

**CALIFORNIA STATE UNIVERSITY SAN MARCOS
NEW PROGRAM PROPOSAL – P Form Signature**

For Academic Programs Office Use Only		
R.E. _____	Catalog _____	File _____

COLLEGE CHABSS CoBA CoEHHS CSM

TITLE OF PROGRAM Master of Science in Kinesiology

Discipline

This form is the signature sheet for new programs and new options/concentrations/emphases/tracks within existing programs. For all changes to existing programs (other than addition of new options/concentrations/emphases/tracks), use the Form P-2.

Check one: New Undergraduate Major or New Graduate Degree } Attach a completed New Program Template
 New Option/Concentration/Emphasis/Track } Attach a completed New Option/Concentration/
 New Minor } Special Emphasis, Teaching Credential and Minor
 New Teaching Credential } Attach a completed New Certificate Template
 New Certificate

Does this proposal impact other disciplines? Yes No If yes, obtain signature(s).
 Any objections or concerns should be stated in writing and attached to this form. Please check the box to indicate whether a memo has been attached.

Biology	___ X ___ Support	___ Oppose
Discipline #1		
<u>see email</u>	<input type="checkbox"/>	<u>2/5/13</u>
Signature	Date	

Discipline #2	___ Support	___ Oppose
Signature	Date	

Discipline #3	___ Support	___ Oppose
Signature	Date	

Discipline #4	___ Support	___ Oppose
Signature	Date	

Discipline #5	___ Support	___ Oppose
Signature	Date	

P-FORM PREPARATION

1a. Jeff Nessler _____ 11/26/14
Originator (Please print) Date
1b. [Signature] _____ 12/9/14
Librarian Liaison for Library Report* Date
1c. [Signature] _____ _____
IITS Liaison for IITS Report* Date

PROGRAM/DEPARTMENT-LEVEL REVIEW

2. [Signature] _____ 11/26/14
Program/Department - Director/Chair* Date

COLLEGE/SCHOOL-LEVEL REVIEW

3. [Signature] _____ 12/4/14
College/School Curriculum Committee* Date

REVIEW (Signatures must be obtained by proposer)

4a. [Signature] _____ 12/19/14
Vice President for Student Affairs* Date
4b. [Signature] _____ 12/8/14
Dean of Library* Date
4c. [Signature] _____ 12/8/2014
Dean of Information and Instructional Technology Services* Date
4d. [Signature] _____ 12-17-14
Vice President for Finance and Administrative Services* Date
4e. [Signature] _____ 12/15/14
Dean of Graduate Studies (if applicable)* Date

COLLEGE/SCHOOL-LEVEL RECOMMENDATION

5. [Signature] _____ 12-4-14
College/School Dean/Director* Date

UNIVERSITY-LEVEL REVIEW

(May not begin until all signatures numbered 1-5 have been obtained.)

6a. _____ Date
University Curriculum Committee^
6b. _____ Date
Budget and Long-Range Planning Committee^

FACULTY APPROVAL

7. _____ Date
Academic Senate

UNIVERSITY-LEVEL APPROVAL

8. _____ Date
Provost

9. _____
Date to Chancellor's Office

+ Please contact the liaisons at the beginning of the process and allow sufficient time for the liaisons to prepare the resource implication report. Upon completion of the report liaisons will sign.

* May attach a memo on program impact on the unit and the ability of the unit to support it.

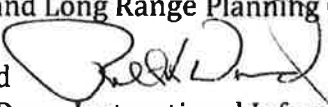
^ Attach a memo summarizing the curricular and/or resource deliberations.

o summarizing the curricular and/or resource deliberations.

MEMORANDUM

DATE: December 9, 2014

To: Budget and Long Range Planning Committee

From: Bill Ward 
Interim Dean, Instructional Information Technology Services/CIO

Subject: IITS Comments for the Masters of Science in Kinesiology

Thank you for the opportunity to provide additional comments for the program proposal for the CSUSM Masters of Science in Kinesiology. As this description is written, this program states that there are no additional on-campus support requests from IITS. On page 14, section 7D (Existing Support Resources for the Proposed Major Program) you state that computers will be supplied by IITS for student labs. In addition, this document states that classes will be held during hours in the early evening and other times outside of peak academic scheduling times. IITS requests more specific information about computer needs for this program so that appropriate planning can take place. Also IITS does not have the capacity to provide classroom support during evenings at this time.

To effectively support any proposal that includes new programs we have the following guidelines.

- It has been our experience that new courses with typical technology resources take 3 to 5 hours of instructional developer support and more technology-intensive courses (especially fully online courses) may take 20 hours or more of support.
- Any new course must comply with the CSU Accessibility Technology Initiative (ATI) guidelines for instructional materials: "New courses and new course content, including instructional materials and instructional websites, will be designed and authored in a manner that incorporates accessibility." An instructional developer will meet with the faculty member designing the new course to review specific accessibility guidelines and ensure that the course content is in compliance with the ATI. Typical issues include captioning multimedia, adding image tags to PowerPoint, using styles in Word, and naming links appropriately in the LMS or website. Analyzing the instructional materials and training how to make these items accessible could take a minimum of 3 hours of instructional development time.
- New faculty members, if needed for this master's program, are usually not familiar with our Learning Management System (LMS) or the multimedia options we offer. Therefore, they are highly encouraged to attend workshops or request an orientation by contacting ids@csusm.edu to become familiar with all of the options that Academic Technology Services has available to


support their teaching. This training can range from 1 hour to 20 plus hours depending on the interactive content, media integration and whether the course is flipped, hybrid, or fully online.

- It is understood that these courses are live lecture based but if in the future online courses are planned it should be noted that they are labor-intensive to develop. The Instructional Developer team provides one-on-one and professional development opportunities to prepare faculty to develop quality online courses. It is suggested that faculty teaching online meet with the IDS team one semester in advance of teaching the course.
- IITS support at this time is from Monday through Friday, 8 am to 5 pm. Funds need to be identified for additional support for programs with support needs outside of this schedule.



California State University
SAN MARCOS

Kellogg Library California State University San Marcos 333 S. Twin Oaks Valley Road San Marcos, CA 92096-0001
Tel: 760.750.4330 Fax: 760.750.3318 veres@csusm.edu biblio.csusm.edu

DATE: November 6, 2012
To: Budget and Long Range Planning Committee
From: Wayne Veres
Interim Dean, Library 
Subject: Library Comments for the P form for the MS Program in Kinesiology

The Library is pleased to provide information on resources and expertise available and needed to support the proposed M.S. in Kinesiology. The P-form mentions that:

"Prior to describing additional Library costs of this new Program, please be advised that many of these costs are already part of the existing undergraduate Kinesiology program."

It is necessary to note that the Library has not received any funds specifically for the acquisition of resources to support the Kinesiology BS program since it was first offered in 2004. As the program has added faculty and student enrollment, there have been consistent requests for journal subscriptions. None of these journals have been purchased due to lack of funds. Students and faculty in this program use the Library's inter-library loan service heavily. Inter-library loan services costs take the form of actual payment for articles from institutions (when not freely available from reciprocal libraries), copyright fees, and in staff workload to process requests. Any monographs (books) purchased for the Kinesiology program have come from existing funds for these purchases.

Since this proposal is for a master's program, which by definition will require even more developed research work by students, the need for additional Library resources is even more apparent. At this point in any program proposal, it can be quite difficult to identify specific titles required unless a professional organization has published guidelines/recommendations for library resources.

