



Bachelor of Science in Engineering Geodesy and Geomatics Engineering Course Registration Package

CONGRATULATIONS on choosing to pursue the Bachelor of Science in Engineering degree program at the University of New Brunswick Saint John!

In Geodesy and Geomatics, you'll analyze data about the Earth's surface to solve complex problems. This specialized field of study is useful in many circumstances, including: fighting climate change, creating tsunami warning systems, urban planning, constructing pipelines, operating navigation systems, understanding public health, recreating crime scenes, and numerous other examples. Students use a broad range of computerized tools and information to create detailed but understandable views of the physical world and our place in it for a variety of engineering applications.

You can complete the first year of the four-year program on the Saint John campus.

IN THIS PACKAGE:

Registration information for courses specific to your program can be found in the tables on the following pages. Please note that course information in this document was copied from the online UNB Timetable which can be referenced for updated information as courses are subject to change (<http://es.unb.ca/apps/timetable>).

You will find:

1. The list of recommended courses for your program of interest
2. Helpful hints for Frequently Asked Questions
3. Step-by-step instructions to register for courses

To help you understand the terminology from the UNB Timetable that is used for course registration, please refer to the example described below:

325726	MATH*1003	SJ01A	Intro to Calculus I	TBA	MTWF	11:30AM-12:20PM	65 / 12
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- **325726** is the 6 digit ID code/synonym used for "Quick Course Registration"
- **MATH*1003** is the Course Code/Number
- **SJ01A** is the Section # – there can be more than one section for the same course
- **MTWF** are the days on which the course is held (Mon, Tues, Wed, and Fri)
- **11:30AM-12:20PM** is the time the course occurs on those days
- **65/12** is the capacity/enrollment (e.g. 65 total seats/12 seats taken)

Let's begin...!

SECTION 1: RECOMMENDED COURSES

The table to the right identifies the recommended courses for students starting their **Bachelor of Science in Engineering (BSE) degree in Fall 2020** and are interested in pursuing the **Geodesy and Geomatics Engineering discipline**. Some courses have more than one section – you only need to choose and register for one of them.

Term	Course Code	Section	ID/Syn	Associated Tutorial/Lab Time
Fall	APSC*1013	SJ02A	325953	T 02:30PM-05:20PM
		SJ03A	325954	Th 02:30PM-05:20PM
		SJ04A	325955	F 02:30PM-05:20PM
	ECON*1023	SJ01A	321550	N/A
	ENGG*1001	SJ01A	321676	N/A
	ENGG*1003	SJ 01A	321687	W 02:30PM-05:20PM
		SJ02A	321688	Th 02:30PM-05:20PM
		SJ03A	321689	F 02:30PM-05:20PM
	ENGG*1015	SJ01A	321699	Th 10:30AM-12:20PM
		SJ02A	321700	Th 12:30PM-02:20PM
	MATH*1003	SJ 01A	325726	N/A
		SJ02A	325727	N/A
	MATH*1503	SJ 01A	325728	N/A
		SJ02A	325729	N/A
Winter	APSC*1023	SJ02B	326071	W 02:30PM-05:20PM
		SJ03B	326072	Th 02:30PM-05:20PM
	CHEM*1872			T 12:30PM-01:20PM
				T 01:30PM-02:20PM
	CHEM*1877	SJ01B	322997	M 02:30PM-05:20PM
	PHYS*1012	SJ01B	323801	T 10:30AM-11:20AM
		SJ02B	323802	W 12:30PM-01:20PM
	PHYS*1022	SJ01B	323804	T 02:30PM-05:20PM
		SJ02B	323805	W 02:30PM-05:20PM
	MATH*1013	SJ01B	325746	N/A
SJ02B		325747	N/A	
GGE*1001	SJ01B	323429	N/A	

PLEASE NOTE: Registration for some lab sections are reserved for specific disciplines. Please register for the appropriate section for your discipline. If you are unable to register for a section that is waitlisted, please register for the waitlist (see registration instructions below). Please make sure to monitor your UNB email so that you receive any updates regarding your courses. You can also refer to the UNB Timetable for any updates or missing information from the above table.

The schedules on the following page outlines the fall and winter term schedules for students intending to pursue the **Geodesy and Geomatics Engineering** program. These schedules include the lecture times for each course as well as the associated lab and tutorial options available for your program.

BASELINE SCHEDULE FALL 2020

TIME	MON	TUES	WED	THURS	FRI	
8:30am	ENGG 1003		ENGG 1003			
9:00am						
9:30am			APSC 1013			
10:00am			(T)			
10:30am	APSC 1013	APSC 1013	APSC 1013	Labs: ENGG 1015	APSC 1013 (T)	
11:00am						
11:30am	MATH 1003	MATH 1003	MATH 1003			MATH 1003
12:00pm						
12:30pm				Labs: ENGG 1015		
1:00pm						
1:30pm	MATH 1503	ENGG 1015	MATH 1503			MATH 1503
2:00pm						
2:30pm		Labs: APSC 1013	Labs: ENGG 1003	Labs: APSC 1013 ENGG 1003	Labs: APSC 1013 ENGG 1003	
3:00pm						
3:30pm						
4:00pm	ECON 1023					
4:30pm						
5:00pm						
5:30pm						
6:00pm				ENGG 1001		
6:30pm						

