

Mathematics

Fall Term

MATH 1003

MATH 1503

STAT 1793

CS 1003 or CS 1073

Science Elective*

Winter Term

MATH 1013

STAT 2793

Elective

Elective

Science Elective*

Statistics/ Mathematics & Statistics

Fall Term

MATH 1003

MATH 1503

STAT 1793

CS 1003 or CS 1073

Science Elective*

Winter Term

MATH 1013

STAT 2793

Elective

Elective

Science Elective*

*Science Electives

Students must complete 3 of the 4 options over the course of their degree.

Choose 1 of the 4 options:

1. BIOL 1105 (fall)
1205 + 1017 (winter)
2. CHEM 1041+1046 (fall) /
1072+1077 (winter)
3. GEOL 1044 (fall)/
1074 (winter)
4. PHYS 1011+1021 (fall) /
1012+1022 (winter)

Computer Science

Fall Term

CS 1073

CS 1303

MATH 1003

MATH 1503

STAT 1793

Winter Term

CS 1083

INFO 1103

MATH 1013

BCE*

STAT 2793

Breadth Core Electives (BCE*)

Students are required to complete courses in the areas of Arts (Humanities and Social Sciences), Business Administration, Engineering, and Science. CS, MATH, STAT and SWE courses are not eligible for this requirement.

Note: Honours students have to include a full year course sequence in Science that includes labs:

- BIOL 1105 (fall) / 1205+1017 (winter)
CHEM 1041+1046 (fall) / 1072+1077 (winter)
GEOL 1044 (fall) / 1074 (winter)
PHYS 1011+1021 (fall) / 1012+1022 (winter)

Registration Instructions

INSTRUCTIONS:

1. See the following tables (pg 3-4) to help you start choosing your required courses for the Fall 2019 Term according to your program.
2. Review the course information on page one for additional information for both Fall and Winter Terms. Note: it is ok if you are uncertain which program you would like to follow. Choose as best you can for now - as you study your courses this Fall, you may get a better idea of your interests and can modify your winter term courses accordingly.
3. If you have room for electives, the course(s) you choose will depend on your career goals, your personal interests - and your schedule!
 - Are you considering a professional program that has specific course requirements?
 - Are you considering a minor (e.g. Business, Chemistry, Computer Science, Economics, Mathematics, etc.) that you can use your electives to help build?
 - Are there winter courses you want that require pre-requisites offered in the fall?
 - Look at your schedule (pg 6) with your required courses filled in - what time slots do you have left available? Scan through the Fall Term course offering and identify the classes that could fit into your schedule (see UNB Timetable <http://es.unb.ca/apps/timetable/>).
4. Use the table on page 6 to keep track of the course number/code, the dates and times, and 6-digit course ID code for the courses you would like to register for.

For example: 294535 BIOL*1202 SJ01B MWF 11:30AM-12:20PM

- **294535** is the ID code
- **BIOL*1202** is the Course Code
- **SJ01B** is the Section
- **MWF** are the days the course is held on (Mondays, Wednesdays and Fridays)
- **11:30AM-12:20PM** is the time the course occurs on those days.

NOTE: if there is more than once section available - you only need to register for one! Plan the rest of your courses and see which option fits. Please use the blank timetables provided to confirm your courses do not overlap.

5. Once you have chosen your FIVE courses (plus labs) for the fall term and have made sure they all fit your schedule, you are ready to do the same for the Winter 2020 term and/or register your courses online! To find the section options for your Winter 2020 term courses, please see the UNB Timetable (<http://es.unb.ca/apps/timetable/>) and review pgs 7-10.

Math & Stats Instructions	FALL 2019 Options
1. You need to register for Intro to Prob & Stats I (STAT 1793). There is only one section for this course. You will have to register and fill it into your schedule (pg 6)	315797 STAT*1793 SJ01A MWF 10:30AM-11:20AM
2. There are two sections for the Calculus I (MATH 1003) course, but they are at the same time. Register for either one.	315329 MATH*1003 SJ01A MTWF 11:30AM-12:20PM 315330 MATH*1003 SJ02A MTWF 11:30AM-12:20PM
3. There are two sections for the Intro to Linear Algebra (MATH 1503) course, but they are at the same time. Register for either one	315339 MATH*1503 SJ01A MWF 01:30PM-02:20PM 315340 MATH*1503 SJ02A MWF 01:30PM-02:20PM
<p>4. You need to register for ONE of the following CS options:</p> <p>Intro Computer Programming – CS 1003 Intended for Science, Applied Science and Engineering students. Introduces the use of digital computers. Includes: problem analysis; algorithm design, and program structure. Use of procedures, loops, and arrays. Debugging and verification of programs.</p> <p>Intro Comp Programming in Java – CS 1073 Covers fundamental concepts such as decisions, loops, arrays, classes, methods, and inheritance; focusing on problem analysis, algorithm design, program structure and readability. Introduction to the Java API libraries.</p> <p>**Note: Students cannot get credit for both CS 1003 and 1073 (unless you are in the BScSwE program).</p>	<p>CS*1003 lecture MTF 12:30PM-01:20PM</p> <p>314623 lab SJ01A T 2:30PM- 5:20PM 319004 lab SJ02A W 2:30PM - 5:20PM</p> <p>Choose only ONE section and fill it in your schedule (pg 6)</p> <p>314629 CS*1073 SJ01A MWF 12:30PM-01:20PM Lab T 08:30AM-09:50AM Tutorial T 12:30PM-01:20PM</p> <p>There is only one section of this course.</p>
<p>5. Your fifth course must be a Science Elective and chosen from one of the following series:</p> <p>CHEM1041+1046 (fall) / 1072+1077 (winter) PHYS 1011+1021 (fall) / 1012+1022 (winter)</p> <p>There are a number of scheduling options for these courses. Please see page 5 for options.</p>	

