

ASSOCIATE OF SCIENCE (MATHEMATICS) DEGREE (60 credits)

Program Planning Worksheet (last reviewed November 2025)

BEFORE USING THIS ADVISING TOOL, please ensure that you have read the important disclaimer and policies included on the reverse of this form.

6 credits (2 courses) in First-Year English

Required: ENGL 100 (3)	One of: ENGL 101 (3) ENGL 102 (3)	ENGL 103 (3) ENGL 110 (3)
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6 credits (2 courses) in First-Year Mathematics

Required: MATH 151 (3)	Required: MATH 152 (3)
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36 credits (up to 12 courses) in Science

Computer Programming	First-Year Lab Science	Additional First-Year Science	18 credits in second-year Science taken in 2 or more subject areas
Required: CPSC 111 (4)	One of: BIOL 100 (4) ¹ PHYS 142 (4) BIOL 101 (4) BIOL 102 (4) BIOL 105 (4) BIOL 106 (4) BIOL 110 (4) BIOL 120 (4)	At least two of: BIOL 100 (4) ¹ PHYS 100 (4) ¹ BIOL 101 (4) PHYS 141 (4) BIOL 102 (4) PHYS 142 (4) BIOL 106 (4) PHYS 143 (3) BIOL 110 (4) PHYS 191 (3) ¹ BIOL 120 (4) CHEM 100 (4) ¹ CHEM 101 (4) CHEM 102 (4) CPSC 100 (4) ¹ CPSC 112 (4) CPSC 150 (3)	At least six of: <i>Three of:</i> MATH 232 (3) MATH 251 (3) MATH 255 (3) <i>Three of:</i> BIOL 201 (4) CPSC 225 (4) BIOL 203 (3) CPSC 250 (3) BIOL 204 (4) CPSC 276 (3) CHEM 201 (4) STAT 200 (3) CHEM 202 (4) STAT 270 (3) CPSC 215 (3)
One of: CPSC 115 (3) MATH 115 (3)	CHEM 100 (4) ¹ CHEM 101 (4) CHEM 102 (4) PHYS 100 (4) ¹ PHYS 141 (4)		

6 credits (2 courses) in Arts (other than English)

Two of:							
ANTH 101 (3)	ECON 105 (3)	FILM 102 (3)	HIST 107 (3)	INST 120 (3)	POLI 100 (3)	PSYC 260 (3)	SOCI 240 (3)
ANTH 160 (3)	ECON 210 (3)	FILM 200 (3)	HIST 110 (3)	INST 210 (3)	POLI 200 (3)	PSYC 280 (3)	SOCI 250 (3)
CMNS 110 (3)	ECON 255 (3)	FREN 100 (3)	HIST 200 (3)	INST 220 (3)	PSYC 101 (3)	SOCI 100 (3)	SOSC 100 (3)
CMNS 130 (3)	ECON 260 (3)	FREN 101 (3)	HIST 201 (3)	INST 221 (3)	PSYC 102 (3)	SOCI 103 (3)	SPAN 100 (3)
CMNS 226 (3)	ECON 280 (3)	GEOG 101 (3)	HIST 223 (3)	PHIL 100 (3)	PSYC 217 (3)	SOCI 200 (3)	
CMNS 230 (3)	ECON 290 (3)	GSWS 100 (3)	HIST 224 (3)	PHIL 110 (3)	PSYC 218 (3)	SOCI 210 (3)	
CMNS 253 (3)	ECON 291 (3)	HIST 101 (3)	HIST 225 (3)	PHIL 120 (3)	PSYC 221 (3)	SOCI 220 (3)	
ECON 100 (3)	ECON 295 (3)	HIST 102 (3)	INST 101 (3)	PHIL 203 (3)	PSYC 241 (3)	SOCI 228 (3)	
ECON 103 (3)	FILM 101 (3)	HIST 106 (3)	INST 110 (3)	PHIL 215 (3)	PSYC 250 (3)	SOCI 230 (3)	

