



Bachelor of Science Physics Major

Course Registration Package

CONGRATULATIONS on choosing to pursue the first year of your Bachelor of Science degree program with the University of New Brunswick Saint John campus!

In the BSc Physics degree program, students will examine basic concepts such as energy, force, and spacetime, and all that derives from these, such as mass, charge, matter and its motion. More broadly, physics is the general analysis of nature, conducted in order to understand how the world and universe behave.

Physics faculty in Saint John offer the **first year** of the Physics program offered on the Fredericton campus. They also offer courses in astronomy or space studies, where students will learn how the human species explores and exploits the cosmos.

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 below identifies the recommended courses for students starting their **Bachelor of Science (BSc) degree in Fall 2020** and are interested in pursuing the **Physics major**. Some courses have more than one section – please choose *only one* of them.

Term	Course Code	Section	ID/Syn	Associated Tutorial/Lab Time
Fall	BIOL 1105	SJ 01A	321178	N/A
	CHEM 1041	SJ01A	321370	T 10:30AM-11:20AM
		SJ02A	321371	T 11:30AM-12:20PM
		SJ03A	321372	T 12:30PM-01:20PM
	CHEM 1046	SJ01A	321373	M 02:30PM-05:20PM
		SJ02A	321374	T 02:30PM-05:20PM
		SJ03A	321375	W 02:30PM-05:20PM
		SJ04A	321376	Th 10:00AM-01:20PM
		SJ05A	321377	Th 02:30PM-05:20PM
		SJ06A	321378	F 02:30PM-05:20PM
	MATH 1003	SJ 01A	325726	N/A
		SJ02A	325727	N/A
	PHYS 1011	SJ01A	325912	T 10:30AM-11:20AM
		SJ02A	325913	W 12:30PM-01:20PM
		SJ03A	325914	Th 10:30AM-11:20AM
	PHYS 1021	SJ01A	322363	T 02:30PM-05:20PM
SJ02A		322364	W 02:30PM-05:20PM	
SJ03A		322365	Th 02:30PM-05:20PM	
Winter	BIOL 1205	SJ01B	322824	N/A
	BIOL 1017	SJ01B	322820	M 02:30PM-05:20PM
		SJ02B	322821	T 08:30AM-11:20AM
		SJ03B	322822	T 02:30PM-05:20PM
	CHEM 1072	SJ01B	322989	T 10:30AM-11:20AM
		SJ02B	322990	T 11:30AM-12:20PM
		SJ03B	322991	T 11:30AM-12:20PM
		SJ04B	325580	T 12:30PM-01:20PM
	CHEM 1077	SJ01B	322992	M 02:30PM-05:20PM
		SJ02B	322993	T 02:30PM-05:20PM
		SJ03B	322994	W 02:30PM-05:20PM
		SJ04B	322995	Th 02:30PM-05:20PM
	MATH 1013	SJ01B	325746	N/A
		SJ02B	325747	N/A
	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	

PLEASE NOTE: Registration for lab sections such as CHEM 1046, CHEM 1077, PHYS 1021 and PHYS 1022 is currently CLOSED. However, it is recommended that you “waitlist” for your preferred lab section (see registration instructions below), so that you can be notified via your UNB email of any updates. You can also refer to the UNB Timetable for any updates or missing information from the above table.

The following are the schedules for the required introductory courses for the **BSc Physics** program. Please note that tutorials are not included here.

BASELINE SCHEDULE FALL 2020

TIME	MON	TUES	WED	THURS	FRI
8:30am					
9:00am		PHYS 1011		PHYS 1011	
9:30am					
10:00am	CHEM 1041		CHEM 1041		CHEM 1041
10:30am					
11:00am					
11:30am				Labs: CHEM 1044	
12:00pm	MATH 1003	MATH 1003	MATH 1003		MATH 1003
12:30pm					
1:00pm					
1:30pm	BIOL 1105		BIOL 1105		BIOL 1105
2:00pm					
2:30pm					
3:00pm					
3:30pm	Labs: CHEM 1046	Labs: CHEM 1046 PHYS 1021	Labs: CHEM 1046 PHYS 1021	Labs: CHEM 1046 PHYS 1021	Labs: CHEM 1046
4:00pm					
4:30pm					
5:00pm					
5:30pm					

BASELINE SCHEDULE WINTER 2021

TIME	MON	TUES	WED	THURS	FRI
8:30am					
9:00am		PHYS 1012		PHYS 1012	
9:30am					
10:00am	CHEM 1072		CHEM 1072		CHEM 1072
10:30am					
11:00am					
11:30am					
12:00pm	MATH 1013	MATH 1013	MATH 1013		MATH 1013
12:30pm					
1:00pm					
1:30pm	BIOL 1205		BIOL 1205		BIOL 1205
2:00pm					
2:30pm					
3:00pm					
3:30pm	Labs: BIOL 1017 CHEM 1077	Labs: BIOL 1017 CHEM 1077 PHYS 1022	Labs: CHEM 1077 PHYS 1022	Labs: CHEM 1077	
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 1041 + CHEM 1046 = 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 PSYC 1003 Intro Psyc I you may take PSYC 1004 Intro Psyc II 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.

What is the difference between MATH 1001 and MATH 1003?

MATH 1001 is a *single term* introduction to Calculus, whereas MATH 1003 is the first part of the *two-term* introduction to Calculus. MATH 1003 can satisfy the MATH 1001 requirement. It is recommended that students take MATH 1003 if they plan to take more courses in Mathematics.

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” for each lecture and select “Waitlist” for each lab, and click the “Submit” button at the bottom.
5. Each lecture should be listed under the “Currently Registered” section, and labs should be listed under the “Waitlisted Courses”. 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.