Dear Prospective Applicant:

Thank you for requesting information about graduate programs in public health at California State University, Long Beach. Our programs are positioned to provide you with an outstanding education (one that offers both breadth and depth) that will lead to exciting and challenging career opportunities. Graduates of our programs are employed in health education leadership roles throughout the Southern California area as well as in state and federal government agencies. Graduates also perform crucial roles in private companies and in the volunteer agency sectors.

Our graduate programs have excellent faculty who are active in teaching, research, and service. They are nationally and internationally recognized for their contributions to professional organizations and for their research. There are ample opportunities to collaborate with faculty on research and academic projects. In some instances, scholarships, research assistantships, and graduate assistantships may be available to support advanced students.

The program (MS, MPH, and MSN/MPH degrees) is fully accredited by the Council of Education in Public Health. Such accreditation is a necessary qualification for employment by many governmental agencies. A particular advantage of the program is convenient scheduling of classes, which are offered during evening hours to accommodate the needs of working adults who wish to advance in their profession. Completion of a graduate degree in health education leads to many opportunities including transition to a new career in public health, career advancement, or further graduate study at another institution.

In closing, please review this booklet carefully and consider applying to our graduate program. Our faculty, advisors, and staff will be most happy to answer any questions that you may have.

Robert Friis, Ph.D.
Professor and Department Chairperson
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**Mission Statement and Goals**

**Mission Statement of the Health Science Graduate Program**
The mission of the Health Science Graduate Program is to educate and develop public health professionals to take a leadership role in serving the health promotion and disease prevention needs of diverse populations.

**Major Goals of the Health Science Graduate Program are to ensure the:**
1. Mastery of public health and health education knowledge and skills;
2. Application of public health competencies with a clear vision of values and ethics that will define their practice;
3. Acquisition of leadership roles in a wide variety of public health and health care settings;
4. Incorporation of research skills into practice;
5. Adoption of collaborative model for use in their public health practice; and
6. Development of appropriate strategies to respond to a diverse community.

**Graduate Programs in Community Health Education**

The Master of Public Health in Community Health provides students with the opportunity to:
- Specialize in community health education and health promotion within the general context of public health;
- Increase competence in designing, implementing, and evaluating behavior change programs in preparation for serving in various health agencies, and;
- Prepare for teaching at college and university levels and for administrative positions in public and private health agencies.

The Master of Science program is designed to provide students with:
- Intensive study of health education concepts, theories, and processes;
- An introduction of public health concepts and issues, and;
- Research methodology appropriate to the in-depth examination of a health topic.

The Masters of Science in Nursing/Masters in Public Health provides the opportunity for students to:
- Specialize in advanced practice public health nursing within the general context of the Masters of Public Health; and
- Increase competence in designing, implementing, and evaluating behavior change programs in preparation for serving in various health agencies.

The MPH requires 42 units, including three units of electives and six units of internship. Having a somewhat more flexible curriculum, the MS program requires 43 units including 18 units of electives and four units of thesis. The Department of Health Science and the Department of Nursing govern the MPH/MSN, which requires 57 units, jointly. If you are interested in the MPH/MSN program, you may obtain a brochure by calling 562/985-4473. The department typically offers graduate courses in the late afternoon and evening to accommodate professional students.

For more detailed information on these programs you may visit our department web site: [http://www.csulb.edu/depts/hs/htdocs/pages/gradstudy.html](http://www.csulb.edu/depts/hs/htdocs/pages/gradstudy.html)

