR UNOFFICIAL TRANSCRIPT to:

Dr. Iraj Nejad, or Dr. Charles Newman, Chemistry Department, office 7-2108C or 7-2108I

DUE DATE: **April 15, 2015**

**Applications received after the deadline will be considered based on space availability.*

LAST NAME: _____ FIRST NAME: _____ MI: _____

GENDER ☐ FEMALE ☐ MALE STUDENT ID# _____

U.S. CITIZEN? ☐ YES ☐ NO PERMANENT RESIDENT ID # _____

ETHNICITY (for statistic purposes only)

- ☐ AMERICAN INDIAN/ALASKAN NATIVE ☐ ASIAN AMERICAN
☐ BLACK/AFRICAN AMERICAN ☐ CHICANO/MEXICAN AMERICAN
☐ CAUCASIAN ☐ LATINO ☐ PACIFIC ISLANDER
☐ PUERTO RICAN ☐ MULTI-RACIAL

FIRST GENERATION COLLEGE STUDENT? ☐ YES ☐ NO

CURRENT ADDRESS

NUMBER AND STREET _____

CITY _____ STATE _____ ZIP CODE _____

HOME PHONE () - CELL PHONE () -

E-MAIL ADDRESS _____

CURRENT EDUCATION INFORMATION

Declared or Intended MAJOR: _____

Number of units completed at Mt. SAC: _____ Current cumulative Mt. SAC G.P.A. _____

List the **specific** majors level **SCIENCE AND MATH COURSES** that you have completed at Mt. SAC (see the list below) or another institution, along with the grades earned for each course.

	BIOLOGY	CHEMISTRY	PHYSICS	MATH	GEOLOGY	COMPUTER SCIENCE and TECHNOLOGY
Course						
Grade						
Course						
Grade						

EDUCATIONAL PLAN

In Fall **2015**, I plan to: ☐ Return to Mt. SAC ☐ Transfer to a 4-year institution

If returning to Mt. SAC, do you plan to transfer the following Year? ☐ Yes ☐ No

Which college/university do you plan to transfer to? _____

What is the major that you will pursue at that university? _____

INTEREST IN THE Mt. SAC STEM Teacher Preparation Program

(Please Type in your answers. You may use a separate sheet of paper to type in your answers and staple it to the application).

1. Briefly describe why you are interested in participating in the Mt. SAC STEM Teacher Preparation Program?
2. What area(s) and at what level (middle, high school or other) you are interested in teaching and why?
3. Specifically, what characteristics and/or experiences draw you to a profession in teaching?
4. Identify those characteristics that would differentiate you from other applicants for becoming a STEM teacher. Give **THREE** examples.

REFERENCES

Please print **two** copies of the "Faculty Recommendation Form" and take them to TWO Mt. SAC faculty who will be writing you letters of support. At least one of the letters must be from a STEM faculty. Submit the recommendation letters along with your completed application package that includes YOUR UNOFFICIAL TRANSCRIPT.

By signing below, I certify that all information submitted in my application is true and accurate. I authorize the Selection Committee to review my official transcript(s) and all other data relevant to this application. **I also authorize any and all entities of Mt. SAC and National Science Foundation (NSF) access to any and all information contained in my educational records.**

APPLICANT'S SIGNATURE _____ Date _____

**Meeting the minimum eligibility requirements does not guarantee your selection for the program. Faxed and/or emailed applications will not be accepted. All decisions made by the Selection Committee are final and are not subject to appeal. Application materials, upon submission, become the property of Mt. SAC and will not be returned to you.*

MAJORS-LEVEL STEM COURSES

Discipline	Course	Course Description	Units	Transfer
Biology	BIOL 2	Plant and Animal Biology	4	CSU, UC
	BIOL 4/4H	Biology for Majors	4	CSU, UC
	BIOL 8	Cell and Molecular Biology	4	CSU, UC
	BTNY 3	Plant Structures & Functions	5	CSU, UC
	ANAT 35	Human Anatomy	5	CSU, UC
	ANAT 36	Human Physiology	5	CSU, UC
Chemistry	CHEM 50/50H	General Chemistry I	5	CSU, UC
	CHEM 51	General Chemistry II	5	CSU, UC
	CHEM 80	Organic Chemistry I	5	CSU, UC
	CHEM 81	Organic Chemistry II	5	CSU, UC
Physics/Eng	PHYS 2AG	General Physics	4	CSU, UC
	PHYS 2BG	General Physics	4	CSU, UC
	PHYS 4A	Engineering Physics	5	CSU, UC
	PHYS 4B	Engineering Physics	5	CSU, UC
	PHYS 4C	Engineering Physics	5	CSU, UC
	ENGR 8	Properties of Materials	4	CSU, UC
	ENGR 40	Statics	3	CSU, UC
	ENGR 41	Dynamics	3	CSU, UC
	ENGR 42	Mechanics of Materials	3	CSU, UC
	ENGR 44	Electrical Engineering	4	CSU, UC
Mathematics	MATH 110	Elementary Statistics	3	CSU, UC
	MATH 130	College Algebra	4	CSU, UC
	MATH 150	Trigonometry	3	CSU, UC
	MATH 160	Pre-calculus Mathematics	4	CSU, UC
	MATH 180	Calculus and Analytic Geometry	4	CSU, UC
	MATH 181	Calculus and Analytic Geometry	5	CSU, UC
	MATH 280	Calculus and Analytic Geometry	4	CSU, UC
	MATH 285	Linear Algebra & Differential Equations	5	CSU, UC
Geology	GEOL 1	Physical Geology	4	CSU, UC
	GEOL 2	Historical Geology	4	CSU, UC
	GEOL 7	Geology of California	3	CSU, UC
	GEOL 9	Environmental Geology	3	CSU, UC
Computer Science	CSCI 110	Fundamentals of Computer Science	3.5	CSU, UC
	CSCI 140	C++ Language & Object Develop.	4	CSU, UC
	CSCI 145	Java Language & Object Oriented Programming	4	CSU, UC
	CSCI 220/220L	Data Structure I (& Laboratory)	3/1	CSU, UC
	CSCI 230/230L	Data Structure II (& Laboratory)	3/1	CSU, UC