6 credits (2 courses) of Electives

Two of:							
ANTH 101 (3)	CHEM 202 (4)	COMM 298 (3)	ECON 280 (3)	FREN 100 (3)	INST 110 (3)	PHYS 191 (3) ¹	SOCI 220 (3)
ANTH 160 (3)	CMNS 110 (3)	CPSC 100 (4) ¹	ECON 290 (3)	FREN 101 (3)	INST 120 (3)	POLI 100 (3)	SOCI 228 (3)
BIOL 100 (4) ¹	CMNS 130 (3)	CPSC 112 (4)	ECON 291 (3)	GEOG 101 (3)	INST 210 (3)	POLI 200 (3)	SOCI 230 (3)
BIOL 101 (4)	CMNS 226 (3)	CPSC 120 (3)	ECON 295 (3)	GSWS 100 (3)	INST 220 (3)	PSYC 101 (3)	SOCI 240 (3)
BIOL 102 (4)	CMNS 230 (3)	CPSC 130 (3)	EDUC 101 (3)	HIST 101 (3)	INST 221 (3)	PSYC 102 (3)	SOCI 250 (3)
BIOL 105 (4)	CMNS 253 (3)	CPSC 150 (3)	ENGL 101 (3)	HIST 102 (3)	MATH 100 (3) ¹	PSYC 217 (3)	SOSC 100 (3)
BIOL 106 (4)	COMM 100 (3)	CPSC 215 (3)	ENGL 102 (3)	HIST 106 (3)	MATH 123 (3) ¹	PSYC 218 (3)	SOWK 201 (3)
BIOL 110 (4)	COMM 237 (4)	CPSC 225 (4)	ENGL 103 (3)	HIST 107 (3)	PHIL 100 (3)	PSYC 221 (3)	SOWK 202 (3)
BIOL 120 (4)	COMM 280 (3)	CPSC 250 (3)	ENGL 110 (3)	HIST 110 (3)	PHIL 110 (3)	PSYC 241 (3)	SPAN 100 (3)
BIOL 201 (4)	COMM 281 (3)	CPSC 276 (3)	ENGL 200 (3)	HIST 200 (3)	PHIL 120 (3)	PSYC 250 (3)	STAT 200 (3)
BIOL 203 (3)	COMM 290 (3)	ECON 100 (3)	ENGL 222 (3)	HIST 201 (3)	PHIL 203 (3)	PSYC 260 (3)	STAT 270 (3)
BIOL 204 (4)	COMM 291 (3)	ECON 103 (3)	ENGL 223 (3)	HIST 223 (3)	PHIL 215 (3)	PSYC 280 (3)	
CHEM 100 (4) ¹	COMM 292 (3)	ECON 105 (3)	ENGL 224 (3)	HIST 224 (3)	PHYS 100 (4) ¹	SOCI 100 (3)	
CHEM 101 (4)	COMM 293 (3)	ECON 210 (3)	FILM 101 (3)	HIST 225 (3)	PHYS 141 (4)	SOCI 103 (3)	
CHEM 102 (4)	COMM 294 (3)	ECON 255 (3)	FILM 102 (3)	HSCI 130 (3)	PHYS 142 (4)	SOCI 200 (3)	
CHEM 201 (4)	COMM 296 (3)	ECON 260 (3)	FILM 200 (3)	INST 101 (3)	PHYS 143 (3)	SOCI 210 (3)	

Courses/credits cannot be used to satisfy more than one requirement

¹ Some institutions may not accept this course for credit toward a science degree. Check BC Transfer Guide.

IMPORTANT INFORMATION FOR STUDENTS IN THE ASSOCIATE DEGREE PROGRAM

General Disclaimer

Please check the semester schedule for course availability and inquire with an Academic Advisor regarding annual course offerings. It is the student's responsibility to fulfill the degree requirements, and to adhere to Alexander College policies and procedures on degree completion and graduation. Academic Advising is not responsible for any circumstances that may prevent the student from graduating, such as failed courses, misunderstanding of degree requirements, or other factors. Academic advice provided to a student is valid at the time of advising. In the event of a discrepancy between this document and the Academic Calendar, the Academic Calendar takes precedence.