**Accreditation**

The Graduate Program in Health Education is fully accredited by the Council on Education for Public Health until 2007. The Council on Education for Public Health (CEPH) is an independent agency recognized by the US Department of Education to accredit schools of public health and certain public health programs offered in settings other than schools of public health. These schools and programs prepare students for entry into careers in public health. The primary professional degree is the Master of Public Health (MPH) but other masters and doctoral degrees are offered as well. The Department of Health Science—Master’s in Public Health Program has been accredited since 1983.
<table>
<thead>
<tr>
<th>Name</th>
<th>Title and Qualifications</th>
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</table>
| Veronica Acosta-Deprez | Associate Professor  
Ph.D., C.H.E.S.  
University of Wisconsin, Madison  
*Professional & Research Interests:*  
International Health  
Community Health  
Multicultural Health Education  
Alternative Health |
| Robert H. Friis    | Professor and Chair  
Ph.D.  
Columbia University  
*Professional & Research Interests:*  
Epidemiology  
Health Statistics  
Research |
| Stephanie Eatmon   | Director, Radiation Therapy Program  
Ed.D., R.T.  
University of La Verne  
*Professional & Research Interests:*  
Radiation Therapy  
Cancer  
Cancer Treatment |
| Sarath Gunatilake  | Professor  
Dr.P.H., University of Hawaii  
M.D., University of Colombo, Sri Lanka  
*Professional & Research Interests:*  
International Health  
Community Health  
Health Administration |
| Dale W. Evans       | Professor  
H.S.D., C.H.E.S.  
Indiana University  
*Professional & Research Interests:*  
Teacher Education  
Drug Education  
Teaching Methods |
| Alan C. Henderson  | Professor  
Dr.P.H., C.H.E.S.  
University of California, Los Angeles  
*Professional & Research Interests:*  
Health Behavior  
Community Health  
School and College Health  
Health Services Administration |
| Gail Farmer         | Professor  
Dr.P.H.  
University of California, Los Angeles  
*Professional & Research Interests:*  
Epidemiology  
Health Behavior  
Research |
| Javier Lopez-Zetina | Assistant Professor  
Ph.D.  
University of Houston  
*Professional & Research Interests:*  
Environmental Health  
Epidemiology  
Community Health  
Statistics |
| Mohammed Forouzesh  | Professor, Director of Graduate Program  
M.P.H., Ph.D., C.H.E.S.  
University of Tennessee, Knoxville  
*Professional & Research Interests:*  
Program Evaluation  
Tobacco Control Program Studies  
Youth Violence & Adolescent Health Community Health Program Planning |
| C. Kevin Malotte    | Professor  
Dr.P.H.  
University of California, Los Angeles  
*Professional & Research Interests:*  
Health Education  
Health Behavior  
Intervention Research |
All application materials must be submitted in one envelope by the deadline.

All applicants must have a bachelor’s degree from a recognized university or college, show evidence of satisfactory preparation in quantitative and/or qualitative subject areas, and have an acceptable academic record.

This packet contains the Masters Program Application and the Applicant's Narrative Statement, which are to be completed and mailed to the Department of Health Science. In addition, an official copy of transcripts from all colleges and universities you have attended is required. Additionally, a professional resume and three letters of recommendation must be received before your application will be considered. Both the University and the Department of Health Science must admit applicants who wish to enroll in the MPH or MS program. For the joint MSN/MPH program, the University and the Nursing Department must admit you.

Denied application materials submitted to the department for consideration of admission will be discarded 60 days upon completion of the selection process. Re-applicants must submit all new materials. Incomplete applications and all support documents submitted/postmarked after the deadline will not be reviewed and will be disposed of. The application and all supporting documents will become the property of the MPH program and will not be released or returned.

Transfer Credit

Pre-admitted students are advised not to take classes on their own from the University or University Extension Services without seeking the advise from the graduate advisor. Courses taken on your own may not be accepted by the department toward a degree program. A maximum of 9 units of graduate work at the post-baccalaureate level may be credited to the students' program requirements upon departmental acceptance to the program. Any additional units prior to being admitted to the program will not be applied to the degree program whether the courses are taken at the University or in the department.

Admission Requirements

Prerequisites

Depending upon your background and experience, prerequisite courses may be required prior to beginning graduate study. Prerequisite courses can be discussed with the graduate advisor.

An overall undergraduate GPA of 3.0 is required. Students with less than a 3.0 GPA who show promise in all other aspects, may be given special consideration after petitioning for conditional admission into the program through the Director of Graduate Studies.