Computer Science Instructions	FALL 2019 Options
<p>1. You need to register for the Intro Comp Programming in Java (CS 1073) and Discrete Structures (CS 1303) courses. There is only one section for these courses. Register for them and fill in the lecture, lab and tutorial times in your schedule.</p>	<p>314629 CS*1073 SJ01A MWF 12:30PM-01:20PM Lab T 08:30AM-09:50AM Tutorial T 12:30PM-01:20PM</p> <p>314633 CS*1303 SJ01A MWF 08:30AM-09:20AM Tutorial F 09:30AM-10:20AM</p>
<p>2. There are two sections for the Calculus I (MATH 1003) course, but they are at the same time. Register for either one.</p>	<p>315329 MATH*1003 SJ01A MTWF 11:30AM-12:20PM 315330 MATH*1003 SJ02A MTWF 11:30AM-12:20PM</p>
<p>3. There are two sections for the Intro to Linear Algebra (MATH 1503) course, but they are at the same time. Register for either one</p>	<p>315339 MATH*1503 SJ01A MWF 01:30PM-02:20PM 315340 MATH*1503 SJ02A MWF 01:30PM-02:20PM</p>
<p>4. You need to register for Intro to Prob & Stats I (STAT 1793). There is only one section for this course. You will have to register and fill it into your schedule (pg 6)</p>	<p>315797 STAT*1793 SJ01A MWF 10:30AM-11:20AM</p>

Science Electives	FALL 2019 Schedule
<p>General Chemistry I CHEM1041 (Lecture) CHEM 1046 (Lab)</p> <p>There are different sections of the CHEM 1041 to choose from. The lecture portion is offered at the same time regardless of section but there is a list of options for the different tutorial times. Choose one that fits your schedule.</p> <p>There are a number of options to choose for the Intro Chem Lab I (CHEM 1046). Choose one that fits your schedule.</p>	<p>General Chemistry I - LECTURE CHEM*1041 MWF 09:30AM-10:20AM</p> <p>314559 tutorial SJ01A T 10:30AM-11:20AM 318478 tutorial SJ02A T 11:30AM-12:20PM 318479 tutorial SJ03A T 12:30PM-01:20PM</p> <p>General Chemistry I - LAB 314563 CHEM*1046 SJ04A M 02:30PM-05:20PM 314560 CHEM*1046 SJ01A T 02:30PM-05:20PM 314561 CHEM*1046 SJ02A W 02:30PM-05:20PM 314564 CHEM*1046 SJ05A Th 10:00AM-01:20PM 314562 CHEM*1046 SJ03A Th 02:30PM-05:20PM 314565 CHEM*1046 SJ06A F 02:30PM-05:20PM</p>
<p>Introductory Physics I PHYS 1011 (Lecture) and PHYS 1021 (lab)</p> <p>There are three different sections of PHYS 1011 to choose from. The lecture portion of this course is offered at the same time regardless of section but there is a list of options for the different tutorial times.</p> <p>There are three different laboratory sections to choose from.</p>	<p>315542 PHYS*1011 SJ01A TTh 08:30AM-09:50AM Tutorial T 10:30AM-11:20AM</p> <p>315543 PHYS*1011 SJ02A TTh 08:30AM-09:50AM Tutorial W 12:30PM-01:20PM</p> <p>315544 PHYS*1011 SJ03A TTh 08:30AM-09:50AM Tutorial Th 10:30AM-11:20AM</p> <p>315545 PHYS*1021 SJ01A T 02:30PM-05:20PM 315546 PHYS*1021 SJ02A W 02:30PM-05:20PM 315547 PHYS*1021 SJ03A Th 02:30PM-05:20PM</p>

Fall Timetable

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:30					
9:30					
10:30					
11:30					
12:30					
1:30					
2:30					
3:30					
4:30					
5:30					

5 Lectures:

Labs:

