Forestry Advisory Committee Meeting

Wed. March 29th 2017 4:30-6:00pm room AT 127

Meeting started at 4:35 pm in AT127 on the College of the Redwoods campus with Tim Baker (CR), Mickey Jarvi (CR), Frank Mileham (Natural Resources Management), Russel Forsburg (American AgCredit), and Jay Fazio (CalFire/CLFA-president) in attendance.

Agenda

1. Program Updates
   1. Introduce Dr. Mickey Jarvi --The meetings starting with greetings and introducing Mickey Jarvi as the new FNR forestry professor -
   2. Program enrollment trends - Enrollment is a little down but is staying solid.
      1. One of the reasons for this is that the local demographics have been down for local high school aged individuals that would be potential CR students
      2. Tim noted that many students come to the FNR program from out of the local area.
      3. The board commended the FNR program for regularly maintaining the FNR Facebook page but everyone agrees that the CR FNR website is very dated, plain looking, and does not have up-to-date information.
      4. The board asked about marketing for both CR and the FNR program and Tim noted that there has been a new PR representative hired and this is being worked on.
   3. Budget -- Tim and Mickey talked about the new drone and drone program at CR and the board was very excited to get that type of technology into the student’s hands.
      1. The board recommended to continue increasing technology in the classroom and showcasing that technology with social media to attract more students to both CR and the FNR program.
2. Curriculum revisions – including Skill Gaps
   1. Course updates – Tim presented the updates to the program curriculum (see attached) that is needed to replace inactive courses and enable for more efficient transfer for students to HSU. The Committee unanimously supported the proposed changes which includes the new courses listed below.
   2. New courses -- Tim and Mickey introduced the FNR 46 (new computer class, 1 cr.) and FNR 3 (new 1-credit freshman seminar class)
      1. Tim and Mickey talked about students lacking the skills to use computers and computer spreadsheets to enter, manipulate, and interpret forestry and ecological data.
      2. The board also recognized that newly hired employees also lack these skills.
      3. The board was excited about the seminar class and the options to talk to students about potential employment in the field of forestry.
      4. The board is also concerned about students gaining skills on writing a resume, preparing for an interview, conducting the interview, and most importantly being a reliable and dependable worker once they obtain their employment.
      5. Tim and Mickey are confident that the students will gain these skills with the new freshman seminar class.
   3. Program revisions -- Tim and Mickey spoke about revamping the FNR geospatial classes so that they articulate with HSU geospatial classes.
      1. This will involve combining concepts from FNR 58, 65, and 67 (Remote Sensing, GIS, and GPS) into an introduction to geospatial concepts class. Though this revision won’t likely occur until Fall ’17 so we will revise current curriculum with geospatial like it is now and re-submit again next year once the geospatial courses are revised.
      2. This class will fully absorb FNR 67 (GPS).
      3. FNR 65 Introduction to GIS will then be a combination of FNR 65 and FNR 66 (Spatial Data Analysis in GIS).
      4. FNR 58 will be increased from a 2 credit class to a 3 credit class.
         1. The new drone will be incorporated into all 3 classes.
         2. A new class that just involved the drone will be considered for the future.
3. Accreditation Tim and Mickey have sent the letter to apply for candidacy.
   1. Process
      1. Once candidacy is granted CR will have 5 years to apply for accreditation.
      2. Tim and Mickey will be sending a report to SAF by June 30th that will continue the accreditation process.
   2. Requirements
      1. Either Tim or Mickey will have to travel to the annual SAF meeting in Albuquerque NM this fall (2017) to meet with the SAF accreditation board.
      2. CR has not been able to apply for this accreditation until the FNR program had 2 full time faculty members, which we now have.
4. The board meeting then moved to recommending Tim and Mickey to become registered professional foresters with the state of California.
   1. Tim could start this process now.
   2. Mickey would apprentice under Tim for a couple years until he is eligible to take the test.
   3. The board also recommended that Tim and Mickey become SAF certified foresters and that this would assist with SAF accreditation.
5. Adjournment

A.S. Forestry and Natural Resource Technology – yellow indicates courses added to program requirements, red indicates courses removed, and green indicates courses that articulate with HSU.

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| **Requirements** | **Discipline Name/#** | **Name** | **Units** | **CSU-GE** | **IGETC** | **Sequence** |
| General Education Core Courses (D1, D2) | ENGL 1A  COMM 1 | Analytical Reading and Writing  Public Speaking | 4  3 | 3  3 |  |  |
| General Education Specific Courses (A, B, C, D3) | AG 17  Or  CHEM 2  BUS 10  ENVSC 11  MATH 15  Or 25  Or 30 | Intro to Soils  Intro to Chemistry  Intro to Business  Environmental Ethics  Statistics | 3  5  3  3  4 | 3  3  3  3 |  |  |
| Program Requirements | ~~AG/IT 46~~  FNR 1  FNR 3  FNR 5  FNR 10  FNR 46  FNR 51  FNR 52  FNR 54  FNR 58  FNR 60  FNR 65  ~~FNR 67~~  FNR 77  FNR 80  FNR 87 | Computers in Agriculture  Intro to Forestry  Freshman Seminar in FNR  Forest Ecology and Management  Timber Harvesting  Computer Apps in FNR  Dendrology  Surveying  Inventory Techniques  Remote Sensing  Forest Health  Intro to GIS  ~~Intro to GPS~~  Wildland Fire  Watershed Mgt  Wildlife Biology | ~~3~~  3  1  3  4  1  3  4  3  ~~2~~ 3  3  3  ~~1~~  3  3  3 | (3) |  |  |

Total 19 60