Graduate Record Examination (GRE)

The GRE is a requirement for admission. The computer-based GRE is given year-round. All applicants for graduate admission must take the General Test of the GRE. The GRE measures skills that have been developed over a long period of time. The verbal section tests your ability to analyze and evaluate written material. The quantitative section tests your basic mathematical skills and your understanding of elementary mathematical concepts. Arrangements to take the GRE should be made directly through Graduate Records Examinations.
GRE test results are required for the Admissions Committee review. Scores must be sent to the University and the department from Education Testing Services (ETS). Test scores are official and considered only when they have been received from ETS. Test scores more than three years old will not be accepted. It is the responsibility of applicant to register and submit official scores by the application deadline. A combined score of at least 1,000 must be attained between the verbal and quantitative sections. No exceptions will be made to waive the GRE.

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<tr>
<th>GRE Codes</th>
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<tr>
<td>Institution code 4389</td>
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<tr>
<td>Department code 0616</td>
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</table>

**Application Instructions**

Prospective candidates need to apply to both the Department of Health Science and California State University Long Beach (Office of Admissions and Records).

**Application to CSULB**

A post baccalaureate and graduate admission packet for application to the University may be obtained at the Admissions Office. The completed application and fee should be mailed to:

Office of Admissions and Records  
California State University, Long Beach  
1250 Bellflower Boulevard  
Long Beach 90840-0106

Alternatively, the University application may be completed on-line at: [http://www.csumentor.edu/AdmissionApp](http://www.csumentor.edu/AdmissionApp). In addition, two official copies of transcripts from all colleges and universities previously attended must be sent directly to the Office of Enrollment Services at CSULB, by the institution(s) you attended.

**Dates for Application**

Applications will be accepted beginning November 1st for the fall semester and beginning August 1st for the spring semester. Deadlines for receipt of applications are March 1 for the fall semester and October 1 for the spring semester.

**International Graduate Applicants**

International students are those who hold non-immigrant student or exchange visas and are directed to the office of International Admissions located in the Center for International Education. International students require a separate application process and University application deadline. Refer to the CSULB Catalog for more information. Each applicant for graduate or post-baccalaureate studies, regardless of citizenship, whose prior education was in a country where English was not the primary language of social, educational, and business interaction, must demonstrate English competency by receiving a minimum score of 550 on the Test of English as a Foreign Language (TOEFL), unless the applicant:

1. Submits proof of having obtained a bachelor’s degree from an accredited post-secondary institution. CSULB interprets “where English is the principal language of instruction” to mean that a school is located in a country where English is the native language (the daily medium of communication of the majority of residents is English), and the applicant received academic instruction in all subjects (except foreign language courses) at all levels of education in English. **OR**

2. Notification from CSULB’s American Language Institute that the applicant has successfully completed the American Language Institute’s Bridge to the University Program.

Send all mail correspondence admissions to:

Center for International Education  
International Admissions Office, BH- 201  
California State University, Long Beach  
1250 Bellflower Boulevard  
Long Beach, California 90840-0109  
United States of America

**Alternative correspondence:**

Telephone: (562) 985-5476  
Fax: (562) 985-1725  
Email: cie-admission@csulb.edu  
Website: [http://www.csulb.edu/centers/cie/admissions](http://www.csulb.edu/centers/cie/admissions)  
**OR**  
[http://www.csulb.edu/centers/cie/admissions/howtoapply4.shtml](http://www.csulb.edu/centers/cie/admissions/howtoapply4.shtml)
Please PRINT or TYPE the following information and submit it to the Health Science Department.

Name ___________________________________________________       SS#: __________________________

Gender: □ Female     □ Male     Birthdate _______________________

Other names that may appear on your records ___________________________________________________

Home Phone (_______)______________________ Work Phone (_______)________________________

Address ______________________________________________________________________________

STREET CITY STATE ZIP

Mailing Address (if different from above) ___________________________________________________________

U.S. Citizen: □ Yes     □ No (If no, what is your country of citizenship) ________________________________

Ethnic Identity. Please check one box only. Your response is voluntary and will not affect your admission.

