UNM Math & Stat
Service Course Advising

5 W’s, 1H, & What If?

Dept. of Math & Stat
Spring 2016 – Advisor Institute
Agenda

O Who?
  O The Issues

O What?
  O UNM Academic Advisors: Math & Stat Service Course Advising

O When?
  O Processing overrides

O Where?
  O Banner – SFASRPO
  O LoboAchieve
  O Transfer Course Audit

O Why?
  O Advising Theories

O How?
  O Math & Stat Advising Structure
Service Course Advising for Fall 2014: 8,488 students enrolled
  - Math 101-264 – 6,540
  - Stat 145-345 – 1,413
  - Math 300/400 (non-major) - 535

Manual registration overrides - Banner
  - Dept. advisor and A&S advisor
  - 1,221 overrides - Fall 2014 (May–Aug)
  - Students must be registered for 15 hrs. before they leave NSO

“We are professionals, the department should trust us.” – UNM Advisor

- Lack of communication of non-math major’s needs to the dept.
- New building – plumbing problems
- Placement
  - Lack of a Challenge Process
  - Test Taking Anxiety

Who? ...The Issues
What?

UNM Academic Advisors:
Math & Stat Service Course Advising
In Banner (SFASRPO), the two reasons to process registration overrides for your school/program’s students only:

1. When official scores are not in Banner, but are available for you to see in person or online/emailed to you.

2. IP courses from other institutions = ex. CNM Summer College Algebra wants Fall Math 180 at UNM.

*must already have access to process overrides in Banner
Overrides cont.

- All overrides must be tracked in LoboAchieve in the “Override Note” section.
  - “Processed Math 162 override. I saw paper/online Summer 2015 schedule where student is registered for Math 123 and Math 150 at CNM.”
- Audit all overrides the week before courses start to check that prereqs have been met – check with your coordinator to see what process to follow.
  - A&S form for IP courses
  - Engineering in-house tracking system
Why? …Placement

- **The Paternalistic Approach** (Akst & Hirsch, 1991)
  
  "A college which chooses to make its placement decisions mandatory has a particular obligation to establish the validity of its placement procedures."

  - Valid placement instrument
  - Quality of advising
  - Nature of the student population

- **The Readiness Gap** (Dept. of Higher of Ed, 2010)

  - Every year in the U.S. 60% of first-year college students are not ready for postsecondary studies in English & Math
  - Lack of readiness for college is a major culprit in low graduation rates and as we know a lack of self-confidence
Developmental Advising (O’Banion, 1994)
- Exploration of life goals & career goals
- Choice of program & course
- Scheduling classes

The Professional Advisor (Epps, 2002)
- Autonomy
  - Advisors who view themselves as professionals, have a need, not just a desire
Fall 2014 –
  o Professional Academic Advisor Committee

Spring 2015 –
  o Service Course Prerequisite Audit
    o Pre-calc Director & Instructors
  o A&S
    o Time in service, Training, & Audit process

Audit: Spring 2015 Registration
  o “Pre-requisite check”
    o Department Advisor and Service Course Coordinators
  o Credentials & overrides
    o College of Arts & Sciences
    o School of Engineering

Results from Dept.
  o 30% of Service course overrides processed by committee members
  o Spring 2015: 2 override “mistakes”
    o 1 was mine...

Program Evaluation
How?
Dept. Advising Structure

A&S Advisor
- Math/Stat, Physics, Biochem, and A&S advising center
- Graduation Checks
- Degree Audits
- Assist dept. when possible...
  - Transfer Course Equivalencies
  - UG Service Course advising

Faculty Advisor
- Graduate Advising
- Undergraduate Majors
- UG Faculty Mentor

Program Advisor
- Graduate Advising
- Program Advising
- Transfer Course Equivalencies
- Service Course Advising

UG Math & Stat Service Course Advising
All UNM Academic Advisors who complete Math & Stat Service Course Advising Training... Thank you!
What If?

* UNIV 103 2nd week exam – Math 101
  - What instructor & when?
  *Math 162 – Math 180
  *Math 180 & Trig – Math 162
  *Instructor Permission

Thank you for your dedication to the academic success of your students!
Resources


