# APCC PNOI REVIEW November 14, 2018

**Meeting Process & Notes Overview**

During the meeting, APCC members were asked to remember that only PNOIs were required – full proposals are included but are not required.

Ratings were due by the end of day November 14 from APCC members. Members were asked to evaluate all proposals on a single criterion before moving on to the next criterion.

Jill noted that the budgets are not accurate. APCC agreed not to complete the resource ratings at this time. The resource impact can be revisited.

The following sections provide notes from meetings and the comments from members for each program proposal submitted.   
  
*All the notes and comments in this document are unedited and hence might contain typos and grammatical errors.*

## Ex-officio General Concerns/Comments

Space – I really wish this process included details about space needs for the program to be sure that we had information in advance.  The MSES and MSECE likely will need specialized space and our existing computer classroom space is at a maximum now.

Tuition Exemption – As <redacted> noted today, we would want to be clear if these programs were eligible for tuition exemption.  I would imagine that the School Psych would not since the School of Education has recently engaged in a policy change to limit tuition exemption.    The DNP proposal is of greatest concern since Nursing now has a significant group of tuition exemption students in the Master of Nursing degree.     But any of these “high-cost” programs should be reviewed as eligible for this space available opportunity.

Similar to some comments voiced in the group, I felt that the EdS in School Psychology, BA in Art, and MS in Environmental Science all add programs with built in demand, limit the potential for "poaching" students from other programs, offer a variety of opportunities for cross collaboration with other units/programs, and seem pretty clearly aligned with campus strategic goals, particularly when thinking about engaging with the broader community.

[Library Feedback for PNOI Review - notes on possible resource impacts](https://docs.google.com/document/d/1gXesKKfuMcWmKP5xM_xOaboOU0qZfdYgbgQOmKwHbsQ/edit?usp=sharing)

Ed.S. in School Psychology  
  
Meeting Notes

* Unclear who the target students are. Would this attract students with a bachelor in social work or psychology? Is there interest by UW Tacoma students?
* There is planned integration with the EdD program and a number of courses in the curriculum are already offered in the SOE.
* Anecdotal data is supportive but there is a lack of comprehensive data because this was completed prior to the PNOI
* How would internships be managed when there is a shortage of school psychologists?

## MS in Environmental Science

#### Meeting Notes

* An existing proposal for some time
* Would be the only thesis-based program in the natural sciences; but also has a course-based option. Having both is realistic and smart.
* Builds on existing collaborations with the faculty and community, can advance interests of the community
* Unclear whether the seminars are optional or required for both thesis and course option.
* Wondering how they would target working students if the courses are during the day. A hybrid option might need to be considered.
* Have international students been considered? Might attract them. Does not affect tuition.
* Is there an option for a fast track for bachelor’s students to move on quickly through a master’s?
* UW Tacoma does not pay for a lot of the science resources that exist more broadly in the system, so additional resources would be required to pay for the additional usage.

## BA in Economic and Policy Analysis

#### Meeting Notes

* Structure of the degree is challenging. The core classes can largely be done at community college, but this means the work at UWT is all electives. There are not foundational courses to support skill building toward the higher level courses.
* Quant data analysis is a purpose of the program, but there are not requirements beyond pre-calculus, and the curriculum does not encourage students to take the math as a pre-req so students can take this later.
* There’s a lack of depth in the curriculum – no intermediate micro or macro? At least one of these should be a requirement. This creates requirements for pre-reqs.
* Intention of the program is good – it seems idealistic
* Articulation agreements are difficult and not a reliable way to move forward with the program.

Response from Will regarding concerns: we are concerned about how to cultivate the quantitative skills for the program. We decided on pre-calc because the modeling aspects are similar to what is needed. A lot of skill building would happen at the mid-major course (which is one 3-credit course). Working with data would happen in 400-level classes. Focus is more based on application, focused more on understanding data and writing. For students going on to grad school, we add the honors option.

## BS in Mechanical Engineering

#### Meeting Notes

* There are two existing engineering programs: computer engineering and electrical
* Requests for faculty should include more attention to SIAS faculty who are needed for chemistry, physics, math, etc. There is a risk of courses getting bloated.
* The demand for this degree is obvious.
* It’s very hard to achieve the diversity goal that is stated. The section seemed weak and we have to wonder if we can achieve the outcomes.
* Capacity constraints are significant – the lab space is limited to 25 and that will be the biggest constraint
* They have support from local companies.

## Doctor of Nursing Practice

#### Meeting Notes

* We love the table but aren’t sure that it supports their argument.
* It’s a very specific niche so the program would be small.
* Need greater clarity about what the demand is.
* Would like greater clarity about how they will work with Seattle.
* It would be helpful to know more about who was surveyed.
* Like the idea of stacking the degrees on each other.

## PhD in Computing

#### Meeting Notes

* Existing PNOI has been reviewed at APCC
* Does not specify what courses would be
* Sequentially this would likely have to come after the Masters degrees because it would be linked to the courses offered in those programs
* The Masters students only come for one year, so the faculty benefit from doctoral students to do research over longer periods
* Very small (2-3 students) and requires outside funding
* Compared to Seattle – this is only 45 credits of coursework vs. 90 credits in Seattle
* It’s unlikely that the program could be done so inexpensively
* Might need additional labs
* What happens to gifts – will this be sustainable?

## MS in Electrical and Computer Engineering

#### Meeting Notes

* Creates a pathway for students to move on from master’s degrees
* Would this actually attract companies to come to Tacoma?
* Their survey of EE and CE students showed that 60% would pursue a masters – very high demand among current students
* This does not appear to overlap with existing offerings at the master’s level
* This requires a large number of new courses to be developed – does the existing faculty have the capacity to develop and deliver the full range of classes that is required
* The thesis option might reduce the need for all those courses to be there right away
* Consider partnering with other degree programs and leveraging existing courses
* Staffing support would be needed for international students

## MS in Information Technology

#### Meeting Notes

* Used to be self-supporting – now not due to inclusion of overheads
* Information Technology is fairly vague – it would be nice to have some specificity and depth in various areas because the need in industry is for deep skills in specific areas around databases, for example
* We don’t have support from industry that this is the degree that is desirable. How would the industry board measure the effectiveness of the program?
* Need to figure out what existing courses could fit from computer science
* Can lecturers qualified with masters degrees teach masters students under ABET?

## BA in Arts

#### Meeting Notes

* All the courses are already in place
* Should think about collaborating with other units – Want to avoid these students being in their own little niche.
* Infrastructure and resources are required, both space and technology
* Seems very appealing to our community and neighborhood

## BS in Civil Engineering

#### Meeting Notes

* Need to factor in the increased enrollment in the feeder courses in the program
* Labs will be required – space and equipment challenges
* Potential synergies with environmental engineering, faculty in other units

## Overall Recommendation

These were the total count of proposals by degree and by school or program.

4 bachelors

4 masters

2 doctoral

1 Education – EdS

1 Nursing - DNP

3 SIAS – BA Arts, BA EPA, MS ES

5 SET – BS ME, BS CE, MS IT, MS ECE, PhD C

Here’s the priority that APCC recommends for the PNOIs.

Highest Priority

MS ES

EdS in Psychology

MS ECE

BA Art

Medium

BS ME, BS CE

PhD Computing

Low

BA EPA

DNP

MS IT