



Citrus ID # _____

Summer Research Experience Cover Sheet

Name: _____ Phone# _____
Last First MI

Participants in the Summer Research Experience will gain firsthand experience in scientific investigation in a dynamic, collaborative research environment. The experience is paid (up to \$5,000) and **requires a full-time commitment for 8 to 10 weeks from June 17 through August 9 or 23, 2019, participation in all program evaluation components, and in the September 2019 Research Symposium at Citrus College.**

To be eligible to apply you must be:

- Enrolled at Citrus College as your primary college with continued enrollment through Spring 2019
- Planning to transfer in a STEM major
- Working towards your first bachelor’s degree
- Finished with a minimum of two STEM classes by June 2019
- Willing to make a **full-time commitment** (work 40+ hours/week)
- Available and **committed to participating in the Fall 2019 Research Symposium** at Citrus College by presenting your research poster

A complete application includes the following:

- Summer Research Experience Cover Sheet (**signed**)
- Completed Summer Research Application Form
- Completed Personal Statement Form (**please see page 5**)
- One-page résumé**
- Unofficial transcripts from **ALL** colleges and universities you have attended
- A print out of your Fall 2018 Financial Aid Award letter (**can be found in Wingspan**)
- Two letters of recommendation submitted electronically (www.citruscollege.edu/stem/summerresearch)

Please read the following statements and check the appropriate boxes.

- I understand that the Summer Research Experience is offered in collaboration with partner universities and institutions. I give my permission for this application to be shared with partner campuses/sites to assist with placement.*
- I understand that the Summer Research Experience is funded by federal grants that have an evaluation component. I give my permission for the documents submitted as part of this application to be shared with project evaluators.*
- I hereby certify to the best of my knowledge that all information submitted as a part of this application is complete and correct. I understand that failure to disclose accurate information is grounds for immediate termination from this program.*
- I understand SRE requires a full-time commitment which may require work on the weekends. I understand that I cannot take any summer classes, travel, or be out of town during the duration of the program.*

Applicant’s Signature

Date

Please submit your completed application to Monica Hernandez in SS 172 no later than:

Priority Application Deadline: December 19, 2019 by 5:00pm

Final Application Deadline: March 1, 2019 by 5:00pm



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STEM SUMMER RESEARCH EXPERIENCE APPLICATION

Contact Information

Address: _____

Permanent home phone number: (_____) _____ Cell phone number: (_____) _____

Citrus E-mail address: _____@student.citruscollege.edu

Alternate E-mail address: _____

Academic Information

Last High School Attended: Name _____ City _____

List all colleges and universities you have attended:

College Attended	Start date	End Date	Units completed	Reason for leaving
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Citrus Major: _____ Citrus GPA: _____ Expected Transfer Date: _____

Have you applied to transfer for Fall 2019? Yes No If yes, what colleges or universities did you apply to?

College/University	Major
_____	_____
_____	_____
_____	_____

Do you plan to attend graduate school (Masters and/or Ph.D.)? Yes No

Do you plan to attend medical or another health professional school? Yes No

If "yes" to any, please indicate field of interest _____

Research Experience

Have you had any previous research experience through Citrus (RISE/SRE) or another institution? Yes No

If yes, please indicate the location and date(s) and provide a brief description of experience: _____

Please complete the chart below indicating the STEM classes you have taken by writing your grade in the box next to each completed class. Classes taken at other colleges are also acceptable. Indicate those you are presently taking with a grade of IP=in progress. **Do not be concerned if you have only taken a couple of the courses listed below.**