BASELINE SCHEDULE WINTER 2021

TIME	MON	TUES	WED	THURS	FRI
8:30am		PHYS 1012		PHYS 1012	
9:00am					
9:30am	CHEM 1872		CHEM 1872		CHEM 1872
10:00am					
10:30am	APSC 1023		APSC 1023	APSC 1023 (T)	APSC 1023
11:00am					
11:30am	MATH 1013	MATH 1013	MATH 1013		MATH 1013
12:00pm					
12:30pm		CHEM 1872 (T)			
1:00pm					
1:30pm		CHEM 1872 (T)	APSC 1023 (T)	GGE 1001	GGE 1001
2:00pm					
2:30pm	Labs: CHEM 1877	Labs: PHYS 1022	Labs: APSC 1023 PHYS 1022	Labs: APSC 1023	Labs: GGE 1001
3:00pm					
3:30pm					
4:00pm					
4:30pm					
5:00pm					
5:30pm					

SECTION 2: HELPFUL HINTS

How many courses do I take per term?

Students generally take 5 courses per term to complete their degree in 4 years. *Five courses* means 5 lectures plus their associated labs/tutorials (e.g. CHEM 1072 + CHEM 1077 = 1 course). Your program may not have 5 *required* courses per term, which means there is space for electives!

What are Electives?

Electives can be chosen from a variety of subjects based on your personal interests and career goals. Each program has an elective component to allow for flexibility of interest. You may be interested in taking Arts or Business or other Sciences courses. It is recommended that you schedule your required courses first and then look through the [UNB Timetable](#) to see what elective options fit your schedule. **When choosing an elective, *it is important to read the course description* to make sure you have the pre-requisites, and that the course will count towards your program!

Where can I find the course description?

The course descriptions can be found in the [Undergraduate Academic Calendar](#). They are also linked to the course code in the [UNB Timetable](#).

What is a pre-requisite and a co-requisite?

A *pre-requisite* is a course you will need to have already completed with a grade of C or better before taking the course. A *co-requisite* is a course that should be taken at the same time (or have already taken).

I don't have pre-requisite for a required course!

You will need to take an alternate course to satisfy the pre-requisite before you take the course. Please consult with your Academic Advisor for options.

What if I have transfer credits?

If you have transfer credits for a course, you can replace those courses with electives or in some cases, the subsequent course (e.g. if you have transfer credit for MATH 1003 Calculus 1 you may take MATH 1013 Calculus 2 since you will have the pre-requisite).

What if a course is full?

If a course section is full or closed, you may choose to register for another available section, register for the waitlist if there is one available, or choose an alternate course.

Where can I find all the requirements for my program?

GREAT QUESTION! You can find all the details in the program descriptions in the [Undergraduate Academic Calendar](#). There are also [Degree Checklists and Course Plans](#) in the [SASE Advising pages](#). Use these tools to keep track of your progress to ensure you aren't missing anything you need for graduation! It is strongly recommended you meet with your Academic Advisor at least once a year to review your checklist.

SECTION 3: HOW TO REGISTER

After reviewing ALL the information in this package. You can then make a list of courses you would like to register for. You can use the tables in the previous sections to identify your required courses, and then look through the various subjects in the [UNB Timetable](#) and note any additional courses you wish to take if you have room.

→ WHEN YOU HAVE YOUR LIST OF COURSES (and their 6-digit ID/SYN code) for BOTH fall and winter terms, you may proceed to register following the steps below.

1. Log into your MyUNB portal. Under the Launch Menu, click the link to “Register for Classes”.
2. Once the window opens, find “Select Courses” in the menu on the left and choose the “Quick Course Selection”
3. Enter the ID CODE for each course into the text boxes in the “Synonym” column. You do not need to add any further information. Once you have entered the ID Code for each course and lab you want to register for in both fall and winter terms, click the “Submit” button at the bottom. Note: if you are missing an ID code, please find the course in the UNB Timetable and copy the updated ID code from there.
4. The courses should be listed in the new window. Please review to make sure you have the correct sections. In the dropdown menu under the “Action” column, select “Register” (or waitlist) for each course and click the “Submit” button at the bottom.
5. Each course should be listed under the “Currently Registered” or “Waitlisted” sections. If there were any unsuccessful registrations, please scroll to the top to find the reason.
6. If all your registrations were successful, they will be listed in your unofficial transcript which you can access in e-Services (this is a good “final check” to make sure you have registered for all the courses). Your waitlisted courses at the bottom of your “class schedule” for each term.

TROUBLESHOOTING:

Unsuccessful Registrations due to:

→ “Schedules Conflict” do your courses overlap? Make sure to check your tutorials as they can be tricky. If they overlap, you must choose a different section or course.

→ “You have not been advised”. Send an email to sjadvising@unb.ca with your name, student number, and this message, and you will be cleared.

→ For additional assistance, please email UNBSJREG@unb.ca.

Help in choosing courses:

→ for electives: look through the [UNB Timetable](#) and come up with a list of possible options that fit your schedule, then connect with your [Academic Advisor](#) to review the options.

→ If you have transfer credits or are unable to take a required course, please connect with your [Academic Advisor](#) for assistance.