□ American Indian or Alaskan Native         □ Pacific Islander
□ Black, non-Hispanic                        □ White, non-Hispanic
□ Chicano, Mexican-American                  □ Filipino
□ Other Hispanic                             □ Other ________________________________
□ Asian                                      □ Decline to state

Colleges Attended Dates Major Degree
__________________________________________________________________________________________
__________________________________________________________________________________________

Do you plan on attending as a (check one): □ Full-time student     □ Part-time student

Program you are applying for (check one): □ MPH  □ MS  □ MSN/MPH

Have you applied previously to the graduate program? If yes, when? ______________________________

GRE Applicant Reported Score:     V: __________ Q: __________ A: __________

Date test was taken or to be taken: ____________________________________    Score: __________________________

MONTH     DAY     YEAR

Students educated in a foreign country must take the TOEFL (Test of English as a Foreign Language) prior to admission. Please indicate date taken or to be taken, and have official copy of score sent to Admissions and Records.

Date taken (or to be taken): __________________________    Score: __________________________

Academic honors (scholarships, awards, publications). Attach additional sheet if necessary.
**Employment:** List all applicable employment. Include military service but omit summer and part-time work if not relevant to your professional (academic) goal. Indicate present employer. Attach additional sheet if necessary.

<table>
<thead>
<tr>
<th>Employer</th>
<th>Nature of Work</th>
<th>Inclusive Dates</th>
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**Recommendations:** List three individuals who know your academic or professional qualifications; including performance, potential, and motivation, and request that they send letters of reference along with the Letter of Reference form, on your behalf to the Graduate Program.

<table>
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<tr>
<th>Name</th>
<th>Address</th>
<th>Position/Title</th>
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I certify that the information submitted in this application is true, complete and accurate. I understand that any misrepresentation will be cause for denial of admission. I also understand that this application, and all materials submitted in conjunction with it, are confidential and become the property of the Graduate Program, and will not be returned to the student or forwarded to any other party under any circumstances.

______________________________________________________________      _______________________

**APPLICANT’S SIGNATURE**  

DATE

---

**Narrative Statement**

Include the following information in a typewritten statement of between two and three pages in length. Describe those experiences that have shaped your interest in public health. Comment on your current orientation or preferences in the public health field. Describe the one academic experience that has meant the most to you in your educational career. Outline your professional goals, immediate and long term. Discuss why you are interested in the graduate program, the strengths you bring with you and those areas in which you would like to increase your expertise and personal growth.

---

**Letter of Reference Form**

Please provide (3) letters of reference in your completed packet (see page 9). Make copies accordingly and provide the form to the evaluator, academic, or professional.
**LETTER OF REFERENCE FORM**

Applicant’s Name ______________________________________________________________________

LAST    FIRST    MIDDLE

Evaluator’s Name ______________________________________________________________________

LAST    FIRST    MIDDLE

To the applicant: Complete the information requested above and give to the person serving as reference. Please note that generally evaluators may provide information more useful to the program and to you if their evaluations are confidential. If you agree, you may wish to sign the waiver below.

I waive all rights to see or inspect this form or any statement sent to the indicated program as a result of this request.

Signature____________________________________________ Date___________________________

To the Evaluator: You have been selected as a reference by this applicant for admission to the MPH or MS program at CSULB. We hope that you will help both the applicant and us by giving your forthright evaluation of this applicant’s potential to be a public health professional. Note that pursuant to the federal law entitled The Family Educational Rights and Privacy Act of 1974, this letter of reference may be shown to the applicant if the right to examine it has not been waived. Please feel free to write a supplemental narrative letter describing the candidate’s intellectual capacity, leadership ability, motivation, emotional maturity and interpersonal skills.

How long have you known the applicant?  □ Less than one year  □ One year or more

How well do you know the applicant?  □ Casually  □ Fairly well  □ Very well

Briefly explain how you know the applicant. _____________________________________________________

__________________________________________________________________________________________

__________________________________________________________________________________________

Where would you rank this applicant in respect to their qualifications:

