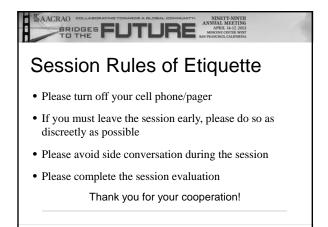
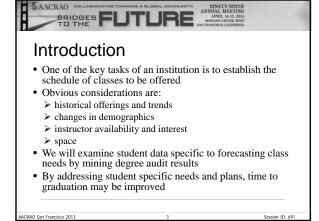
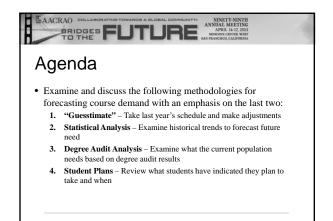


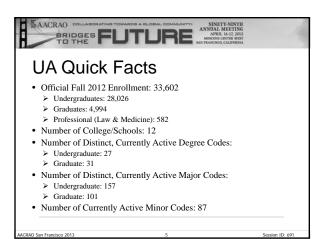
Forecasting Course Demand

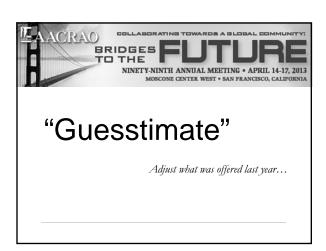
Presented by: Kenneth Foshee, Ph.D. The University of Alabama Wednesday, April 17, 2013 9:15 AM - 10:15 AM Session ID 691













What Was Offered Last Year?

- The most common methodology in setting class schedule
- Adjust last year's offerings based on availability and interest of faculty
- Guess/Estimate for changing demographics and student needs
- Adjust sections, rooms, number of seats in response to registration
- "After the fact" response

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• The "Just in Time" approach can lead to room bottlenecks and staffing shortfalls

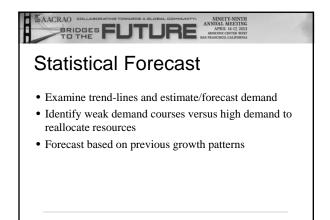
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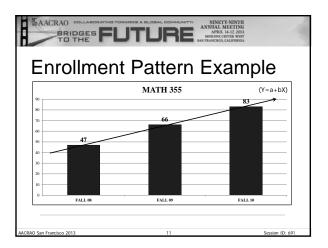
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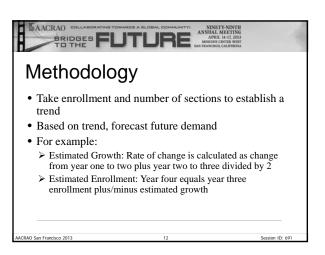


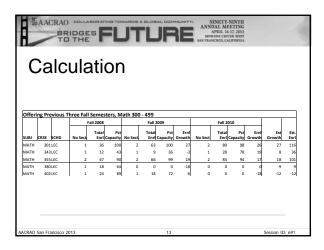
Statistical Model

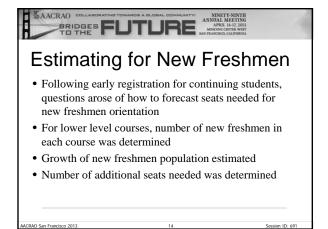
Statistical review of previous offerings...

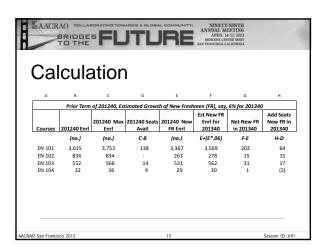


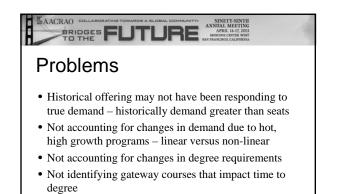












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Course Need

What do students need based on degree audit...

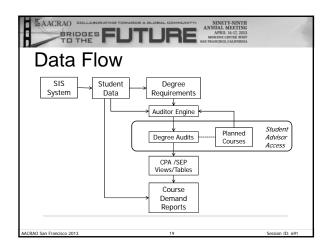
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Analyzing Degree Audit Ro	esult

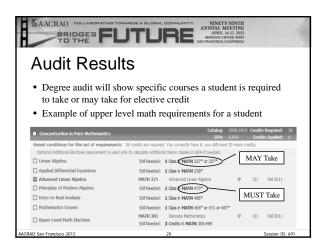
- In 2009 UA began utilizing Degree Works (DW) as the University's degree audit system
- DW has the ability to extract data to create various reporting tables
 - Curriculum and Planning Assistant (CPA) views.
- Included is a table of what courses a student is required (MUST) or potentially (MAY) take as an elective
- By analyzing specific populations, an institution can more effectively address course demand/need

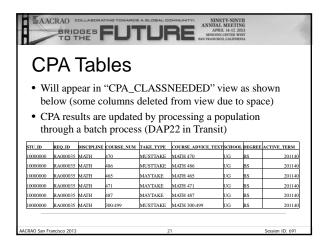
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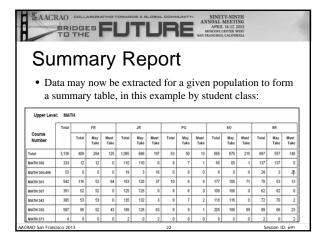
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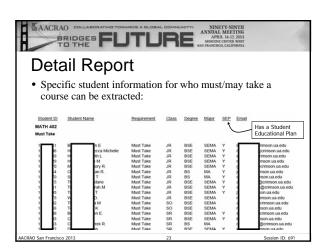
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Problems		
• Dependent on populanalysis	lation of students s	selected for
• Does not account for	or expected growth	
• Seems to best serve lower level where s	11 3	*
 Requires accurate a catalog years of stud 	υ	essentially all
• Will not assist with	forecasting electiv	e courses
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Course Plan

What have students indicated they plan to take...

