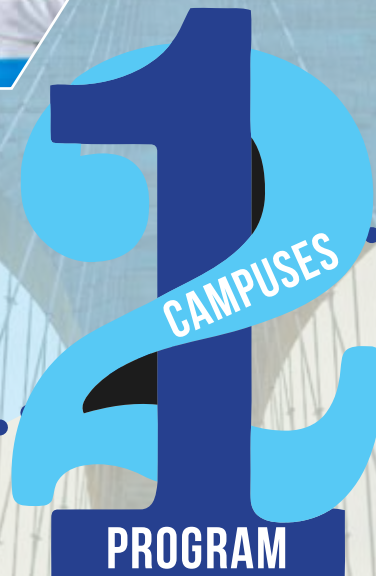


B.S. IN CHEMICAL ENGINEERING



ST FRANCIS
COLLEGE EST. 1859



MANHATTAN
UNIVERSITY



CHEMICAL ENGINEERING INFORMATION

AS OF FALL 2024, ST. FRANCIS COLLEGE (SFC) IS PARTNERING WITH MANHATTAN UNIVERSITY (MU) TO PROVIDE A CONTINUOUS PROGRAM FOR A B.S. IN CHEMICAL ENGINEERING.

HOW IT WORKS:

- Students enrolled in the program at SFC declare an Associates in Liberal Arts as their major and complete all the courses listed on the opposite page.
- SFC students must earn a grade of C (2.0) or better in all chemistry, physics and math courses, and have an overall GPA of 2.5 or better.
- SFC students who successfully complete the requisite courses, and MU application, are assured transfer to MU as a junior to complete their B.S. in Chemical Engineering. MU will accept 65 of the credits taken at SFC. SFC students will matriculate into MU. CHML 209: Intro to Thermo II is required at MU during the summer following Sophomore year at SFC.
- The application process from SFC to MU will be simplified for Chemical Engineering candidates: the application fee, essay, letters of recommendation and enrollment deposit will be waived.
- Students admitted to MU from SFC who have earned a 3.0 cumulative GPA or higher will be automatically considered for merit-based scholarships.

WHO TO CONTACT ABOUT THE PROGRAM AT SFC

DR. FILOMENA CALIFANO
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Chair of Chemistry & Physics

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FRESHMAN FALL

CREDITS EARNED

Gen Chemistry I & Lab (CHE 1201 & 1201L)	5
Calculus I (MAT 2202)	4
Introductory Writing (WRI 1100)	3
General Education Elective*	3
Freshman Seminar (SFC 1001)	1

TOTAL SFC CREDITS 16

FRESHMAN SPRING

CREDITS EARNED

Gen Chemistry II & Lab (CHE 1202 & 1202L)	5
Calculus II (MAT 2203)	4
Any REL 1000 Level Course	3
Computer Concepts (IT 1001)	3
General Education Elective*	3

TOTAL SFC CREDITS 18

SOPHOMORE FALL

CREDITS EARNED

Gen Physics I & Lab (PHY 2001 & 2001L)	4
Calculus III (MAT 3304)	4
Org Chemistry I & Lab (CHE 2101 & 2101L)	5
General Education Elective*	3
General Education Elective*	3

TOTAL SFC CREDITS 19

SOPHOMORE SPRING

CREDITS EARNED

Org Chemistry II (CHE 2102)	4
Inorganic Chemistry (CHE 2301)	3
Physical Chemistry (CHE 4001)	3
Differential Equations I (MAT 3401)	3
Mathematical Statistics (MAT 4416)	3

TOTAL SFC CREDITS 16

*General Education Electives can be chosen from the following disciplines: History, Philosophy, Economics, Psychology, Sociology, Fine Arts, Political Science, English, or Education

DID YOU KNOW...

- Chemical Engineers are the highest paid of all engineering specialties.
- At Manhattan University, students will be able to concentrate in three Chemical Engineering areas: biopharmaceutical engineering, consumer products and cosmetic engineering, and principles and processing of novel materials.
- Students graduating from Manhattan University's Chemical Engineering program have gone on to work at companies such as Unilever, Estée Lauder, Merck, and PepsiCo.
- Manhattan University's Chemical Engineering program is fully accredited by the Engineering Accreditation Commission of ABET.