<table>
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<tr>
<th>QUALIFICATIONS</th>
<th>EXCELLENT</th>
<th>ABOVE AVERAGE</th>
<th>AVERAGE</th>
<th>BELOW AVERAGE</th>
<th>NOT OBSERVED</th>
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<td>Other applicants you have written academic letters (master’s or doctorate program)</td>
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<tr>
<td>Intellectual ability</td>
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<tr>
<td>Knowledge and competence</td>
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<tr>
<td>Motivation and diligence</td>
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<tr>
<td>Leadership ability</td>
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<tr>
<td>Research ability</td>
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<tr>
<td>Maturity and social skills</td>
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<tr>
<td>Work habits perseverance</td>
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<tr>
<td>Effective communication skills</td>
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<tr>
<td>Writing ability</td>
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<tr>
<td>Initiative and perseverance</td>
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<tr>
<td>Originality, aptitude for independent problem solving</td>
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</table>
Some factors viewed as important for success in this program are: intellectual capacity, leadership ability, motivation, and emotional maturity. If you alone were making the decision, which of the following recommendations would you choose?

- Seek out – Will be a truly outstanding student and later professional.
- Definitely accept – Will complete the indicated program at a superior level.
- Accept – Should complete the indicated program at a satisfactory level.
- Accept, but with reservation concerning ability or motivation (Please explain below)
- Do not accept (Please explain below)

Signature of Evaluator ________________________________________________________________________
Name (print or type) ______________________________________ Title_____________________________
Address___________________________________________________________________________________
Telephone (Office): ___________________________________ (Home): _____________________________

The graduate program and the applicant will appreciate prompt return of this reference, since all application materials must be sent collectively.

**EVALUATOR:**
Please return this recommendation form directly to the applicant in a sealed envelope with your signature across the seal. The applicant will then include the sealed envelope with their supplemental application materials to California State University, Long Beach. Please do not mail the form directly to the university.

Thank you for your cooperation.
California State University, Long Beach
Masters of Public Health Program
**DEGREE REQUIREMENTS**

**Masters of Public Health (minimum of 42 units)**

A. **CORE COURSES (33 units):**
   - HCA 502 (3) The Health Care System
   - HSC 500 (3) Principles of Epidemiology
   - HSC 503 (3) Advanced Community Health Statistics
   - HSC 508 (3) Administrative Relationships in Health Education Programs
   - HSC 528 (3) Advanced Environmental Health
   - HSC 570 (3) Theoretical Concepts and Issues in Health Science
   - HSC 581 (3) Curriculum Development in Health Education
   - HSC 624 (3) Seminar in Community Analysis
   - HSC 625 (3) Advanced Community Health Education
   - HSC 626 (3) Integrative Seminar in Public Health
   - HSC 696 (3) Research Methods

B. **ELECTIVES (AT 500/600 LEVEL) (3 UNITS).**

C. **HSC 585, A SUPERVISED INTERNSHIP EXPERIENCE (6 UNITS).**
   
   Your internship placement will be dependent upon your prior educational and experiential background in health education. Accordingly, some students will have minimal internship required while others will need to complete 480 hours. Regardless of internship variations, all MPH and MSN/MPH students must complete an equivalent of six units of internship. Students are eligible to enroll in internship with approval of the Graduate Advisor. Eligibility includes, at a minimum, Advancement to Candidacy, 3.0 grade point average for all courses attempted, and completion of at least half of the required units for the degree. The graduate program provides students with a variety of opportunities for practice experiences in public health education and health promotion.

D. **A COMPREHENSIVE WRITTEN EXAMINATION.**
   
   The comprehensive examination is the culminating experience for MPH students. It is taken in the last semester of the student’s career in the graduate program. This examination requires broad preparation in public health core content areas as well as content specific to health education. Examination questions stress integration of knowledge and skills acquired in individual classes over an extended period. Students have two opportunities to pass the exam. Failure on the second attempt precludes awarding the degree. It is important for students to know that passing the comprehensive examination is required to earn the MPH degree.

**Masters of Science (minimum of 43 units)**

A. **HEALTH SCIENCE COURSES (21 units):**
   - HCA 502 (3) The Health Care System
   - HSC 500 (3) Principles of Epidemiology
   - HSC 503 (3) Advanced Community Health Statistics
   - HSC 570 (3) Theoretical Concepts and Issues in Health Science
   - HSC 581 (3) Curriculum Development in Health Education
   - HSC 696 (3) Research Methods

B. **ELECTIVES (18 UNITS) IN A SPECIALTY FIELD.**

C. **4 UNITS OF HSC 698 THESIS.**

D. **A THESIS WITH AN ORAL EXAM.**
   
   The thesis is a summative scholarly work that gives emphasis to the graduate student’s area of specialization in his/her graduate studies. It often relates to the elective courses chosen by the student as part of the Master of Science program of study.

