

CAAC Meeting Minutes
December 18, 2018

Voting Representatives Present: Jim Baygents, Barbara Bryson, Elliott Cheu, Barbara Citera, Melissa Fitch, Kim Jones, Mary Koithan, John Koshel, Francesca López, Lisa Ordóñez, Pam Perry, Lucinda Rankin, Martina Shenal, Janet Sturman, Keith Swisher

Additional Representatives Present: Pam Coonan, Chrissy Lieberman, Martin Marquez

Absent (without proxy): Amy Kimme-Hea, Maria Manriquez, Mike Staten, Douglas Taren, Ted Tong

Chair Kim Jones called the meeting to order at 11:01 AM.

I. Approval of November 27, 2018 Meeting Minutes

II. Agenda Items

a) MS in Entrepreneurship- Rick Yngve

Ten course program focusing on start-up and early stage venture development. Proposed program focuses on opportunity analysis, validation research, and design thinking. Would be one of the early MS programs available in US. This is a growing area and has demand from online and students seeking non-traditional career paths.

CAAC members discussed the history of the proposal and feedback received from various councils including college and graduate programs executive committee. The program will be offered fully online.

Barbara Citera motioned to approve the proposal. The motion was seconded by Jim Baygents and approved.

b) BAS in Informatics- Li Xu and Ryan Straight

Barbara Citera gave historical background on Bachelor of Applied Science degree, existing Applied Science majors, and range of sub-plans. Sub-plans are not ABOR compliant. Proposals considered today are a result of clean-up efforts. This proposal combines existing informatics and network operations sub-plans into a single major.

CAAC member asked how much had changed from the existing sub-plans. The proposed program has an updated core and is based on existing courses within the individual sub-plans. The key elements in the core include programming, conditional thinking, human-computer interactions, networking, security, data analysis, and program management. CAAC member asked about the BAS degrees' general education structure. Barbara went over the target audience and UA South as transfer institution. CAAC member asked about the second language requirement. UA South is planning to submit a request to University-Wide General Education Committee (UWGEC) to get approval to substitute a programming language course for satisfying the second language requirement.

c) BAS in Cyber Operations- Li Xu and Ryan Straight

Includes three sub-plans in Cyber Engineering, Defense/Forensics, and Cyber Law and Policy.

College of Law representative indicated support for the law sub-plan and would like to collaborate in the future. CAAC member asked about the cyber engineering sub-plan and if conversations with College of Engineering had taken place. The Cyber Engineering sub-plan is NSA approved track and conversations have taken place with College of Engineering. The Cyber Engineering sub-plan requires completion of the

undergraduate certificate coursework per NSA. The sub-plan was created as a response from Fort Huachuca and serves that population.

Additional discussion without presenters:

CAAC member asked about managing these plans/offering this curriculum at UA Mauritius micro-campus. UA South is working out the details. Will there be concerns regarding technology transfer/security issues for UA Mauritius? Lisa Ordóñez offered to forward the MS in Cybersecurity proposal for insight on addressing those concerns. Barbara mentioned that SBS had concerns over curriculum overlap with existing programs. Working with SBS to create an MOU.

Elliott Cheu motioned to approve the BAS in Informatics. The motion was seconded by Cindy Rankin and approved.

Martina Shenal motioned to approve the BAS in Cyber Operations. The motion was seconded by Melissa Fitch and approved.

d) BS in Applied Physics and Disestablishment of BA in Physics- Srin Manne

The proposal is inspired from the results of a years-long study by the American Institute of Physics. About 40% of physics students enter workforce immediately and are not always getting the skills necessary to work with diverse teams. Presented the 13 findings from the report and what is/is not addressed in the existing physics program. The proposed BS in Applied Physics mirrors a trend in peer institutions across the nation. The BS in Applied Physics requires less upper division physics units (when compared to the existing BS in Physics), and requires a course in statistics or data science, a course in public or scientific communication, and 12 units of technical electives. In addition, the program requires a year-long project course taken along with engineering students that requires collaboration, communication, and teamwork with students outside the physics department.