The A-form for this program included a spreadsheet that listed the Library as requiring \$5000 in FY 2013-14, and \$3000 in subsequent FY until FY 2017-18 in order to have sufficient resources to support this program. This spreadsheet was prepared by Extended Learning. This estimate accurately reflects that the Library does indeed require some additional funding. The exact number may vary, but the Library concurs with this need assessment.

Lastly, Yvonne Nalani Meulemans, Library Faculty, has developed collections, provided information literacy instruction, and reference/research help to students and faculty in this program since its inception.

The California State University

Bakersfield | Channel Islands | Chico | Dominguez Hills | East Bay | Fresno | Fullerton | Humboldt | Long Beach | Los Angeles | Maritime Academy
Monterey Bay | Northridge | Pomona | Sacramento | San Bernardino | San Diego | San Francisco | San Jose | San Luis Obispo | San Marcos | Sonoma | Stanislaus

We welcome the opportunity to explain the benefits of these additional resources and if selected we will finalize the budget required for purchase.

cc: : Todd Astorino
David Barsky
Virginia Mann
Yvonne Meulemans
Hua Yi

BIOL

Virginia Mann

Subject: FW: BIOL Comment on new M.S.

From: Todd Astorino
Sent: Tuesday, February 05, 2013 3:38 PM
To: Virginia Mann; Sarah Villarreal
Cc: George Vourlitis
Subject: RE: BIOL Comment on new M.S.

Virginia..my comments to each item raised by BIOL are below..

thanks--Todd
Todd A. Astorino Ph.D
Associate Professor, Dept. of Kinesiology
CSU--San Marcos

From: George Vourlitis
Sent: Tuesday, February 05, 2013 12:46 PM
To: Virginia Mann
Subject: FW: BIOL Comment on new M.S.

Below is the only comment that I received (which appears to be substantial, but does not preclude BIOL from supporting this MS).

George L Vourlitis
Professor and Chair,
Department of Biological Sciences
Science Hall 1- Room 320
California State University
San Marcos, CA 92096, USA
Phone: 760-750-4119
Fax: 760-750-3440
<http://www.csusm.edu/biology>
<http://www.csusm.edu/terl>

Given that the new grad program is starting via extended learning and doesn't involve biology courses, I don't see immediate impacts to biology. I have a few questions/comments about the program in general:

- I am curious to know where they will find money (stateside vs. extended learning?) to offer graduate assistantships (p. 14). **These monies will be built into the EL budget and also be obtained from existing KINE Dept. funds as well (stateside, monies obtained from existing EL programs, and even from faculty grant funding..)**
- They suggest that students will complete a thesis/project in one semester (their last one)—perhaps this can work for kinesiology students (and maybe even more so for projects, instead of theses), but it's been my experience that completing a research thesis in 1 semester is unlikely—how would this affect their cohort model if students take longer to complete their research? Perhaps other departments that offer projects (instead of theses) could advise here. **Your interpretation is not exactly correct..students will identify suitable topics through the proposed Seminar class in fall-spring of year 1, and begin their writing at that time (spring yr 1) as well as in fall of yr 2 also in Seminar, with initial pilot testing and data collection starting in fall of yr 2 and ensuing into spring of year 2...our aim is to ensure that students will be finishing data collection in early spring**

- of year 2 so they can defend their thesis in a timely manner..basically, we will engage students from a very early time of this timeline and that it must be adhered to...on a case-by-case basis, students may need additional time to complete their thesis, but we are advising students that one of the traits of this program is to be done in 2 yr...
- They note that prior to launching their new grad degree, they will acquire and renovate 2,636 ft² of space in Univ Hall; if this space allocation does not occur, can they proceed with graduate student research? **This space renovation is currently being done so there is no chance of this not being available..KINE is being moved out of 3rd floor of UNIV Hall in summer 2013 to make room for NURS, so this move is imminent..**
- They are asking for 10-15K annually from extended learning for student equipment (p.16), clarified as a “complement to existing materials” (p.17)—is this expendable supplies? **yes, these funds are to cover cost of consumables and to replace/complement existing equipment when needed..keep in mind, we will also implement course fees for various grad classes with lab components to cover these costs as well, which can be sizable... If the program moves stateside in 5 years (proposed earlier in their document) this amount of annual funding may not be available—could the program continue without these funds? absolutely..with the course fees from existing stateside programs as well as EL funds and those from the proposed grad program, we have sufficient funds to allot in this manner..**
- Noting that external grant funds by dept faculty could be used to hire research assistants or purchase equipment for teaching labs may be risky, given the unpredictable nature of funding these days. **So you know, more than half of current tenure-track faculty have federal funding and the others have applied for similar programs...Also, the ability/desire of some funded faculty to use their grants to support graduate lab classes may need further consideration. you are right, and this can be addressed at a later date...in my opinion, hiring a GA is less expensive than a course buyout of close to \$11k for one class..**
- They will need to address how they will assess GWAR for their students (a University requirement). **I don't know what GWAR is--sorry...if it is writing, students will be doing a tremendous amount of scientific writing in each class so I am confident we can meet the requirements of this policy...**

Grad. Studies
M.S. KINE

Virginia Mann

From: Gerardo M. Gonzalez
Sent: Friday, March 08, 2013 12:23 PM
To: Virginia Mann; Staci Beavers
Cc: David Barsky; Yi Sun
Subject: RE: Master of KINE - for UCC/BLP

Virginia,

I encountered a mistake on my part in providing feedback to UCC on curricular proposals under review by Graduate Studies Council (GSC). The following comment referred to the KINE MS proposal, not the EDUC Dual Language certificate :

I'm wondering why the courses are all at the 500 level. Shouldn't thesis, at least, be in the 600s?

Indeed, there are no identified 600 level course for the KINE MS. This is of concern to a couple of GSC members including myself.

Thanks,

G

From: Virginia Mann
Sent: Thursday, February 07, 2013 8:44 AM
To: Staci Beavers; Gerardo M. Gonzalez
Cc: David Barsky; Yi Sun
Subject: Master of KINE - for UCC/BLP

Good morning Staci and Gerry,

Yet again, we have another P form for review by BLP. Gerry, since you did sign the P form, I'm uncertain if it still needs review by the GSC.

I put it up on the website yesterday, along with the 11 New Course forms that are part of the package. The UCC will likely not begin the review of this program for awhile, as there is so much else ahead of it in the queue. It can be found on lines 121 - 132 of COEHHS:

http://www.csusm.edu/academic_programs/curriculumscheduling/catalogcurricula/2012-13_curriculum.html#COEHHS

Thanks so much,
Virginia

Virginia Peters Mann
Curriculum Specialist
Academic Programs
CSU San Marcos
Tel: (760) 750-8887

Todd Astorino

From: Gerardo M. Gonzalez
Sent: Monday, December 10, 2012 11:13 AM
To: Todd Astorino
Subject: RE: new program P form

Todd,

If it helps, you can attach my e-mail to the P-Form. Otherwise, I think that you can address this matter through your program handbook and catalog policy text.

G

From: Todd Astorino
Sent: Monday, December 10, 2012 11:04 AM
To: Gerardo M. Gonzalez
Subject: RE: new program P form

thanks for these comments Jerry...what do I do with them? Do I incorporate them into my existing copy of the P form which is still being approved by certain people on campus, and send it to them, or just make sure that the final copy that goes to Dave Barsky contains these items?

can I bring by the P form signature page today for your autograph?

thanks--Todd

Todd A. Astorino Ph.D
Associate Professor, Dept. of Kinesiology
CSU--San Marcos
333 S. Twin Oaks Valley Rd
San Marcos CA 92096-0001
astorino@csusm.edu
760 750-7351

From: Gerardo M. Gonzalez
Sent: Monday, December 10, 2012 10:18 AM
To: Todd Astorino
Subject: RE: new program P form

Todd,

Thanks for the opportunity to review the KINE master's P-Form. I commented on a previous draft. The current draft looks good. However, there is one important issue to mention.