   The thesis is intended to allow the student to demonstrate the capacity to identify and define a researchable health education problem, to design a study to address the problem, to carry out the study, and to be able to write up the completed research

   MS students select a committee that guides thesis research, with the committee chair a faculty member from the department. The student needs to prepare a brief synopsis of the proposed research after completing the Advancement to Candidacy and after completing most of the required 43 units for the degree. The University Thesis Manual guides students toward an acceptable format. [http://www.csulb.edu/library/guide/serv/thesis.html](http://www.csulb.edu/library/guide/serv/thesis.html)
ADVISING

Matters of application, admission, course selection, advancement to candidacy, theses, and comprehensive examination, among others, are the responsibility of the graduate advisor or assistant graduate advisor. Because of the nature of graduate education and the extensive involvement of our graduate students, it is beneficial for graduate students to routinely consult with the graduate advisor, even when pressing matters are not imminent. Please contact the department office for advising appointments. For university and college related information, students can consult the University Catalog.

STUDENT ORGANIZATION

Graduate students in the program have their own student organization, the Health Science Graduate Student Association. The program and faculty members encourage students to participate and support the organization. Graduate students meet periodically during the academic year to consider items of interest to students such as guest speakers, curriculum, advising, listening to presentations by faculty candidates, and organizing career and professional opportunity forums.

Students are also encouraged to join the local professional organization. These organizations include the Southern California chapter of the Society for Public Health Education (So Ca SOPHE). Southern California SOPHE sponsors professional conferences on a regular basis and maintains an active job bank. SOPHE also provides students with an opportunity to network, which may lead to job opportunities. For those with an interest in school health, the program has been consistently involved with the California Association of School Health Educators (CASHE) whose founder is an alumnus of the graduate program. You are encouraged to join these professional associations for your career advancement. The department maintains an updated job folder for students to review. During the orientation, new students are encouraged to familiarize themselves with current and past positions. In addition, the university provides a career planning and placement services through the Career Development services, for undergraduate and graduate students alike.

PROFESSIONAL ORGANIZATIONS

Students are strongly encouraged to join these associations during their graduate academic studies at CSULB.

- American School Health Association (ASHA): [http://www.ashaweb.org](http://www.ashaweb.org)

THESIS/PROJECT REPORT DEADLINES:

Theses may only be submitted to the Thesis Office within the specified dates. Theses submissions received by the University Thesis Office after the semester’s submission date will not be accepted. Theses will be accepted only during the published thesis submission periods. Please contact the Thesis Office for dates.
APPLICATION CHECK LISTS

Department Application
Students who are interested in pursuing the graduate program in health education are urged to speak with the Graduate Program Director to determine the status of their application and program information. The information presented here is for informational use only; all university regulations must be adhered to in order to graduate. Students are urged to consult the University Catalog for further information. All application materials must be submitted in one envelope by the given deadline. A complete application consists of:

- A letter of intent/cover letter *(may be submitted prior to sending the application materials)*
- Masters Program Application
- Professional Resume
- Personal Statement
- (3) sealed letters of reference (academic or professional)
- Official Transcripts from all colleges and universities attended
- Graduate Record Examination (GRE) General Test Scores
- Test of English as a Second Language (TOFEL) scores for international students

Application materials are located in the middle of this bulletin or on the departmental web site:

http://www.csulb.edu/depts/hs/htdocs/pages/gradstudy.html

University Application Check List
Send these items to the California State University, Long Beach Office of Admission and Records.

