Major Forces in Non-Majors Courses: Shaping the SI Experience for Urban Education Students

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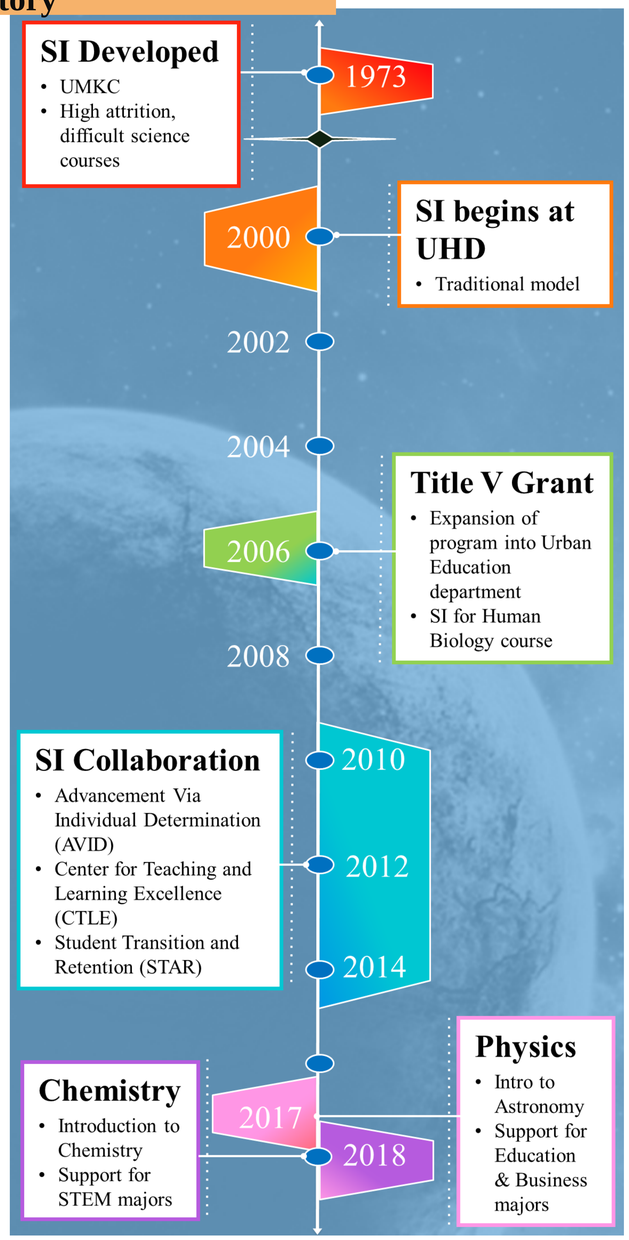
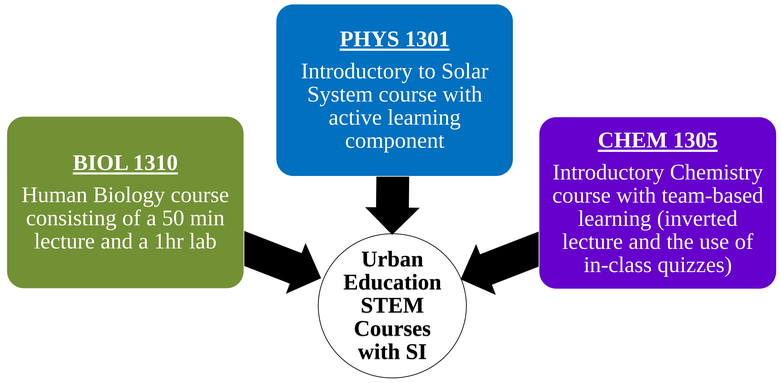
History