At the top of p. 7, criterion L. The document states: "Students will be required to maintain a minimum GPA equal to 3.0. If students fail to meet this minimum standard, they will be required to retake coursework in which a grade less than B – is earned. If students retake courses and are still unable to meet this GPA, they will be disqualified from the Program."

Typically, a student who is placed on probation for a less than 3.0 GPA is provided with a one-semester remediation plan (and subsequent Graduate Dean action) to meet or exceed to the 3.0 GPA requirement. See policy:

http://www.csusm.edu/policies/active/documents/graduate_probation_disqualification_and_reinstatement.html

A remediation plan is based on the program of study options available to the student. Retaking a class is not usually the only recourse to achieve a 3.0 or higher GPA (e.g., the student can take an elective and earn an sufficiently high grade). Moreover, graduate students are only allowed to retake two courses for a grade change. The proposed P-Form language would severely limit the student's options.

Also, the current P-Form language does not give the program flexibility. I don't think that the objective is to weed out students after one semester of poor work. I suggest that you consider language similar to our probation policy language, such as "A student who demonstrates: Repeated failure to (make) progress toward the stated degree objective or other program objective" or program and university requirements shall be dropped from the program.

Of course, you can always be more explicit in your catalog policy and student handbook. Please let me know of any questions.

G

From: Todd Astorino
Sent: Monday, December 03, 2012 10:12 AM
To: Wayne Veres
Cc: Eloise Stiglitz; Gerardo M. Gonzalez
Subject: FW: new program P form

Hello colleagues..please note that I am trying to get a P form signature page signed by stakeholders on campus for our proposed MS program in Kinesiology..

Wayne, I would like to bring the form to you first followed by Eloise and then Jerry..where can I find you, Wayne and Eloise?

Please let me know if this is doable on your end..the P form was approved by the CEHHS curriculum committee last week...

Thanks—Todd

From: Todd Astorino
Sent: Sunday, December 02, 2012 8:11 AM
To: Virginia Mann
Cc: David Barsky
Subject: RE: new program P form

Hi Virginia..attached is the finalized P form..I will bring the signature page and C forms to you first thing Monday morning..

thanks--Todd
Todd A. Astorino Ph.D
Associate Professor, Dept. of Kinesiology
CSU--San Marcos
333 S. Twin Oaks Valley Rd
San Marcos CA 92096-0001

CSU San Marcos Degree Program Proposal Template¹

1. Program Type (Please specify any from the list below that apply—delete the others)

- a. State-Support
- g. New Program
- h. Proposal Revision (updating a previously reviewed proposal)

2. Program Identification

- a. Campus: *CSU-San Marcos main campus*
- b. Full and exact degree designation and title (e.g. Master of Science in Genetic Counseling, Bachelor of Arts with a Major in History): *Master of Science in Kinesiology*
- c. Date the Board of Trustees approved adding this program projection to the campus Academic Plan.² *2013*
- d. Term and academic year of intended implementation (e.g. Fall 2016). *Fall 2015*
- e. Total number of units required for graduation. This will include all requirements (and campus-specific graduation requirements), not just major requirements. *36*
- f. Name of the department(s), division, or other unit of the campus that would offer the proposed degree major program. Please identify the unit that will have primary responsibility. *Department of Kinesiology within the CEHHS.*
- g. Name, title, and rank of the individual(s) primarily responsible for drafting the proposed degree major program. *Todd A. Astorino, Ph.D., Professor, and Jeff Nessler, Ph.D., Associate Professor, Kinesiology*
- h. Statement from the appropriate campus administrative authority that the addition of this program supports the campus mission and will not impede the successful operation and growth of existing academic programs. *Please see attached documents.*
- i. Any other campus approval documents that may apply (e.g. curriculum committee approvals).³ The campus may submit a copy of the WASC Sub-Change proposal in lieu of this CSU proposal format. If campuses choose to submit the WASC Substantive Change

¹ When beginning to fill out this form, contact Academic Programs for general guidance and for samples of recent program proposals. It is recommended that program proposers start to fill out the template with the catalog description.

² The “campus Academic Plan” is called the University Academic Master Plan (UAMP) at CSU San Marcos. Contact Academic Programs for this date.

³ Proposers do not need to supply this item. As the proposal goes through the approval process, memos from curriculum committees are obtained. These will be collected and added to the proposal by Academic Programs as a response for this item.

Proposal, they will also be required to submit a program assessment plan using the format found in the CSU program proposal template. *Please see attached documentation, such as the CEHHS Curriculum Committee approval letter as well as similar documents from other stakeholders on campus.*

- j. Please specify whether this proposed program is subject to WASC Substantive Change review.⁴ *Per Jennifer Jeffries in Spring 2011, this program is NOT subject to the WASC Substantive Change review.*

- k. **Optional: Proposed Classification of Instructional Programs (CIP) Code and CSU Degree Program Code**⁵

CIP code: 31.0501

CSU Degree Program Code: 08351

Campuses are invited to suggest one CSU degree program code and one corresponding CIP code. If an appropriate CSU code does not appear on the systemwide list at: http://www.calstate.edu/app/documents/HEGIS-CIP2000_102406.xls, you can search CIP 2000 at <http://nces.ed.gov/pubs2002/cip2000/> to identify the code that best matches the proposed degree program. The Classification of Instructional Programs (CIP) is a National Center for Education Statistics (NCES) publication that provides a numerical classification and standard terminology for secondary and postsecondary instructional programs. The CSU degree program code (based on old HEGIS codes) and CIP code will be assigned when the program is approved by the Chancellor.

3. Program Overview and Rationale

- a. Provide a rationale, including a brief description of the program, its purpose and strengths, fit with institutional mission, and a justification for offering the program at this time. A comprehensive rationale also explains the relationship between the program philosophy, design, target population, and any distinctive pedagogical methods.

Kinesiology is defined as the study of movement, yet encompasses diverse fields of Exercise Physiology, Motor Learning, Biomechanics, Physical Education, and Nutrition, amongst others. Originally developed as an “offshoot” of Physical Education, Kinesiology has dramatically evolved into a field focusing on identifying strategies to reduce risks of chronic disease and enhance health status in various populations. Despite these efforts, one person dies of heart disease every 30 s in the United States, and approximately 50 % of the population does not meet minimum recommendations for physical activity. Consequently, students pursuing study in this domain face challenges in regards to promoting a healthy lifestyle, yet the need for professionals in this field continues to be great.

Brief Description: We propose a two-year, 36-unit cohort-based Master’s Program in Kinesiology that will present the most current curriculum as well as emphasize critical thinking skills and ‘hands-on’ opportunities for students to develop their laboratory, clinical, and research skills, eventually resulting in completion of a thesis. Students will be admitted annually in cohorts of –up to 12 students, with admission predicated on meeting various Program Requirements as well as specific fit with individual faculty research interests. Courses will be face-to-face as well as in hybrid form, and taught in the

⁴ Generally this refers to a degree offered at a new level (e.g., a doctorate). To be certain that a WASC Substantive Change review is not necessary, contact the Associate Vice President Academic Programs.

⁵ Contact Academic Programs for assistance in proposing CIP and Program (formerly HEGIS) codes.

afternoon and/or evening to better attract potential applicants who are currently working. Courses will be offered exclusively by Kinesiology faculty to reduce burden on other Departments and will emphasize theoretical content and application of science to practice. Graduates of this Program will be independent learners who are prepared to initiate doctoral study, seek careers in health care or health and fitness, and become leaders in addressing health outcomes in the North County region.