Anthropology Courses	Course #	Grade	Astronomy Courses	Course #	Grade
Physical Anthropology	ANTH 212		Planetary Astronomy	ASTR 115	
Physical Anthropology Lab	ANTH 212 L		Stellar Astronomy	ASTR 116	
			Life in the Universe	ASTR 117	
Biology Courses	Course #	Grade	Chemistry Courses	Course #	Grade
Human Genetics	BIO 102		College Chem 1	CHEM 103	
Contemporary Topics	BIO 104		College Chem 2	CHEM 104	
General Biology	BIO 105		Beg. General Chem	CHEM 110	
HIV/AIDS	BIO 116		General Chem 1	CHEM 111	
Molecular & Cellular Biology	BIO 124		General Chem 2	CHEM 112	
Evolution, Ecology, Biodiversity	BIO 125		Organic Chem A	CHEM 210	
Environmental Science	BIO 145		Organic Chem B	CHEM 220	
Anatomy	BIO 200		Biotechnology Courses	Course #	
Physiology	BIO 201		Lab Skills & Documentation	BIOT 110	
Microbiology	BIO 220		Biotech Quality & Regulation	BIOT 125	
			Biomanufacturing & Quality	BIOT 150	
Computer Science Courses	Course #	Grade	Info Tech / Info Systems Courses	Course #	Grade
Intro to Programming	CS 111		Information Technology	ITIS 104	
Java Programming	CS 140		Network Technology	ITIS 107	
iOS Programming I	CS 157		Network Operating Systems	ITIS 108	
Unity Game Programming I	CS 177		Network & Computer Security	ITIS 109	
Object-Oriented Programming	CS 225		Computer Info Systems	ITIS 115	
Programming Concepts	CS 232		Web Design Using HTML	ITIS 119	
Computer Architecture	CS 242		Microcomputer Applications I	ITIS 130	
Discrete Structures	CS252		Programming Fundamentals	ITIS 141	
Unity Game Programming II	CS 277		Database Concepts	ITIS 160	
Earth Science Courses	Course #	Grade	Forestry Courses	Course #	Grade
Physical Geology w/o lab	ESCI 119		Intro to Forestry	FOR 101	
Physical Geology w/ lab	ESCI 120		Forest Ecology	FOR 102	
Natural Disasters	ESCI 124		Plant Identification	FOR 103	
Physical Oceanography	ESCI 130		Outdoor Recreation	FOR 104	
Intro to GIS	ESCI 180		Wildland Fire Management	FOR 105	
			Wildlife Management	FOR 106	
Engineering Courses	Course#	Grade	Natural History Courses	Course#	Grade
Intro to Engineering	ENGR 101		Death Valley	NAT 180A	
Statics	ENGR 135		Deserts	NAT 180B	
Math Courses	Course #	Grade	Coastlines	NAT 181A	
Intermediate Algebra	MATH 150		Coastal Mountains & Islands	NAT 181B	
Plane Trigonometry	MATH 151		Inland Mountains	NAT 182A	
Math Analysis	MATH 162		Inland Valleys	NAT 182B	
Intro to Statistics	MATH 165		Physics Courses	Course #	Grade
College Algebra	MATH 170		Physics in Everyday Life	PHYS 110	
Pre-Calculus	MATH 175		College Physics A	PHYS 111	
Calculus I	MATH 190		College Physics B	PHYS 112	
Calculus II	MATH 191		Physics A: Mechanics	PHYS 201	
Calculus III	MATH 210		Physics B: Thermo & Electromag.	PHYS 202	
Differential Equations	MATH 211		Physics C: Waves, Optics & Mod.	PHYS 203	
Intro to Linear Algebra	MATH 212				

Short Answers (please attach your typed responses)

1. What coursework, class projects, and experiences have helped you prepare for a summer research experience? Please discuss the skills you have learned and how you can apply them to the SRE.
2. Briefly discuss how you have spent time outside of attending classes and completing homework during the past two to three years. Have you been involved with extracurricular activities, family responsibilities, work, and/or community service?
3. Briefly discuss your expectations of a summer research experience. What do you expect from your mentor and from the larger research lab community? How do you expect to contribute?

Personal Statement (please attach your typed response)

In 500 words or fewer, describe what interests you in STEM fields (science, technology, engineering, and math) and how participation in the Summer Research Experience will help you move towards your academic goals and/or career interests. Please be sure to address the following points:

- a) What are your short and long-term goals?
- b) How has your background and/or previous experience led you to these goals?
- c) What is your motivation to participate in summer research?
- d) What do you hope to accomplish through your participation in the program?