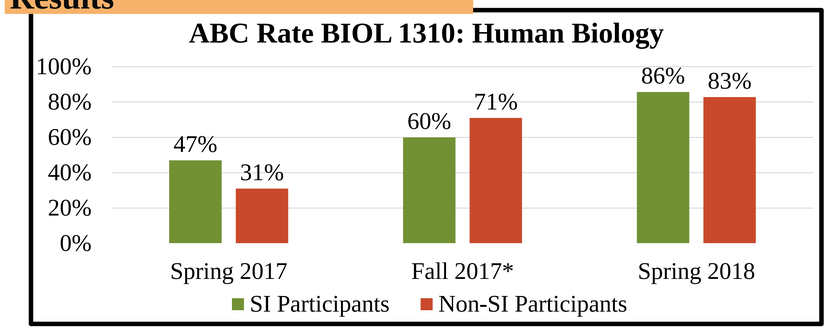
Cohort Schedule

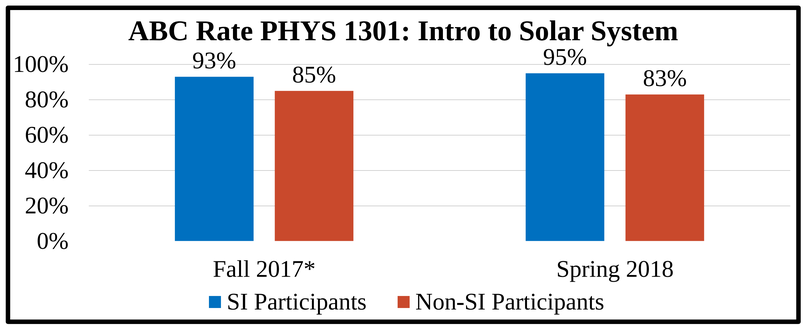
BIOL 1310 → PHYS 1301 → CHEM 1305

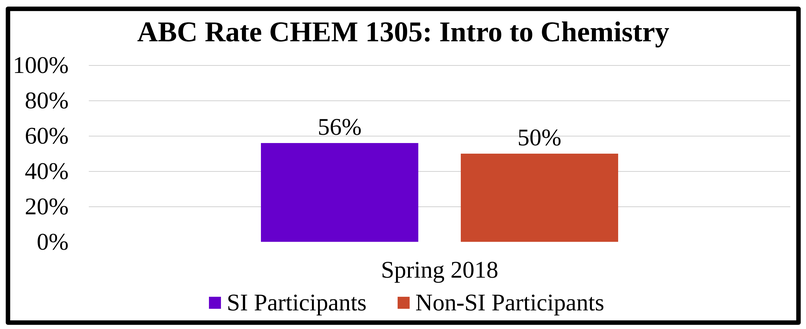
Urban Education STEM Courses



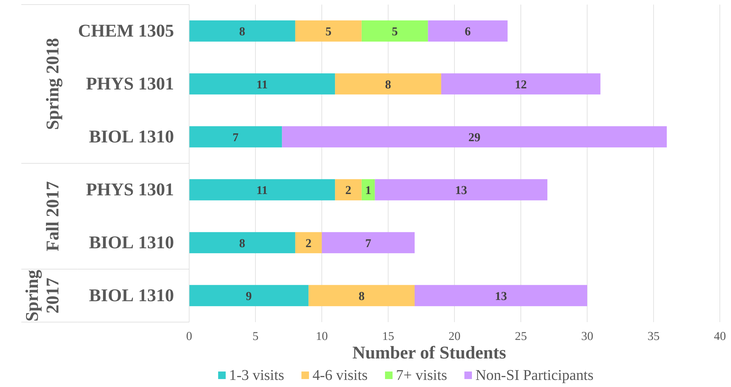
Results







SI Attendance



SI Leader Testimonials

BIOL 1310	PHYS 1301	CHEM 1305
• Incorporating active learning in the sessions seemed to interest the students who attended SI sessions.	• Students seemed to grasp the content of the solar system and its origins during exam reviews. • Having the course connected to the lab allows the students to practice mastering the content.	• Majority of students who attended sessions wanted to move on to CHEM 1307. Also, completing online homework was essential in performing well in the course.

Reflections/Observations

- Major attendance difference in PHYS 1301 and BIOL 1310 sessions
  - Faculty instruction and active learning component
  - Duration of lectures and sequences of cohort schedule

Future Directions

- Collaborate with the BIOL 1310 lectures and the SI sessions
- Increase attendance in BIOL 1310, CHEM 1305 and PHYS 1301 SI sessions
- Recruit future SI leaders from Urban Education Program

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