Fit with CSUSM's Mission and Vision: CSUSM's mission states a "commitment to sustained excellence in teaching, research, and community partnership that in turn, enhances student learning." It further states that we ground our mission "in the public trust, alignment with regional needs, and sustained enrichment of the intellectual, civic, economic, and cultural life of our region and state."

CSUSM's vision states that "we will become a distinctive public university known for academic excellence, service to the community, and innovation in higher education...students will select from a growing array of specialized programs responsive to state and regional needs". It further states "CSUSM will celebrate and capitalize on its diversity to form a learning community committed to this shared vision."

The proposed program aligns with the Mission as we are confident that the classroom and inquiry-based experiences offered to students will be excellent. In addition, we will establish relationships with community partners to provide students valuable "real-world" experiences that may end in job placements upon graduation. Program goals will meet the Vision by serving the community. As our Program focus is examining chronic disease and rehabilitation through innovative pedagogy and cutting-edge research, it is likely that students and faculty will collaborate to address health disparities in the region.

Justification: San Diego County is in need of additional programs designed to provide graduate training in Kinesiology, as the only existing Program is at SDSU. This Program is well-regarded yet only accepts 25 % of applicants annually and has been severely affected by the State's budget crisis. Other M.S. Programs exist at regional Universities (CSU-Fullerton, CSU-LA, etc.), yet their focus falls outside the area of chronic disease. Our campus is uniquely positioned to meet this need, as the majority of current tenure-track faculty have external grant funding to support research in gait and locomotion (Dr. Nessler and Dr. Jindrich), cardiovascular disease (Dr. Newcomer), and bone health in spinal cord injury (Dr. Astorino). Through these ventures, we aim to continue this innovative research in the future to promote collaborations between our Department and local hospitals and rehabilitation facilities.

The proposed degree program is in response to data gathered by me regarding student interest in this area of study, in that 63 % of current and previous students (N = ~ 400) were eager to continue their education in an M.S. program within our Department. My review of current M.S. programs in Kinesiology within the CSU suggests that there are more applicants to these programs than available spaces.

While originally planned as a self-support program, the Chancellor's office has indicated that it would prefer the program to be state-supported.

- b. Provide the proposed catalog description, including program description, degree requirements, and admission requirements. For master's degrees, please also include catalog copy describing the culminating experience requirement(s).⁶

⁶ Use the format found in the most recent General Catalog.

The M.S. Program in Kinesiology is a 36-unit Program characterized by innovative coursework and robust laboratory experiences. The Program will prepare graduates to enter careers requiring a Master's Degree or initiate doctoral study in Allied Health (e.g. Physical Therapy), Exercise Physiology, Biomechanics, or other related fields. Led by top-notch faculty, students will actively participate in hands-on learning in the classroom and laboratory. The program requires students to complete a Thesis and is designed to strengthen the breadth and depth of students' content knowledge and applied skills in Kinesiology and its subdisciplines.

Graduates will be prepared for work in various fields including worksite health promotion, clinical exercise physiology, cardiac rehabilitation, commercial fitness, public/private or non-profit health agencies, chronic disease prevention in community settings, teaching/coaching at the community college level, independent research in the field of specialization, or continued graduate study at doctoral-granting institutions.

The Department of Kinesiology at CSU-San Marcos is well-suited to offer the M.S. Program in Kinesiology. Faculty are innovative, productive scholars dedicated to student-centered instruction as well as scientific investigation in various settings. Our state-of-the-art laboratories maintain all equipment needed to sustain such a program and provide students with various "hands-on" opportunities. The faculty consists of experts in Exercise Physiology, Motor Control and Learning, Biomechanics, Physical Education, and Public Health. Overall, this program will produce graduates who are independent learners prepared to initiate doctoral study, seek careers in health care or health and fitness, and become leaders in addressing health outcomes in the North County region.

Program Student Learning Outcomes: Upon completion of this program, students will be able to:

1. Understand the role of exercise and physical activity to reduce onset and severity of chronic disease through examination of evidence-based content.
2. Demonstrate and master applied laboratory and measurement skills commonly used in Kinesiology.
3. Demonstrate proficiency in public speaking, data analysis, and scientific writing.
4. Understand the origins of human movement and its relation to health and physical activity.
5. Design, acquire, and disseminate results as demonstrated by successful completion of a Thesis.

Admission Requirements and Application Materials:

Students will be required to submit official transcripts to the Graduate Coordinator describing all college coursework, three (3) letters of recommendation, as well as a letter of intent describing their rationale for applying to the Program, career goals, and desire to work with a specific faculty member

Applicants will also have an undergraduate GPA ≥ 2.80 , GRE verbal and quantitative score ≥ 140 and analytical writing score ≥ 3 , as well as an undergraduate degree in Kinesiology/Exercise Science or related field with prior coursework in Anatomy and Physiology, Exercise Physiology, Motor Learning or Biomechanics, and Statistics.

Please send all materials to:

Todd A. Astorino Ph.D, Graduate Coordinator
Department of Kinesiology, CSU San Marcos
333 S. Twin Oaks Valley Rd
San Marcos, CA 92096-0001

Application Deadlines:

The Program only accepts fall admissions, with an application deadline of March 1. However, applications may be accepted for review at other times if vacancies exist.

Degree Requirements:

KINE 500: Biomechanics (4)

KINE 501: Motor Control (4)

KINE 502: Research Methods (3)

KINE 503: Advanced Statistics in Kinesiology (3); prerequisite = 502

KINE 506: Seminar in Kinesiology (2) to be repeated twice for total of 6 units

KINE 507: Physical Education Methods (3)

KINE 524: Public Health (3)

KINE 526: Advanced Exercise Physiology (4)

KINE 595: Practicum (3)

KINE 598: Thesis (3)

Continuation:

Students will be required to maintain a minimum GPA equal to 3.0. If students fail to meet this minimum standard, they will be required to retake the coursework in which a grade less than B- was earned. If students retake courses and are still unable to meet this GPA, they will be disqualified from the Program.

Students must be continuously enrolled unless they apply for a leave of absence. Students who are not continuously enrolled or who have a leave of absence longer than two semesters will be dropped from the program and must reapply.

All degree requirements are to be completed within five years after acceptance into the graduate program. Authorized leaves of absence do not extend the time limit for completion of the degree.

Advancement to Candidacy:

By the end of year 1 of the Program, students must select a primary advisor from the Kinesiology faculty whose interests align with those of the student. Students will choose two additional faculty members, at least one of whom must be Kinesiology faculty, to serve on their committee. To advance to candidacy, the student must:

1. form a Thesis committee and submit to each member of the Committee and Graduate Coordinator the Approval Form.
2. submit a Thesis proposal to committee members describing the topic, its initial aims and anticipated results, and demonstrate that the project can be successfully completed by the end of year 2 of the Program.
3. receive approval of the proposal form from all committee members.

