



Pathways and Career Explorations in STEM

2023-2024

Application
(Year-3 Cohort)

Instructions

With the submission of this application please include transcripts (unofficial ok) from all community colleges for which you are enrolled. Application deadline is **August 4, 2023** by 11:59pm. Submit to: cabrerla@lavc.edu

Contact Information

Name:

Address:

Phone number:

School Email address:

Personal Email address:

PaCES Application

2023-2024

Today's Date _____

LACCD Student ID# _____

First Name _____ Middle (Initial) _____ Last Name _____

Permanent Address: _____

Current Address/Mailing Address (if different) _____

City _____ State _____ Zip _____

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

Demographic information is being collected for the sole purpose of tracking and evaluation of program outcomes but will not be a part of the selection criteria.

Gender _____ Race/Ethnicity 1. _____ 2. _____

If you are Native American, what is your Tribal Affiliation? _____

Is a language other than English spoken regularly in your home? N__ Y__ If yes, specify _____

Are you a first-generation college student? __Y__ __N__ Are you in EOPS? __Y__ __N__

Do you receive financial aid? __Y__ __N__ Total number of units completed: 0-29__ 30-60__ 60+__

Semester and year first enrolled in college _____/_____ Current GPA _____ Cumulative GPA _____

High School Attended _____ Graduation Date _____

LACCD Home Institution _____ Declared Major _____

Professional/Academic Goals _____

Anticipated date of transfer _____

Institutions and majors considering for transfer:

College/University _____ Major at that Institution _____

Obstacles that may interfere with your education? (Check all that apply)

___ Employment issues

___ Family Obligations

___ Knowledge of the educational system

___ Exceptional needs (specify below)

Are you currently employed? __Y__ __N__ If yes, how many hours per week? _____ Job title _____

What is the highest level of education achieved by each of your parents/guardians? (Please indicate by letter)

_____ Father _____ Mother _____ Guardian

A. No school/elementary school

B. 8th grade or less

C. Some high school

D. High School graduate

E. Some college/university

F. Community College degree

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G. 4-year college degree

I. MS/MA/MBA/Ph.D

H. Professional degree (law, medical, etc.)

J. Don't know

Which STEM classes have you completed (C) or are you currently enrolled (E)?

___ Anthropology

___ Chemistry 102

___ Physiology 1

___ Anatomy

___ Computer Science 101

___ Physics (37,38,39)

___ Astronomy 1

___ Computer Science 117

___ Physics (6,7)

___ Biology 6

___ Environmental Sci 1

___ Physics (101,102,103)

___ Biology 7

___ Geography 1

___ Math 261/262- Calculus
1&2

___ Chemistry (51,60,68)

___ Geology 1

___ Math 227- Stats

___ Chemistry 101

___ Oceanography 1

Other STEM classes not listed _____

Highest level of college math passed? _____

ESSAY

In 250 words or less, tell how you think your participation in the PaCES Program will assist you in attaining your future career goals?

PaCES Student Contract

If you are determined eligible for the Pathways and Career Exploration in STEM (PaCES) Program, you are agreeing to follow the contract below. Please read the contract thoroughly, to fully understand what is expected of you as an active PaCES student. The PaCES Program has been created in partnership with Los Angeles Valley College, Los Angeles Pierce College, the University of Southern California and BioScience LA. The goals of the PACES Program are to increase the retention of students in STEM at LAVC/LAPC, increase the rate of transfers to neighboring 4-year Universities as STEM majors and to provide support and resources for STEM students that include professional and career explorations and links to summer research programs, graduate programs, and paid internships. Your participation in the program does not guarantee admission into research programs or paid internships, but participation in the program and adhering to contract requirements may increase your eligibility for consideration and prepare you to be a competitive applicant for transfer to 4-year universities, summer research programs and paid internships.

What PaCES can do for you:

- Provide advising and counseling on research careers and opportunities
- Provide seminars and workshops allowing you to explore different careers in STEM
- Assist you with applications for summer programs and admission for 4-year Universities
- Assist you with securing internships and summer enrichment programs
- Provide connections with transfer students and graduate students at universities within our region

What we need you to do:

- Understand the importance of getting involved in student organizations for your academic and career development by attending PaCES events throughout the calendar year.
- Understand that the study of math, science, engineering, and technology requires your education to be your number one priority
- Develop good study habits (by attending our workshops, tutoring etc.) to improve and maintain your grades.

Track 1: The PaCES Program is a 1-year program that will require that you take a College 101 class in the Fall semester and a Pathways to STEM Workshop in the Spring semester. This track is designed for students who are early in their academics and will be applying for transfer for the Fall 2024 semester or later. Students interested in transferring resources and gaining research experience are invited to apply for the Track 2 program upon completion of Track 1.

Track 2: The PaCES Program is a 1-year program that will require that you take a class (Bio 185 1 unit, Bio 285 2 units) on Fridays and/or Saturdays during the Fall and Spring semesters with the potential to participate in a research capstone at USC Wrigley Institute (by separate application) during the Winter semester. This track is designed for students who are applying for transfer admission during the Fall semester of this application and are considered as sophomores in their STEM major.

By submitting this application, you commit to registering, enrolling, and participating fully in each of these classes.

Track applying for: Track 1 _____ Track 2 _____

PaCES Student Contract/Admissions Agreement/Personal Information Release

- I agree to see the STEM Counselor each semester and follow the suggested educational plan.
- I will notify PaCES of my class schedule each semester
- I will notify PaCES if I fall below a 2.0 grade point average or drop below 12 units per semester
- By participating in this program, I agree to the release of my transcripts and other student information to LAVC/LAVC for the purposes of tracking and reporting
- I understand that participation in PaCES does not guarantee admission into USC or paid internships
- I will participate in all workshops offered by PaCES to the best of my ability. If I cannot attend, I will communicate this with the Program Coordinator
- I agree to enroll in College 101 for STEM (Track 1) or Bio 285 (Track 2) at LAVC during the Fall semester
- I agree to attend the Pathways to STEM (Track 1) or Bio 185 (Track 2) at LAVC during the Spring semester
- I agree to become an active member of the LAVC or LAPC SACNAS Chapter
- I agree to apply for summer research programs or paid internships (Track 2)
- If I matriculate to USC or any other 4-year university, I will notify PaCES of my major
- The PaCES Program is funded by the National Science Foundation (NSF) as part of the HSI Grant. As required by terms of the grant, I agree to be tracked for at least 5 years following completion of the program. I will communicate with PaCES administration yearly to give updates on my academic status, employment and contact information as necessary
- An external evaluator evaluates the PaCES program. I agree to fill out all event related and online surveys in a timely manner. I will also participate in phone surveys and in focus groups as requested
- I will notify PaCES of any changes in my name, address, or phone number and especially my email addresses
- I understand that I will be held to a high standard of ethics, behavior, and commitment to the goals of the PaCES Program
- If I fail to meet my responsibilities as outlined above, I understand that I may be disqualified as a PaCES participant

I give my permission for PaCES to give my name, phone number and address to college representatives, and to use my photograph in PaCES and College promotional materials. **Yes**___ **No**___

By signing below, I understand that I give my permission for PaCES to obtain information about my performance from colleges, financial aid and other offices to determine eligibility for the PaCES Program. I may also be asked to provide additional information for eligibility determination.

I am also aware that participation in the program does not guarantee admission into research programs or paid internships, but participation in the program and adhering to contract requirements may increase my eligibility for consideration and prepare me to become a competitive applicant for transfer to 4-year universities, summer research programs and paid internships.

I certify that I have provided true and correct information.

Applicant Signature _____ **Date** _____ **Director initials** _____