BRIDGING THE GAPS:
ONLINE COURSES, ONLINE SECTIONS AND BLENDED INSTRUCTION AS MEANS TO SOLVE BOTTLENECKS FOR STUDENTS

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Required Gateway Courses for Transfer Students

- Problem: Can’t Enroll in Time
- Solution: Online Courses in Summer Session
- Example: UCSB Biochemistry Gateway
SEQUENCING BOTTLENECKS

- Required Courses Taken Out of Sequence
  - Problem: Upper Division Students Competing for Space with Lower Division Students
  - Solution: Blended Instruction with Online Lecture for Upper Division Students
- Example: UCSC Anthrology
PREPARATORY BOTTLENECKS

- Preparatory Gaps for Undergraduates
  - Problem: Gaps in Essential Preparatory Coursework/Skills in High School or Lower Division
  - Solution: Blended Instruction Incorporating Pretesting, Supplementary Material, and Post Testing for Mastery
  - Example: ALEKS for UCSB Chemistry