4. Curriculum *(These requirements conform to the revised 2013 WASC Handbook of Accreditation)***a. These program proposal elements are required:**

- Institutional learning outcomes (ILOs)⁷
- Program learning outcomes (PLOs)⁷
- Student learning outcomes (SLOs)⁷

Describe outcomes (also sometimes known as goals) for the 1) institution, 2) program, and for 3) student learning. Institutional learning outcomes (ILOs) typically highlight the

knowledge, skills, and dispositions all students are expected to have upon graduating from an institution of higher learning. Program learning outcomes (PLOs) highlight the knowledge, skills, and dispositions students are expected to know as program graduates. PLOs are more narrowly focused than ILOs. Student learning outcomes (SLOs) clearly convey the specific and measurable knowledge, skills, and/or behaviors expected and guide the type of assessments to be used to determine if the desired the level of learning has been achieved.⁷

(WASC 2013 CFR: 1.1, 1.2, 2.3)

Program Goals: Goals of the M.S. Program in Kinesiology align with the recent trend in this discipline to examine effects of lifestyle change such as exercise on onset and severity of chronic disease, and will include:

1. To prepare students to become expert scholars and professionals in exercise, physical activity and sport, health promotion, rehabilitation, and other related disciplines.
2. To provide students a student-centered and innovative curriculum offered by faculty who are experts in their field.
3. To engage students in various research opportunities in and out of the classroom.
4. To become a leader in the preparation of graduate students in Kinesiology in the San Diego County region.

Program Student Learning Outcomes: Upon completion of this program, students will be able to:

6. Understand the role of exercise and physical activity to reduce onset and severity of chronic disease through examination of evidence-based content.
7. Demonstrate and master applied laboratory and measurement skills commonly used in Kinesiology.
8. Demonstrate proficiency in public speaking, data analysis, and scientific writing.
9. Understand the origins of human movement and its relation to health and physical activity.
10. Design, acquire, and disseminate results as demonstrated by successful completion of a Thesis.

b. These program proposal elements are required:

- Comprehensive assessment plan addressing all assessment elements;
- Matrix showing where student learning outcomes are introduced (I), developed (D), and mastered (M)

Include plans for assessing institutional, program, and student learning outcomes. Key to program planning is creating a comprehensive assessment plan addressing multiple elements, including strategies and tools to assess student learning outcomes, (directly related to overall institutional and program learning outcomes). Constructing an assessment matrix, showing the relationship between all assessment elements, is an efficient and clear method of displaying all assessment plan components.⁷

Creating a curriculum map matrix, identifying the student learning outcomes, the courses where they are found, and where content is “Introduced,” “Developed,” and “Mastered”

⁷ See “Tips” Section.

insures that all student learning outcomes are directly related to overall program goals and represented across the curriculum at the appropriate times. Assessment of outcomes is expected to be carried out systematically according to an established schedule.

Plans for assessing program goals and student learning outcomes. Some planners find it helpful to develop matrices in which student learning outcomes and required courses are mapped, indicating where content related to the learning outcomes is introduced, reinforced, and practiced at an advanced level in required courses. (CPEC “Maintenance and Improvement of Quality”)

Upon program completion of each 2-year cohort, information will be obtained through anonymous student surveys, discussion amongst faculty, and student performance on the thesis regarding if students are meeting SLOs established in the section above and highlighted in Table II.

- c. Indicate total number of units required for graduation. 36
- d. Include a justification for any baccalaureate program that requires more than 120-semester units or 180-quarter units. Programs proposed at more than 120 semester units will have to provide either a Title 5 justification for the higher units or a campus-approved request for an exception to the Title 5 unit limit for this kind of baccalaureate program. NA
- e. If any formal options, concentrations, or special emphases are planned under the proposed major, identify and explain fully and list the required courses. Optional: You may propose a CSU degree program code and CIP code for each concentration that you would like to report separately from the major program.

At program initiation, no unique options or concentrations will be offered, although it is likely that these will be implemented in the future as the Program expands.

- f. List all requirements for graduation, including electives, for the proposed degree program, specifying course catalog numbers, course titles, total units required for completion of the degree, major requirements, electives, and prerequisites or co-requisites (ensuring there are no “hidden prerequisites that would drive the total units required to graduate beyond the total reported in 4c above). Include proposed catalog descriptions of all new courses. (WASC 2013 CFR: 2.1, 2.2)

KINE 500	Advanced Biomechanics (4)
KINE 501	Advanced Motor Control (4)
KINE 502	Research Methods (3)
KINE 503	Advanced Statistical Analysis (3); prerequisite = KINE 502
KINE 506, 507, and 508	Seminar in Kinesiology (2) I - III to be taken 3 times for total of 6 units
KINE 510	Physical Education Methods (3)
KINE 524	Public Health (3)
KINE 526	Advanced Exercise Physiology (4)
KINE 595	Practicum (3)
KINE 698	Thesis (3)

*Note – all courses are new and have not yet been offered at CSUSM

A special topics class (KINE 590 = 3 units) may be offered periodically when existing faculty are unable to teach due to course release or sabbaticals, and it will replace one of the courses listed above in section f. It will not have any co- or prerequisites. Its description is:

Contains theoretical and applied content pertaining to Special Topics in Kinesiology including cardiovascular function, neural function, bone health, locomotion, and/or weight management and how they can be impacted by disease onset.

- g. List of any new courses that are: (1) needed to initiate the program and (2) needed during the first two years after implementation. Only include proposed catalog descriptions for new courses. For graduate program proposals, identify whether each course is a graduate-level or undergraduate-level offering.

All courses for the proposed program are new graduate-level courses and outlined below during the 2-year sequence. The coursework will proceed on a revolving basis so 1st-year students in cohort #2 will take some of the same coursework as 2nd-year students in cohort #1, and this will be the sequence for the foreseeable future. This is outlined below and should be read from left to right.

KINE 500	Advanced Biomechanics (4)
KINE 501	Advanced Motor Control (4)
KINE 502	Research Methods (3)
KINE 503	Advanced Statistical Analysis (3); prerequisite = KINE 502
KINE 506, 507, and 508	Seminar in Kinesiology (2) I - III to be taken 3 times for total of 6 units
KINE 510	Physical Education Methods (3)
KINE 524	Public Health (3)
KINE 526	Advanced Exercise Physiology (4)
KINE 595	Practicum (3)
KINE 698	Thesis (3)

*Note – all courses are graduate level.

- h. Attach a proposed course-offering plan for the first three years of program implementation, indicating, where possible, likely faculty teaching assignments. (WASC 2013 CFR: 2.1, 2.2)

Initially, many of the courses listed above will be taught once every 2 years as we have developed a revolving course of study to meet the needs of our annual student admissions. KINE 502 and 503 will be offered every fall and spring in year 1 for all cohorts. KINE 506-508 (Seminar I-III) will be taught by faculty on a revolving basis; whereas, other classes will be taught by faculty whose expertise lies in each specific area e.g. Advanced Biomechanics (Nessler, Kang), Advanced Motor Control (Jindrich, Nessler), Public Health (Romero), Physical Education Methods (Stuhr), and Advanced Exercise Physiology (Astorino and Newcomer). Under certain circumstances, graduate courses may be taught by qualified adjunct instructors. Thesis and Practicum will be offered by supervising faculty on an individual basis.

Cohorts	F 2015	S 2016	F 2016	S 2017	F 2017	S 2018	F 2018	S 2019	F 2019	S 2020
Cohort 1	KINE 502 KINE 500 KINE 506	KINE 507 KINE 526 KINE 503	KINE 595 KINE 501 KINE 508	KINE 698 KINE 510 KINE 524						
Cohort 2			KINE 501 KINE 502 KINE 506	KINE 510 KINE 503 KINE 524	KINE 595 KINE 500 KINE 507	KINE 698 KINE 526 KINE 508				
Cohort 3					KINE 502 KINE 526 KINE 503	KINE 507 KINE 526 KINE 503	KINE 595 KINE 501 KINE 508	KINE 698 KINE 510 KINE 524		
Cohort 4							KINE 501 KINE 502 KINE 506	KINE 510 KINE 503 KINE 524	KINE 595 KINE 500 KINE 507	KINE 698 KINE 526 KINE 508

- i. For master's degree proposals, include evidence that program requirements conform to the minimum requirements for the culminating experience, as specified in Section 40510 of Title 5 of the California Code of Regulations.⁸

At the end of fall semester of year 2, students will advance to candidacy after completing all previous coursework with a grade of B- or better, maintaining an overall GPA ≥ 3.0 , and successfully presenting a research proposal approved by a committee of supervising faculty (proposal defense will occur near the end of fall semester of year 2). Successful completion of the Program requires completion of a Thesis in spring semester of year 2.

