

Essential Requirements of SFSU CLS Internship Program

Admission Requirements:

1. Baccalaureate degree in Clinical Science, Microbiology, Biology or equivalent which must include 18 semester or equivalent quarter hours of biological sciences including: Medical Microbiology, Immunology, and Hematology; 16 semester or equivalent quarter hours of chemistry including: Quantitative Analysis and Biochemistry; 3 semester or equivalent quarter hours of Physics, including instruction in principles of light and electricity and a college-level Mathematics course.
2. Minimum G.P.A. of 3.0 in last 60 semester or 90 quarter units.
3. Applicants with a foreign degree from a non-English speaking country must pass the TOEFL with a minimum score of 550 (written) or 213 (computer).
4. California Clinical Laboratory Scientist Trainee License or eligibility.
5. U.S. citizenship or Resident Alien status.
6. Proof of hepatitis B vaccination or immunity to HBV.

Cognitive, Psychomotor and Affective Abilities:

1. Receive and interpret information in the cognitive, psychomotor and affective domains of learning; remember, reproduce and use it to: solve problems, evaluate work, and generate new ways of processing and categorizing similar information.
2. Effectively synthesize data derived from reading, lectures and laboratory demonstrations.
3. Read and comprehend text, numbers, and graphs displayed in print and on a video monitor.
4. Characterize the color, odor, clarity, and viscosity of biologicals, reagents, or chemical reaction products.
5. Employ a clinical grade binocular microscope to discriminate fine structural and color differences of microscopic specimens.
6. Be able to measure, calculate, and analyze clinical laboratory information.
7. Evaluate test results, QC data, and clinical laboratory situations to make reasonable decisions regarding an appropriate course of action within given time constraints.
8. Possess and apply critical reasoning and independent decision-making skills.
9. Solve practical problems and deal with a variety of variables in situations where only limited standardization exists.
10. Process multiple testing situations simultaneously.
11. Possess and exercise sufficient judgment to recognize and correct performance deviations.
12. Maintain upright posture while sitting or standing.
13. Physically move to lecture, lab, and clinical locations so as to learn didactic material and perform assigned laboratory and clinical tasks.
14. Physically maneuver in required clinical and laboratory settings to safely accomplish tasks.
15. Perform moderately taxing continuous physical work, which often requires prolonged sitting over several hours.
16. Maintain an object in a constant position for an extended period.
17. Perform precision movements.
18. Extend arm(s) over, under, or around equipment as required at each laboratory workstation.
19. Reach laboratory bench tops and shelves, patients lying in hospital beds, or patients seated in specimen collection furniture.
20. Maneuver an individual's arm, phlebotomy and culture acquisition equipment to safely collect valid laboratory specimens from patients.
21. Legibly record/document test results, evaluations, or required notes on laboratory worksheets, logs, or report forms.
22. Operate a push-button telephone, electronic keyboard, microscope, semi-automated and automated instrumentation, or other analytical device used in a laboratory setting.
23. Visually identify tiny markings and inscriptions.
24. Visually identify color changes.
25. Hear and effectively respond to verbal requests from patients, coworkers, and other health care professionals.
26. Interpret the language used to communicate lectures, instructions, concepts, questions, and answers.
27. Follow verbal and written instructions in order to correctly and independently perform laboratory test procedures.

28. Arrange transportation and living accommodations during campus/clinical assignments to foster timely reporting to the classroom and clinical affiliate.
29. Recognize potentially hazardous material, equipment and situations, and safely proceed thereafter to minimize risk of injury to self and others.
30. Adapt to working with unpleasant biologicals.
31. Demonstrate appropriate control of behavior and emotions.
32. Sustain the mental and emotional rigors of a demanding educational program in clinical laboratory science which include components that occur within set time constraints and often concurrently.
33. Acknowledge and respect individual values and opinions in order to foster harmonious working relationships with colleagues, peers, and patients.
34. Manage time and systemize actions in order to complete professional and technical tasks within realistic time constraints.
35. Provide professional and technical services while experiencing the stresses of task-related uncertainty, emergent demands, and a distracting environment.
36. Be flexible and creative so as to adapt to professional and technical change.
37. Complete all tasks with absolute honesty; perform tasks and record results without bias; be forthright about errors and uncertainty.
38. Demonstrate compassion and concern for others.

Health Attributes:

1. Possess the physical health to meet the challenge of attending all training sessions and satisfactorily completing all assigned tasks within established time frames.
2. Possess the emotional health necessary to effectively employ intellect and exercise appropriate judgment and behavior.
3. Maintain general good health and self-care so as not to jeopardize the health and safety of others.

Professional Behaviors:

1. Demonstrate initiative to perform assigned tasks and to seek unsolicited tasks.
2. Demonstrate interest in learning and asks relevant questions.
3. Demonstrate responsibility.
4. Demonstrate the ability to communicate effectively, formulate thoughts, speak clearly and relay information.
5. Accept constructive criticism and applies it as positive information.
6. Demonstrate interpersonal skills, is able to work as a team member and functions well with others in a teaching – student setting.
7. Maintain professional demeanor and work quality and quantity.
8. Demonstrate integrity, follows procedure and admits to errors.
9. Demonstrate cleanliness, orderliness, and promptness.
10. Display confidence while recognizing limitations.

I, student copy , have read the above Essential Requirements of the CLS Internship Program at SFSU and hereby commit that I am able to meet or surpass these Expectations.

Applicants are not required to reveal impediments or disabilities, but are strongly encouraged to discuss any concerns about their ability to meet the above-mentioned Essential Requirements with program officials at the earliest possible time.