

BSc Civil Engineering

ABOUT ST. JOHN'S COLLEGE

St. John's College is a private, Jesuit, Catholic tertiary institution in Belize City, Belize. It is primarily an undergraduate, liberal arts institution that welcomes applications from men and women of character, ability, and motivation without prejudice to race, gender, religion, or socioeconomic status. Candidates must have earned diplomas or equivalent certification from a recognized tertiary institution and give evidence of capacity for continued personal growth and that of their community, sensitivity to the moral and spiritual dimensions of life, and the willingness to undertake rigorous academic work and personal development activities at the baccalaureate level.

PROGRAM REQUIREMENTS

Students will complete a five-year program of study, as follows:

- Two years of coursework at the Associate Level, culminating in a degree in Pre-Engineering
- Three years of coursework at the Bachelor Degree level, culminating in a degree in Civil Engineering

Coursework will employ multiple modalities of instructional delivery. The program will also include general core curriculum that consists of the following:

- Professional core credit hours at the Bachelor Degree level
- 12 credit hours of humanities and liberal arts electives
- 6 credit hours of social science electives
- 3 credit hours of research methods
- 3 credit hours of research capstone, internship, or immersion experience

All students will also be required to complete 40 hours of community service OR participate in a 0-credit 'Living the Mission' course to be eligible for the SJC baccalaureate degree.

COST OF PROGRAM

Estimated cost of program per semester:

- Tuition Cost: \$300 per credit hour
- Administrative Fee: \$250 per semester

Other Special Fees will include:

- Lab fees and online/hybrid course fees
- Personal expenses for mandatory, scheduled Engineering Lab sessions at Rafael Landivar Campus in Guatemala City

HOW TO APPLY

1. Complete and submit the SJC application form at sjconnect.sjc.edu.bz/sjc.
2. Obtain a copy of each of the following:
 - birth certificate
 - social security card
 - certified copy of your Associate Degree (stamped and signed by a Justice of the Peace)
3. Submit TWO letters of recommendation from professional contacts that reference your potential to successfully complete your intended program of study.
4. Submit a word-processed personal statement of your career goal/s and anticipated contribution to your Belizean community.
5. Submit sealed, official transcripts from all post-secondary institutions you have attended.

Place all above in a manila envelope and submit to:

Office of Admissions and Enrollment

St. John's College

Princess Margaret Drive

Belize City



501-223-3731

admissions@sjc.edu.bz

Princess Margaret Drive
Belize City, Belize

www.sjc.edu.bz

Application Portal:
sjconnect.sjc.edu.bz/sjc

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PROGRAM BENEFITS

Build and direct infrastructural projects in general that are more marketable, taking advantage of using available resources in more efficient ways. Prepare for careers in planning, supervision, design, operation, inspection and administration of private and public sector installations and construction of highways, structures, and hydraulic systems.

REQUIRED COURSES*

Professional Core at Associate Degree Level

- Introduction to Civil Engineering
- Precalculus
- Computational Thinking
- Linear Algebra
- Differential Equations
- Inferential Statistics
- Inorganic Chemistry
- Calculus I, II & III
- Engineering Drawing
- Physics I, II & III
- Metrology
- Computer-Aided Drawing
- Probability and Statistics
- Statics
- Topography
- Fundamentals of Economics

Professional Core at Bachelor Degree Level

- Dynamics
- Geology
- Cost Engineering
- Investigation of Operations
- Mechanics of Fluids
- Materials Resistance I
- Materials Resistance II
- Structural Analysis
- Hydraulics
- Construction Materials
- Soil Mechanics
- Reinforced Concrete Structures
- Hydrology
- Transportation Engineering
- Construction Methods
- Cost, Control, and Planning of Works
- Organizational Behavior
- Engineering and Sustainable Development
- Road Design
- Steel Structures
- Economic Engineering
- Sanitary Engineering, I & II
- Surfaces and Pavements
- Foundations
- Engineering Project Management
- Introduction to Earthquake Resistant Design
- Structures of Reinforced Masonry
- Electrical Installations in Buildings
- Civil Engineering Project I & II

*Maximum of 60 credit hours transferable

*Courses subject to Change

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