A student who earns less than a B- in any course will be allowed to repeat the course once with the next cohort. Note that this may be up to two years later, as some courses are offered only every other year. Failure to earn a grade of B- or better in this repeated course will provide justification for disqualification from the program.

- j. For graduate degree proposals, cite the corresponding bachelor's program and specify whether it is (a) subject to accreditation and (b) currently accredited. (WASC 2013 CFR: 2.2b)

Kinesiology BS – not subject to accreditation

- k. For graduate degree programs, specify admission criteria, including any prerequisite coursework.⁹ (WASC 2013 CFR: 2.2b)

Students will be required to submit official transcripts to the Graduate Coordinator describing all college coursework, three (3) letters of recommendation, as well as a letter of intent describing their rationale for applying to the Program, career goals, and desire to work with a specific faculty member.¹⁰ Due to a limited number of tenure-track faculty, we will ensure that individual faculty are not overloaded with an excess number of students to directly oversee, so part of the admission process will be based on capacity of each faculty member's lab.

Applicants will also have an undergraduate GPA ≥ 2.80 , GRE verbal and quantitative score ≥ 140 and analytical writing score ≥ 3 , as well as an undergraduate degree in Kinesiology/Exercise Science or related field with prior coursework in Anatomy and Physiology, Exercise Physiology, Motor Learning or Biomechanics, and Statistics.

⁸ Contact Graduate Studies for assistance in making certain that the program conforms to CSU requirements for a master's program.

⁹ This item generally applies to graduate programs and self-support programs. For assistance, contact Graduate Studies for the first situation and Extended Learning for the second. For an undergraduate, state-support program for which admission criteria are desired, contact Academic Programs to discuss this matter.

¹⁰ This item generally applies to graduate programs and self-support programs. For assistance, contact Graduate Studies for the first situation, and Extended Learning for the second. For an undergraduate, state-support program for which admission criteria are desired, contact Academic Programs to discuss this matter.

- i. For graduate degree programs, specify criteria for student continuation in the program ¹¹

Criteria for continuation are in accordance with Executive Order 1038. Students will be required to maintain a minimum GPA equal to 3.0. If students fail to meet this minimum standard, they will be required to retake coursework in which a grade less than B – is earned. If students retake courses and are still unable to meet this GPA and do not (make) progress towards meeting this requirement, they will be dropped from the Program.

- m. For undergraduate programs, specify planned provisions for articulation of the proposed major with community college programs.

NA

- n. Describe advising “roadmaps” that have been developed for the major. ¹²

The sequence of courses is listed in section h, and is relatively straightforward. Our use of a cohort model upon initiation of the Program lessens the need for these “roadmaps” as courses will be taken by all students in a defined sequence.

- o. Describe how accreditation requirements will be met, if applicable, and anticipated date of accreditation request (including the WASC Substantive Change process). (WASC 2013 CFR: 1.8)

At this time, Kinesiology programs do not require accreditation by any entity.

Accreditation Note:

Master’s degree program proposals

If subject to accreditation, establishment of a master’s degree program should be preceded by national professional accreditation of the corresponding bachelor’s degree major program.

Fast-track proposals

Fast-track proposals cannot be subject to specialized accreditation by an agency that is a member of the Association of Specialized and Professional Accreditors unless the proposed program is already offered as an authorized option or concentration that is accredited by an appropriate specialized accrediting agency.

5. Societal and Public Need for the Proposed Degree Major Program

- a. List of other California State University campuses currently offering or projecting the proposed degree major program; list of neighboring institutions, public and private, currently offering the proposed degree major program. ¹³

¹¹ This item generally only applies to programs with admission criteria (item 4k). For undergraduate programs, the criteria should be that the student remain on good academic standing (i.e., not be subject to Academic Disqualification). For assistance with this item, contact Graduate Studies, Extended Learning or Academic Programs as in item 4k.

¹² Contact the Office of First Year Programs for assistance in developing detailed graduation road maps for the first two years of study.

As of fall 2011, 15/21 CSU campuses offer the M.S. degree in Kinesiology, including 7 in the greater Southern California region (SDSU, CSU—Fullerton, CSU—LA, CSU—Pomona, CSU—SLO, CSU—Northridge, CSU—Long Beach) and 8 in Northern California (CSU-Chico, CSU—Sacramento, SFSU, SJSU, CSU—Fresno, CSU—East Bay, CSU—Sonoma, CSU--Humboldt). Additional neighboring institutions also offering the degree program include UCLA and USC (Integrative Biology and Physiology); UC-Davis (Exercise Science); University of the Pacific (Sport Sciences).

- b. Describe Differences between the proposed program and programs listed in Section 5a above.

The greatest distinction between the proposed program and current CSUs offering this degree is our emphasis towards improving health outcomes through productive, innovative research and transformational pedagogy. For example, the majority of tenure-track faculty who will teach and mentor students in this proposed program maintain multi-year grants from NIH, NSF, AHA, targeting health outcomes through exercise intervention. This aligns with the trajectory of Kinesiology as a discipline in the last 10 – 15 years. Students will be encouraged to assist faculty in these endeavors to the benefit of all parties. Currently, the majority of CSU campuses maintain a ‘sport science’ paradigm that examines human performance, with primary application of results to athletes/coaches and/or the general field of study. In contrast, our emphasis will be to disseminate knowledge and lifelong skills to graduates that can be applied in various health-care related areas to prevent and mitigate complications of chronic disease.

- c. List of other curricula currently offered by the campus that are closely related to the proposed program.

None, although it is likely that our undergraduate Kinesiology program may become a “feeder” for applicants into the proposed degree program.

- d. Describe community participation, if any, in the planning process. This may include prospective employers of graduates.

Although no formal documents are currently in place, we see the potential for regional employers in health care and related fields such as Personal Training, Strength and Conditioning, academia, Allied Health, etc. to be interested in our graduates. In addition, the undergraduate Kinesiology program has established relationships with dozens of facilities across North County to place interns, so it is likely that this will be continued as well in the proposed degree program.

- e. Provide applicable workforce demand projections and other relevant data.¹⁴

The Department of Labor (Bureau of Labor Statistics, 2010-11 Edition) issues some compelling statistics for job outlook for persons such as Fitness Specialists, etc. who maintain an M.S. degree in Kinesiology. Employment is expected to increase by 29 % in the next decade for Fitness Specialists, and 24 % for Cardiac Rehab employees due to strong demand

¹² Contact Academic Programs for a list of other CSU campuses offering related programs.