Students are encouraged to update their study plan with an Academic Advisor on a regular basis. Program requirements and applicability of courses on the degree planning worksheet are subject to change.

English and Academic Prerequisites

All courses at Alexander College have English level requirements/prerequisites. EAP English levels 098, and 099 (or higher) have been applied as prerequisites for all academic courses. Other prerequisites may be met by either completing transferable courses at other BCCAT member institutions, which are entered into the student database at the time of admission, or by successfully completing a prerequisite course at the College.

English Course Requirements During First Two Terms

Students who are eligible for ENGL 099 or ENGL 100 must attempt the English course within the first two terms of study. Effective Winter 2025.

Repeated Courses

Students may attempt courses in any order provided they meet course requirements.

Unless otherwise noted in a course listing, students may attempt any single course a maximum of two times. In exceptional circumstances, permission to attempt a course for a third or subsequent time may be requested through the process of appeal to the Registrar. An attempt is considered any undertaking of a course for which a final letter grade has been assigned, including a 'W' for course withdrawal.

When a course has been successfully repeated, only the higher grade is used in the calculation of grade point average.

Precluded Courses

Some course with substantially similar content preclude credit for one another (i.e., credit is granted for only one of these courses).

Grade Point Average (GPA)

For each course included in the calculation of GPA, the course Grade Point value is multiplied by the number of course credits. The resulting values are summed over all courses, and the total is divided by the total number of credits. The result is the Grade Point average, or GPA. To determine term GPA, add the point value for all courses in a given term and divide by the total number of attempted credits in the term. To determine the cumulative GPA, add the point value for all courses and divide by the total number of attempted credits. Please note:

- GPA values are rounded up or down to the nearest hundredth of a percentage.
- Where a course has been successfully repeated, only the higher grade is used in the calculation of the GPA.
- Courses numbered 099 and lower are not used in the calculation of GPA.
- Both semester and cumulative GPA values are listed on the student's permanent record.

Minimum CGPA Requirement for Graduation

To be eligible for graduation in an Associate Degree program, students must complete all program requirements with a minimum cumulative grade point average of 2.0 (equivalent to a 'C' average). If the student's GPA is lower than 2.0, they may need to repeat some courses to meet this requirement. Please consult an Academic Advisor for help selecting courses to repeat.

Transferring Credit toward an Associate Degree

Transferability of courses is determined by the receiving institution.

Credit for courses taken outside of Alexander College may not exceed one half of the total credit required for an Associate degree (i.e., not more than 30 credits), and unassigned credit (e.g., 1XX or 2XX) may not exceed 25% of the total credit required for an Associate degree (i.e., not more than 15 credits). Credit transfer cannot be used as a substitute for meeting all of the credential requirements. *For the full policy on Transfer Credit, please view the Academic Calendar online: <http://alexandercollege.ca/admissions-and-registration/academic-calendar/>*

For courses completed in Canada, students may apply to transfer a maximum of ten subjects (to a maximum of 30 credits) per request. For courses completed outside of Canada, students may apply to transfer a maximum of five subjects (to a maximum of 15 credits) per request. Additional requests may be considered after the previous request has been completed. To ensure that the program learning outcomes are met, a maximum of 25% international transfer credit may be applied to an Associate degree.

Courses accepted for credit or prerequisite must have been completed with a grade of at least C- (1.67) effective September 9, 2024.

Canadian Job Readiness:

Effective Fall 2023 onward --All graduates must complete the mandatory Canadian Job Readiness program: (CJR)

<https://canvas.alexandercollege.ca/courses/648>

Application for Graduation

Students may apply for graduation after the first day of class in their final (expected) term. Early applications for graduation will be held pending release of final grades at the end of term. To submit an application for graduation, students are required to meet with the Officer, Transfer Credit and Graduation to review program requirements, calculate GPA, and complete an official Application for Graduation form. An Application for Graduation fee applies. To learn more about the graduation process, visit: <https://alexandercollege.ca/admissions-and-registration/graduation/>

Contact Information

Academic Advising (help choosing courses): academicadvising@alexandercollege.ca

Application for Graduation/Graduation Advising Appointment: graduation@alexandercollege.ca