

## Required Investigation and Statements:

- ❑ Contacted an associated professional organization to determine support of proposal
  - California Medical Association contacted
- ❑ Provided a list of the titles of the degrees and programs to document the need for a new or revised discipline using the below criteria:
  - Minimum of three degrees
    - Allied Health Care Careers-Certificate of Achievement (Coastline College)
    - Health Science Certificate of Achievement (Coastline College)
    - Health Sciences Associate of Science (Saddleback College)
    - Nursing Associate of Science (El Camino College)
    - Biology, Pre-Professional (Palomar College)
    - Pre-Health Occupations-Associate of Science (Sacramento City College)
    - Health Sciences Associate of Science (Irvine Valley College)
  - Regionally accredited institutions (all public institutions in California)
    - 12 medical schools
    - over 30 schools with master's in nursing
    - 6 dental schools
    - 8 pharmacy schools
    - 16 physical therapy schools
    - 3 osteopathic schools
  - Disciplines in the master's list requires evidence of the availability of master's degrees
    - Adding the professional master and doctoral degrees to the biology master's degree increases and enhances the teaching pool
  - Disciplines in the Non-masters List requires evidence of the availability of degree, certification, and/or professional experience, if necessary
    - Not applicable
- ❑ Provided statewide need documented by evidence to show a change is necessary and not merely a response to a unique need of one college, district or region. Demonstrated a balance of need across the state and included a discipline seconder from another district.
  - Nearly every community college in California offers preprofessional coursework
  - Seconded: Dr. Mia Nobles-Dobbs, El Camino College
- ❑ Explained the impact of proposal across the state using a list the pro and con argument and including refutation of the con arguments
  - There is really no con to adding this discipline. Many colleges have already separated their biological sciences programs into two categories to recognize the needs for our pre-professional students. Expanding the teaching pool for the medical and health sciences to include professionals with masters and professional doctorate degrees and maintaining those with masters or above in the biological sciences only serves to give our students a richer experience.
- ❑ Provided other evidence such as significant changes to the field that requires a change to the Disciplines List.
  - Currently, many of these courses are offered in the Biology discipline, where the minimal qualifications are masters in any biological science, or bachelors in any biological science and masters in biochemistry, biophysics, or marine science. There

are no professional degrees recognized as the minimal qualifications to teach human anatomy or human physiology (to name a few), whereas one with a master's in marine science is eligible to teach medical and health science courses. Adding a new discipline will expand the pool to include exceptionally educated and practiced individuals. By creating a new discipline, this removes the degree of master's in Marine Science, which plays no part in preprofessional biological coursework.

- ❑ Provided a ½ page written rationale to be included in public documents.

#### Proposal for a New Discipline: Medical and Health Sciences:

Whereas the pre-professional coursework for nursing, pharmacy, physical therapy, occupational therapy, physician assistant, medical, osteopathic, and dental schools is highly desired and impacted throughout the California Community College system,

Whereas all community colleges in California are constantly looking for and hiring faculty to teach courses in the medical and health sciences, namely anatomy and physiology,

Whereas those with master's degrees in physical assistant or nursing, or doctoral degrees in medicine, dentistry, occupational therapy, physical therapy, osteopathy, or pharmacy undergo rigorous additional training in the medical and health sciences,

Whereas currently those with these degrees must go through equivalency processes to teach these biological science courses, and often this process is delayed especially in the summer when faculty are on leave,

Be It Resolved, that the Academic Senate of Coastline College, propose a new discipline called Medical and Health Sciences that include the pre-professional biological science coursework and

Be It Resolved, that this new discipline of Medical and Health Sciences have the following Minimal Qualifications: Master's in any Biological Science or Physician Assistant or Nursing; Doctor's in Medicine, Dentistry, Physical Therapy, Occupational Therapy, Chiropractic, Osteopathy, or Pharmacy; Or Equivalent.