¹³One source of data, in addition to those provided at the end of section 5, is the San Diego Association of Governments website: <http://www.sandag.cog.ca.us>

for their skill set. In 2009, the California Employment Development Department projected a 17 % increase in demand for careers in the Education Services and Health Care sector from 2006 – 2016. In regards to college faculty working at two-year and four-year institutions, demand will be strong in the next decade as the number of 19 to 24 year-olds, those who traditionally initiate college, will be increasing, and faculty hired in the 1960s and 1970s will be retiring.¹⁵

Note: Data Sources for Demonstrating Evidence of Need

APP Resources Web <http://www.calstate.edu/app/resources.shtml>

US Department of Labor, Bureau of Labor Statistics

California Labor Market Information

Labor Forecast

6. Student Demand

- a. Provide compelling evidence of student interest in enrolling in the proposed program. Types of evidence vary and may include national, statewide, and professional employment forecasts and surveys; petitions; lists of related associate degree programs at feeder community colleges; reports from community college transfer centers; and enrollments from feeder baccalaureate programs, for example.¹⁶

Employment forecasts for graduates with a Master’s degree in Kinesiology are outlined above in section 5e. To get a better sense of student interest in this proposed program, which appears to be strong, current and former Kinesiology students as well as some students in Nursing and Human Development were sent a link to a 7-item survey containing questions addressing potential interest in this Program. Keep in mind, many former students are currently working and have expressed desire to continue their training in a graduate program within our Department. Ultimately, 337 students completed the survey and their answers to each question regarding student interest are below.

Question 1: How interested would you be in pursuing a Master’s of Science in Kinesiology at CSUSM?

	Response percent	Response count
Yes, very interested	63.8 %	215
Somewhat interested	30.6 %	103
No, not interested	5.6 %	19

¹⁵ One source of data, in addition to those provided at the end of section 5, is the San Diego Association of Governments website: <http://www.sandag.cog.ca.us>

¹⁶ Contact Enrollment Management Services to obtain numbers of students with declared majors, options/concentrations/tracks/etc., and minors. Contact Academic Programs to obtain enrollment histories in specific courses. Surveys of potential employers might show the need for the proposed program. Please explain if there are discrepancies between national/statewide/professional manpower surveys and local findings. Contact the Career Center for assistance in completing this section.

Question 2: If you stated that you were “very interested” or “somewhat interested,” would you still be interested if it was offered through self-support through Extended Learning, in which financial aid is still available, but courses are more expensive than state-sponsored classes?

	Response percent	Response count
Yes, still interested	34.5 %	111
Somewhat interested depending upon the cost	45.3 %	146
No, not interested	20.2 %	65
Not applicable	4.4 %	15

Question 3: If you answered “yes, still interested” or “somewhat interested,” would you prefer to take classes face-to-face, hybrid (face-to-face with some on-line), or solely online?

	Response percent	Response count
Face-to-face	32.9 %	106
Hybrid	65.2 %	210
Solely on-line	1.9 %	6
Not applicable	4.4 %	15

Question 4: If you answered either face-to-face or hybrid, would you prefer that classes meet during the day, evening, and/or weekend? (please mark all that apply)

	Response percent	Response count
Daytime	79.7 %	251
Evening	54.6 %	172
Weekends	18.7 %	59
Not applicable	6.6 %	22

Question 5: If you are interested in possibly pursuing the M.S. in Kinesiology at CSUSM, which option would interest you most? (please mark all that apply)

	Response percent	Response count
Exercise Physiology and Disease	80.1 %	222
Biomechanics/Motor Control	48.0 %	113
Education	27.1 %	75
Not applicable	18.0 %	60
Other (please describe)	0.0 %	0

Question 6: As a culminating experience for the M.S. Program, would you choose a thesis, project, or comprehensive exam?

	Response percent	Response count
Thesis	14.9 %	48
Project	61.2 %	197
Comprehensive exam	23.9 %	77
Not applicable	4.4 %	15

Question 7: Would offering teaching or research assistantships (that would pay you a stipend and may defray tuition costs) to qualified students increase your interest in applying to our Program?

	Response percent	Response count
Yes, definitely	41.4 %	133
Maybe, but it would not change my interest in applying	56.4 %	181
Not applicable	1.8 %	6

- b. Identify how issues of diversity and access to the university were considered when planning this program. Describe what steps the program will take to insure ALL prospective candidates have equitable access to the program. This description may include recruitment strategies and any other techniques to insure a diverse and qualified candidate pool.

The first issue regarding access is the specific times at which courses will be offered. We understand that many applicants work full-time and wish to continue their education at times which are conducive to this schedule, so we anticipate late-afternoon as well as evening course offerings. In fact, the majority of students (55 – 75 %) completing the aforementioned survey

desired courses taught during these times. In addition, the cost of this proposed program will be based upon the established CSUSM graduate program tuition and will be comparable to that of neighboring CSU programs. Since federal financial aid is available for this program, we believe it will provide an attractive option for all prospective students. Lastly, the cohort model will allow students to enroll in all classes needed to graduate without intense competition from other students, which should expedite progress towards graduation and overall provide opportunities for prospective students to have access to this graduate program.

- c. For master’s degree proposals, cite the number of declared undergraduate majors and the degree production over the preceding three years for the corresponding baccalaureate program, if there is one.¹⁷

The existing B. S. Program in Kinesiology at CSUSM has graduated approximately 100 – 120 students annually during the preceding 2 – 3 yr, including approximately 150 in 2012 -2013. It is expected that some of these graduates will apply to this proposed M. S. Program to further their education. From 2008 – 2011, there were 353 to 474 students graduating from health-related majors including BIOL, HDEV, NURS, and PSYC who may desire graduate training in Kinesiology.

- d. Describe professional uses of the proposed degree program.

Much of this response can be found above in Sections 5e and 6a. However, it must be emphasized that chronic disease such as diabetes, hypertension, and heart disease are of epidemic proportions in the state and across the nation, and educational programs are needed that maintain a focus to attenuate severity and onset of disease through applied, student-centered pedagogy and innovative research.

- e. Specify the expected number of majors in the year of initiation and three years and five years thereafter. Specify the expected number of graduates in the year of initiation, and three years and five years thereafter.¹⁸

We envision admitting an annual cohort of up to 12 students per year. In year 2 of Program launch, this will mean up to 24 students in the program, with half of these students finishing their degree and the other half taking their initial coursework.

7. Existing Support Resources for the Proposed Degree Major Program

Note: Sections 7 and 8 should be prepared in consultation with the campus administrators responsible for faculty staffing and instructional facilities allocation and planning. A statement from the responsible administrator(s) should be attached to the proposal assuring that such consultation has taken place.

- a. List faculty who would teach in the program, indicating rank, appointment status, highest degree earned, date and field of highest degree, professional experience, and affiliations with other campus programs. For master’s degrees, include faculty publications or curriculum vitae.

Faculty	Rank	Degree	Year	Expertise	Years of
---------	------	--------	------	-----------	----------

¹⁷ Contact Enrollment Management Services for these data.

¹⁸ Contact Academic Programs for assistance in estimating the number of majors and graduates.

		earned	hired at CSUSM		Experience
Todd A. Astorino	Associate	Ph.D	2004	Exercise Physiology	13
Devin Jindrich	Assistant	Ph.D	2011	Motor Learning	9
Hyun Gu Kang	Assistant	Ph.D.	2014	Biomechanics, Research Methods	5
Jeff Nessler	Associate	Ph.D	2008	Biomechanics, Motor Control	8
Sean Newcomer	Assistant	Ph.D	2013	Exercise Physiology	9
Devan Romero	Assistant	Dr.PH	2011	Public Health	3
Paul Stuhr	Assistant	Ph.D	2008	Physical Education	6

All faculty teaching in the Program have terminal degrees in their fields and are productive academics as exhibited by a history of high-quality publications in their specific areas as well as success in University teaching. The majority of the faculty have prior experience supervising students in mentored research and have sat on Master's or Dissertation committees as required in this proposed degree program.

Note: For all proposed graduate degree programs, a minimum of five full-time faculty members with the appropriate terminal degree should be on the program staff.
(Code Memo EP&R 85-20)

- b. Describe facilities that would be used in support of the proposed program.