CAAC member asked about requiring communication and teamwork coursework of all physics students. Currently, the existing BS in Physics curriculum does not have room for students to take additional work. CAAC member asked about offering the curriculum as a sub-plan. Physics faculty feel strongly that this should be a separate major. Having a separate major permits flexibility to tailor and modify as needed. The new major could be advertised as a stepping stone to applied physics graduate degree programs. Elliott Cheu provided information on the number of students currently pursuing physics and stated that there was no concern over productivity. CAAC member discussed the history of engineering physics program. CAAC member asked about having access to communication courses and obtaining letters of support. Srin has email from iSchool to include ISTA courses, will forward. Srin intends to work with Pima CC faculty to recruit potential students.

Janet Sturman motioned to approve the BS in Applied Physics. The motion was seconded by John Koshel and approved.

Kim Jones motioned to disestablish the BA in Physics on the condition that the BS in Applied Physics is approved. The motion was seconded by Melissa Fitch and approved.

e) BAS in Leadership and Commerce- Eric Mapp and Romi Wittman

Proposed major combines existing sub-plans in organizational leadership and regional commerce. Discussed student populations in the existing sub-plans. The BS in Commerce is being disestablished. Eric gave an overview of the AAS degree and how this program permits AAS students to continue their education. The proposal includes two sub-plans: organizational leadership and regional commerce. Students in the regional commerce sub-plan are expected to have a business background.

Lisa Ordóñez asked to table the proposal since the proposed program will fall under the AACSB accreditation umbrella. Requested additional time to have AACSB liaison look over the proposal.

Discussion about the name of the major, organizational leadership vs leadership. Discussion about changing the name of the proposed program to BS in Organizational Leadership and Regional Commerce. Proposers were amendable to changing the name. CAAC member asked about the competition occurring between UA South and Main campus programs. Discussion on the target audience, recruitment, and marketing to AAS students. Discussion of admission requirements for BAS programs including AAS pathways and GPA requirement. CAAC member encouraged a reduction in the minimum GPA admission requirement. Discussion of ABOR documentation regarding BAS structure and AAS-only pathway. Additional discussion took place after the presenters left regarding the AACSB accreditation requirements, MOUs, similar programs offered across campus, and WUE.

Lisa Ordóñez motioned to table the proposal. The motion was seconded by Melissa Fitch and approved with 2 abstentions.

f) BS in Emergency Medical Services- Joshua Gaither and Kristina Waters

Discussion of existing community college pathway for educating paramedics. Paramedics desiring a leadership role require a degree. The proposed major would permit paramedics to gain knowledge and experience to prepare for those roles by requiring coursework in leadership, science, and clinical EMS care. The program would provide advanced training unavailable through community college training. Proposal includes a minor that would permit EMT students to have clinical experiences.

CAAC members expressed support for the proposal and discussed the success of the student UA-EMS program. CAAC member asked for clarification of CHEM and MATH requirements. CAAC member asked about handling the potential large student demand for the minor. Discussed UA-EMS membership cap, requirements to apply, and the internship experiences. The department has partnerships that would help provide meaningful experiences. Additional discussion took place after the presenters left regarding the UA-EMS club, student demand for hands-on experiences, and need for the bachelor degree.

Jim Baygents motioned to approve the proposal. The motion was seconded by Melissa Fitch and approved with 1 abstention.

g) MA in Educational Policy- Francesca Lopez

Provided brief overview of the department and existing programs offered. Student inquiries regarding educational policy. The proposed program is interdisciplinary. Provided comparison of other similar programs. Good timing for this program due to the renewed focus on education including Red 4 Ed.

CAAC member asked if there is a PhD that is offered in educational policy. Yes, educational leadership and policy. CAAC member asked if the focus is on national and international as well as regional. Will depend on student interest. CAAC member asked about the number of anticipated students. Expect 10 with room to grow. Can handle program size of 20-30 and will re-evaluate if there is larger demand.

Janet Sturman motioned to approve the proposal. The motion was seconded by Cindy Rankin and approved.

III. Consent Agenda—consent agenda items approved as submitted, no comments.

IV. Meeting Adjournment