- Application for Graduate Admission
- Application fee
- (1) official copy of transcripts
- Narrative Statement
- Graduate Record Examination (GRE) General Test Scores
- Test of English as a Second Language (TOFEL) scores for international students

FINANCIAL ASSISTANCE

Financial assistance is available from the University. The website can be found at: http://www.csulb.edu/depts/enrollment/html/financial_aid.html. Students are referred to the Office of Financial Aid to explore opportunities for support of graduate education. Among the listed opportunities are the following:

- Perkins Federal Loans
- Graduate Equity Fellowship
- University Scholarships
- State Graduate Fellowships
- Federal Staff Loan (GSL)
- Student Part-time Employment

In addition, there are several scholarships and employment opportunities within the Health Science Department. These include:

- Gaines Award—provides scholarships to women health science majors, undergraduate or graduate, who are of Native American heritage.
- Marion Pollock Scholarship Award—provides scholarships to enrolled students who are advanced to candidacy for the Master of Science degree in health education and are actively engaged in thesis development.
- Employment on faculty research projects is available.
- Graduate assistant position is available by contacting the department chair directly.

ADVANCEMENT TO CANDIDACY (MS & MPH DEGREES)

Advancement to Candidacy is essential to completion of your degree. Advancement to candidacy is a pre-requisite to enrolling in internship, thesis units, and taking the comprehensive examination. You cannot graduate in the same semester in which you are advanced. In order to Advance to Candidacy, the following must be completed:

1. A minimum of six (6) units of graduate level work with at least a 3.0 grade point average
2. Evidence of successfully completing the Writing Proficiency Examination (WPE). University policy now requires graduate students to attempt the WPE in their first semester of graduate work.
3. Approval by the Associate Dean of the College of Health and Human Services. Once the form has been completed it will become part of the student’s College and University record.
4. Complete Health Science 500, 503 and 570 with at least a 3.0 average.
**Filing to Graduate**

Students who are graduating must be advanced to candidacy and must file with the University the semester prior to their expected date. Please see dates below:

<table>
<thead>
<tr>
<th>Expected Graduation</th>
<th>Date to File</th>
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<tbody>
<tr>
<td>Fall/Winter term</td>
<td>March 1st</td>
</tr>
<tr>
<td>Spring/Summer term</td>
<td>October 1st</td>
</tr>
</tbody>
</table>

**Graduate Division Course Descriptions**

**HSC 500/400- Principles of Epidemiology (3)**
Prerequisites: HSC 301 And HSC 403. Application of epidemiologic procedures to the understanding of the occurrence and control of infectious and chronic diseases, mental illness, environmental health hazards, accidents, and geriatric problems. (Lecture 3 hours.)

**HSC 503- Advanced Community Health Statistics (3)**
Prerequisites: HSC 403 or equivalent. Analysis and interpretation of quantitative health education/public health data. Topics include expanded discussion of parametric techniques (e.g., hypothesis testing, confidence interval estimation, power functions, small sample sizes). Other topics include multivariate analyses, non-parametric tests, and regression analysis. Use of computers required. Traditional grading only. (Discussion, 3 hours.)

**HSC 508- Administrative Relationships in Health Education Programs (3)**
Prerequisite: Undergraduate major in Health Science or related field. Introduction to administrative theory; investigation of administrative responsibilities and functions implicit in school health or other health education programs.

**HSC 516- Health Promotion in Organizational Settings (3)**
Prerequisite: HSC 570. Exploration of health promotion programs in worksite settings, health services, business and industry. Assessment of the organizational climate for health promotion and principles for maintaining program viability and vitality. Strategies for developing and conducting health promotion programs in these settings. Traditional grading only. (Discussion, 3 hours.)

**HSC 524/424- Principles of Asian Health Sciences (3)**
Prerequisite: Upper division standing. Presents the philosophical, historical, clinical and scholarly qualities of Asian health sciences to promote health, prevent disease and treat illness. Comparisons are made with selected Asian and western health care systems and individual health practices. Traditional grading only. Same course as A/ST 524/424. (Discussion, 3 hours.)

**HSC 528- Advanced Environmental Health (3)**
Prerequisite: HSC 422 or consent of instructor. Organization and methods for promoting human health by controlling environmental factors.

**HSC 535/435- Health Promotion and Risk Reduction (3)**
Prerequisites: HSC 421 or consent of instructor. Health promotion/risk reduction program content, development and implementation for use in corporate, hospital and public settings. Intended primarily for Health Science majors. (Discussion, 3 hours.)