As of fall 2013, the Department of Kinesiology maintains existing lab space in UNIV 260 (~2,500 sq ft for the Biomechanics and Motor Learning Labs) as well as ACD 111 – 115 (Exercise Physiology) which comprises another 2,000 sq ft of space. Both spaces have been renovated to accommodate Nursing's move to 3rd floor of University Hall. Regarding classroom space, as most courses will be taught in the afternoon and evening on the CSUSM main campus, dedicated classroom space for this program should be available. Extended Learning is also willing to explore off-campus sites if the need presented itself.

- c. Provide evidence that the institution provides adequate access to both electronic and physical library and learning resources¹⁹

Many of these costs are already part of the existing undergraduate Kinesiology program. Yvonne Meulemans has prepared a statement outlining resource needs of this proposed program which are described in the Appendix.

- d. Describe existing academic technology, equipment, and other specialized materials²⁰

¹⁹ Contact the Library for this report.

The majority of faculty will likely use the current Moodle course management system to organize their courses, and students will need access to the Microsoft Office package as well as SPSS and GraphPad Prism to analyze and graph scientific data. Refresh computers will be requested from Academic Computing for student use in our Labs. All of these services currently exist on our campus, so no new materials would be needed. The existing Human Performance Laboratory and Biomechanics/Motor Learning labs are very well-stocked for the undergraduate program, which is characterized by at least 3 classes with dedicated lab sections as well as faculty scholars who actively conduct research using said equipment. Nevertheless, existing equipment will be quite strained with frequent use by students in the proposed degree program, as the curriculum is characterized by a multitude of lab experiences including these. So, monies have been built into the budget to purchase additional equipment for student use upon launch of the program (\$20,000.00) as well as on an annual basis (\$20,000.00 each year).

8. Additional Support Resources Required

Note: If additional support resources will be needed to implement and maintain the program, a statement by the responsible administrator(s) should be attached to the proposal assuring that such resources will be provided.

- a. Describe additional faculty or staff support positions needed to implement the proposed program.²¹

Student advising will be accomplished both by program faculty and CEHHS Student Services. Faculty chairing theses will receive 0.25 wtu per thesis. No new resources are requested for advising.

- b. Describe the amount of additional lecture and/or laboratory space required to initiate and to sustain the program over the next five years. Indicate any additional special facilities that will be required. If the space is under construction, what is the projected occupancy date? If the space is planned, indicate campus-wide priority of the facility, capital outlay program priority, and projected date of occupancy. Major capital outlay construction projects are those projects whose total cost is \$610,000 or more (as adjusted pursuant to Cal. Pub. Cont. Code §§ 10705(a); 10105 and 10108).²²

Additional lecture space is not needed at this time. Courses will be primarily offered in the afternoon and early evenings when classroom space should not be at a premium. Regarding laboratory space, existing Kinesiology labs in ACD and UNIV should be adequate in the

²⁰ Contact Instructional and Information Technology Services (IITS) for a report addressing information technology and academic computing resources available to support the program. Programs currently possessing additional equipment and specialized material not addressed in the IITS report should include these here.

²¹ Include additional faculty lines needed to support the course offerings indicated in 4.h and 4.m. Indicate whether any external funds are expected to support faculty lines.

²² Contact Planning, Design and Construction for assistance in answering questions about space that is under construction or being planned. Indicate whether any external funds are expected to support construction of facilities.

short-term, although we will always pursue additional lab space if any opportunities arise on- or off-campus.

- c. Include a report written in consultation with the campus librarian, which indicates any necessary library resources not available through the CSU library system. Indicate the commitment of the campus to purchase these additional resources.²³

Please see section 7c and the corresponding report written by Yvonne Meulemans, Wayne Veres (2013), and Bill Ward (2014) regarding anticipated library resources needed for this proposed program.

- d. Indicate additional academic technology, equipment, or specialized materials that will be (1) needed to implement the program and (2) needed during the first two years after initiation. Indicate the source of funds and priority to secure these resource needs.²⁴

Section 7d denotes academic technology resources that will be needed to execute this program, yet all are existing materials so acquisition of any new materials is not expected. Additional laboratory equipment will be purchased to support this program, as “hands-on” opportunities will be central to our pedagogy as well as students’ completion of a thesis in year 2 of the Program. However, funds have been built into year 1 of the Program to purchase new equipment as well as funds on a year-by-year basis to complement existing materials. It is also likely that faculty will use internal/external funding to purchase new or replacement equipment for our Labs.

9. Self-Support Programs

- a. Confirm that the proposed program will not be offered at places or times likely to supplant or limit existing state-support programs.²⁵ NA
- b. Explain how state-support funding is either unavailable or inappropriate. NA
- c. Explain how the program is different, in one or more of the following ways, from state-supported campus offerings operating on campus: NA
 - i. Primarily designed for career enrichment or retraining
 - ii. Program location is significantly removed from state-supported campus facilities
 - iii. The program client group receives educational or other services at a cost beyond what could be reasonably provided under state support.
- d. For self-support programs, please provide information on the per-unit cost to students and the total cost to complete the program (in addition to the required cost recovery budget elements listed in the CSU degree proposal faculty check list found earlier in this document). NA

²³ This should follow directly from the Library report in 7.c.

²⁴ Information technology and academic computing needs should follow directly from the IITS report in 7.d. Additional specialized equipment and materials that will be needed should be addressed here.

²⁵ Pursuant to Executive order 1099, “Self-supporting special sessions shall not supplant regular course offerings available on a non self-supporting basis during the regular academic year (Education Coder section 89708).”

	A	B	C	D	E	F	G	H	I	J	K	L
1	Program Name:											
2	A. ANTICIPATED PROGRAM COSTS											
3				Yr 1		Yr 2		Yr 3		Yr 4		Yr 5
4												
5	Personnel											
6	Replacement Cost for Existing Faculty		9 wtu	\$22,550	9 wtu	\$22,550	9 wtu	\$22,550	9 wtu	\$22,550	9 wtu	\$22,550
7	Course Release for Thesis				3 wtu	\$7,517	3 wtu	\$7,517	3 wtu	\$7,517	3 wtu	\$7,517
8												
9												
10	Space											
11	Construction											
12	Renovation											
13												
14	Library Resources											
15	Acquisition			\$5,000		\$3,000		\$3,000		\$3,000		\$3,000
16	Subscription											
17												
18	Equipment/Materials											
19	Durable			\$15,000		\$15,000		\$15,000		\$15,000		\$15,000
20	Expendable			\$5,000		\$5,000		\$5,000		\$5,000		\$5,000
21												
22	Program Cost			\$47,550		\$53,067		\$53,067		\$53,067		\$53,067
23												
24	Planning Assumptions:											
25	1. Replacement Costs = \$1,771 per wtu (salary) + 41% benefits = \$7516.71 per 3 unit course											
26	2. Salary costs do not include pay increases. Use increase information if available											
27	3. Thesis/Project Chair 4 theses:1 wtu											
28												

Appendix A

Appendix B

Program Name: Kinesiology MS program

B. ANTICIPATED REVENUES

	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5
First Year	12	12	12	12	12
Second Year	0	11	11	11	11
TOTAL	12	23	23	23	23
FTES	12.00	23.00	23.00	23.00	23.00
Revenue to AA	\$48,000	\$92,000	\$92,000	\$92,000	\$92,000

Planning Assumptions

1. 10% attrition from Year 1 to Year 2
2. By Yr 3, program at steady state
3. FTES assumes average unit load of 9 units graduate
4. Under normal budgetary conditions, Academic Affairs receives approx. \$4,000 per FTES. Might require UBC request.