Math & Stats Required Courses	WINTER 2020 Options
Intro to Calculus II	316826 MATH*1013 SJ01B MTWF 11:30AM-12:20PM 316827 MATH*1013 SJ02B MTWF 11:30AM-12:20PM
Introduction to Probability and Statistics II	317197 STAT*2793 SJ01B MWF 02:30PM-03:20PM

Science Electives	WINTER 2020 Schedule
General Chemistry II (and tutorial) Choose the section according to the tutorial time.	CHEM*1072 lecture MWF 09:30AM-10:20AM 316180 tutorial SJ01B T 10:30AM - 11:20AM 318760 tutorial SJ02B T 11:30AM - 12:20PM 318761 tutorial SJ03B T 12:30PM - 01:20PM
Introductory Chemistry Lab II	316181 CHEM*1077 SJ01B M 02:30PM-05:20PM 316182 CHEM*1077 SJ02B T 02:30PM-05:20PM 316183 CHEM*1077 SJ03B W 02:30PM-05:20PM 316184 CHEM*1077 SJ04B Th 02:30PM-05:20PM
Introductory Physics II (lecture: 1012) Experiments Intro Physics II (lab: 1022)	316976 PHYS*1012 SJ01B TTh 08:30AM-09:50AM Tutorial T 10:30AM-11:20AM 316977 PHYS*1012 SJ02B TTh 08:30AM-09:50AM Tutorial W 12:30PM-01:20PM 316978 PHYS*1012 SJ03B TTh 08:30AM-09:50AM Tutorial Th 10:30AM-11:20AM 316979 PHYS*1022 SJ01B T 02:30PM-05:20PM 316980 PHYS*1022 SJ02B Th 02:30PM-05:20PM

Computer Science Required Courses	WINTER 2020 Options
Introduction to Computer Programming II (in Java)	316247 CS*1083 SJ01B MWF 10:30AM-11:20AM Lab Th 12:30PM-01:50PM Tutorial Th 10:30AM-11:20AM
Data and Information Management	316682 INFO*1103 SJ01B MWF 01:30PM-02:20PM Lab M 03:30PM-04:20PM
Introduction to Calculus II	316826 MATH*1013 SJ01B MTWF 11:30AM-12:20PM 316827 MATH*1013 SJ02B MTWF 11:30AM-12:20PM
Introduction to Probability & Statistics I	317197 STAT*2793 SJ01B MWF 02:30PM-03:20PM
<p>You will have registered for 4 courses with the previous steps. Your fifth course will count towards your Breadth Core Electives (BCE). You may choose from the areas of Arts (Humanities and Social Sciences), Business Administration, Engineering, and Science.</p> <p>CS, MATH, STAT and SWE courses are not eligible for this requirement. Please see the list of First year courses (or the UNB timetable) for a full list of course options.</p>	

Winter Timetable

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:30					
9:30					
10:30					
11:30					
12:30					
1:30					
2:30					
3:30					
4:30					
5:30					

5 Lectures:

Labs:

Online Course Registration

Step 1: GO TO my.unb.ca

- If you have not yet claimed your account, you will see a link below the Log-In button that says "Activate your UNB IT Services". To claim your account you will need your Student # and your date of birth. Student Numbers can be found on your Acceptance letter or by visiting the Registrar's Office (OH 141- must present valid photo ID)
- If and when you have claimed your account, simply sign in with the log-in information you have created.

Step 2: Log in -

- Log in to My UNB with your log in information. This will bring you to your "Portal" where you can access your UNB email, Desire to Learn (D2L), E-Services, Student news etc. This is also where you Register for Classes:
- Click on the tab that says "register for classes"

Step 3: Choosing Courses

Quick Course Selection

- Click on the "Select Courses" tab and select "Quick Course Selection"
- Locate the synonym of the courses you would like to take (this can be found on the online timetable) and enter the six digit id's into the synonym column. Once you have entered the corresponding synonyms for your courses, click "submit".
- Your chosen courses will now appear in the course registration page where you will have the option to either register, waitlist, or drop them. Click "RG-Register" in the "Action" column beside each course you wish to register for and then click "submit".
- You will now be directed to a page that will confirm your course selections. Review them to ensure they are what you chose and click "ok".
- Repeat until you have selected all of your courses for both Fall and Winter terms.

Alternatively, you can use the Search and Select option, which is what shows up when you click "Register for classes".

- Enter the Term, Location, and Subject and courses will appear in that discipline.
- Click on "submit" and a list of courses that meet your criteria will appear in the selections results page. Check the box of the course you would like to take and then click "submit".
- Your chosen courses will now appear in the course registration page. Use the drop down boxes to register for each course. (Be aware that at the top of the page there is a "Action for ALL Pref. Sections" this is if you want to remove ALL courses or Register for ALL courses at once. (Individual registration eliminates possibility of accidentally removing yourself from all courses). Once you have chosen the "RG- Register" option, click submit.