**HSC 570- Theoretical Concepts and Issues in Health Science (3)**
Identification and analysis of current trends, philosophies, and issues in health science.

**HSC 581- Curriculum Development in Health Education (3)**
Prerequisites: HSC 430, 440. Principles of curriculum development; selection and evaluation of resource materials; theory and practice in measurement in health education.

**HSC 585- Health Education Internship (1-6)**
Prerequisite: Consent of the instructor. Extended applied experience under guidance of faculty and preceptors in an approved health education practice setting. Traditional grading only. (480 hours of field placement or the equivalent experience.)

**HSC 590- Independent Study (1-3)**
Independent research conducted under the supervision of a full-time faculty member resulting in a written report of the investigation. Traditional grading only. Repeatable to a maximum of 6 units with different topics.
HSC 624- Seminar in Community Analysis and Program Planning (3)
Prerequisites: HSC 625 or consent of instructor. Process and techniques of community analysis and program planning.

HSC 625- Advanced Community Health Education (3)
Prerequisites: HSC 401 or 485; or consent of instructor. Advanced study of educational and related theory applicable to the conduct of health education programs in community and other settings. Methods of promoting change; role as program and staff director and evaluation techniques.

HSC 626- Integrative Seminar in Public Health (3)
Prerequisites: HSC 570, advancement to candidacy. Summative critical analysis of current methodologies, research, and practices in public health and health education in particular. Synthesis of coursework, internship, and other relevant experiences in the graduate program. Traditional grading only.

HSC 696- Research Methods (3)
Prerequisites: Undergraduate major in Health Science or related field; undergraduate course in statistics. Introduction to research methodology in the area of Health Science.

HSC 697- Directed Studies (1–3)
Prerequisite: Advancement to candidacy. Independent investigation of research problems in health science.

HSC 698- Thesis (1–3)
Prerequisites: HSC 696, advancement to candidacy. Planning, preparation and completion of an approved thesis.

INTERNSHIPS, COMMUNITY SERVICE & RESEARCH

Health Science Department Faculty members engage actively in a wide range of community based research activities with funding that currently total several million dollars in any given fiscal year. These activities cover a broad spectrum from cross-cultural curriculum issues such as smoking avoidance/cessation, teen pregnancy issues, and violence prevention to substance abuse, HIV/AIDS, and chronic disease prevention. Students enrolled in the MPH and MSN programs at California State University, Long Beach are afforded ample opportunities to participate collaboratively with the faculty in ongoing research or to develop their own projects. In the past, some graduate students became involved in research areas such as cancer prevention and control, comprehensive school health, tobacco control, violence prevention, and minority health issues. These experiences provide students hands-on experience and familiarity with the full research process, i.e. conceptualization, operationalism, methods of data collection, computer application (data entry/data cleaning), statistical analyses (univariate, bivariate, multivariate), and report writing.

Several joint faculty-student research projects that have been developed have been presented at professional conferences. For example, faculty-student collaborative teams have presented papers at the APHA annual conventions during every consecutive year of the last decade. Graduate program students collaborate with researchers at the adjacent Veterans Affairs Medical Center, with researchers at the Long Beach Memorial Medical Center and with the Center for Health Care Innovation. Their work has been presented at the Long Beach Research Symposium, a local conference.

Some noteworthy examples of faculty projects include research with:
- Native American women afflicted with cervical cancer or breast cancer
- Effectiveness of media program aimed at youth toward prevention, cessation and policy issues
- Assessment of a “Healthy Teens for Tomorrow” video/poster contest in a 9-county area in conjunction with KCET-TV, public television for Southern California
- Collaboration with the Long Beach Public Health Department and the County of Orange—Health Care Agency
- Research in local schools, including Long Beach Unified School District and the Orange County Department of Education
- Evaluation of the public response to the Smoke-free Bars Law
- Interventions to prevent/reduce transmission of HIV and other sexually transmitted diseases

In addition, faculty members work collaboratively with other local colleges and universities, for example, UC Irvine and with local businesses. Because of faculty involvement with UC Irvine, the program has ties with the Department of Radiology, Medicine, Community and Environmental Medicine, and School of Social Ecology.