



**SAN FRANCISCO
STATE UNIVERSITY**



**CENTER FOR
SCIENCE &
MATHEMATICS
EDUCATION**

Supplemental Instruction (SCI) Courses at SF State:

Get more out of your Science Math, and Engineering classes!

Learn how to study effectively and efficiently with your friends!

What is a SCI course? Who teaches the SCI courses?

- 1-unit companion courses for students in the College of Science and Engineering.
- SCI classes meet for 1 hour, 40 minutes once per week to go over concepts and do problems in groups, based on material covered in the parent course.
- The classes are run by peer undergraduate student facilitators (who are all STEM majors) trained in active learning strategies.

What happens in a SCI course? Are there tests or extra homework?

- No homework. No tests. Grades are based on class participation.
- **Learning is fun in SCI!** We play lots of games and do activities to help you learn.
- **Learn strategies for success** in your science and math courses, as well as in life.
- SCI is NOT one-on-one tutoring or open study hall.

What are some of the benefits of taking SCI courses?

- SCI courses can help students earn **better grades** in their courses and thus progress more smoothly in a STEM major. On average, **students who take SCI are twice as likely to pass their parent class** with a C or above!
- Students taking SCI courses get **more practice** engaging with the material, multiple points of view about how to solve complex problems, and develop their ability to work in groups.
- SCI students also become part of a **vibrant and supportive community** working towards a meaningful educational experience for all students. Students often say that their SCI section is a safe place to make mistakes and ask questions.

How do I find and enroll in a SCI course?

- Search the class schedule for "SCI".
- Register (if the semester has not started yet), or show up to class to get a permission number
- NOTE: You **must** be taking the matching parent course during the same semester. For example, in order to take SCI 115 you must be taking CHEM 115 during the same semester.

Who can I contact for answers to more questions about the SI program?

- Jessica Fielder, Program Director & Physics Liaison (jfielder@sfsu.edu)
- Kristen McGraw, Chemistry Liaison (kristen@sfsu.edu)
- Alexandra Aguilar, Math Liaison (aaguilar21@mail.sfsu.edu)
- David Mendsaikhan, Biology Liaison (tmendsai@mail.sfsu.edu)
- Dr. Duc Ta, Computer Science Liaison (dta@sfsu.edu)
- Dr. Mohammad Haji Aboli, Engineering Liaison (mhaji@sfsu.edu)

Fall 2019 SCI Course Offerings

SCI Course	Parent Course	Room	Meeting Time	Facilitators	
SCI 100.01	ENGR 305	T-P 4	Wednesdays 4-5:40PM	Omar A.	Noah R.
SCI 100.02	ENGR 305	Sci 273	Mondays 6-7:40PM	Omar A.	Noah R.
SCI 111.01	PHYS 111	T-P 4	Mondays 2-3:40PM	Karolina M.	Elissa V.
SCI 111.02	PHYS 111	T-P 3	Mondays 4-5:40PM	Juliana A.	Hollie D.
SCI 115.01	CHEM 115	Sci 273	Tuesdays 6-7:40PM	Nancy D.	Kloe K.
SCI 115.02	CHEM 115	T-P 4	Mondays 6-7:40PM	Aileen H.	Khaleda M.
SCI 115.03	CHEM 115	T-P 4	Mondays 10-11:40AM	Judith L.	Jazmin V.
SCI 121.01	PHYS 121	HSS 248	Tuesdays 12-1:40PM	Karley K.	Daniela A.
SCI 121.02	PHYS 121	T-P 4	Wednesdays 12-1:40PM	Rosa E.	Priscilla P.
SCI 199.01	MATH 199	T-P 4	Wednesdays 10-11:40AM	Mariela P.	Brianna A.
SCI 199.02	MATH 199	T-P 3	Wednesdays 4-5:40PM	Arstan T.	Roque C.
SCI 205.01	ENGR 205	T-P 4	Mondays 12-1:40PM	John H.	Muhib N.
SCI 205.02	ENGR 205	T-P 3	Wednesdays 2-3:40PM	John H.	Muhib N.
SCI 211.01	CSC 210	T-P 3	Tuesdays 10-11:40AM	Raqshan K.	Omar T.
SCI 211.02	CSC 210	Sci 273	Thursdays 12-1:40PM	Orion C.	Jarod C.
SCI 215.01	CHEM 215	Sci 273	Thursdays 4-5:40PM	Hamed S.	Stephanie P.
SCI 215.02	CHEM 215	T-P 3	Fridays 10-11:40AM	Daisy S.	Natalia M.
SCI 220.01	PHYS 220	T-P 4	Mondays 4-5:40PM	Alexandra S.	Hector R.
SCI 221.01	CSC 220	T-P 3	Mondays 2-3:40PM	Michael Z.	Emanuel S.
SCI 221.02	CSC 220	T-P 4	Wednesdays 2-3:40PM	Raqshan K.	Michael Z.
SCI 226.01	MATH 226	T-P 3	Wednesdays 10-11:40AM	Alyssa R.	Kassandra P.
SCI 226.02	MATH 226	T-P 4	Tuesdays 10-11:40AM	Erin B.	Sara D.
SCI 227.01	MATH 227	T-P 3	Wednesdays 12-1:40PM	Sara K.	Nam H.
SCI 227.02	MATH 227	Sci 273	Thursdays 2-3:40PM	Manuel M.	Melvin K.
SCI 230.01	BIOL 230	T-P 3	Mondays 10-11:40AM	Jake B.	Elizabeth R.
SCI 230.02	BIOL 230	T-P 4	Thursdays 10-11:40AM	Cassandra M	Katharine E.
SCI 234.01	PHYS 230	T-P 3	Mondays 6-7:40PM	Imani W.	Ivan M.
SCI 240.01	BIOL 240	T-P 3	Fridays 12-1:40PM	Carleigh W.	Daniella H.
SCI 240.02	BIOL 240	T-P 4	Fridays 10-11:40AM	Chelsea B.	Abdollah H.
SCI 333.01	CHEM 233	T-P 3	Thursdays 10-11:40AM	David O.	Zachary P.
SCI 333.02	CHEM 233	T-P 4	Fridays 12-1:40PM	Brent S.	Cassidy Y.
SCI 335.01	CHEM 335	T-P 3	Mondays 12-1:40PM	Claire M.	Brent S.

What do students think of SCI?

“The worksheets were helpful because they gave me the extra practice that I need. I also liked how [the facilitators] were there to help explain things I did not understand. Without this course I don't think I would have done as well just by studying on my own.” -SCI 215 student, Spring 2019

“SCI gave me confidence in my abilities.” -SCI 220 student, Spring 2018

“My group would be give me different perspectives on a certain problem and would help me learn the concepts of the lessons better overall.” - SCI 226 student, Fall 2018

“Anytime there was a question the facilitators went above and beyond in order to make sure the concept in question was understood.” -SCI 115 student, Fall 2018

“Students who take SCI ask questions fearlessly.” -SCI 111 facilitator, Spring 2018