DOUGLAS COLLEGE

Biochemistry Major
(*Faculty of Science*)
University of British Columbia

2-Step Application process for UBC Science:

1) Meet the admission requirements and apply for UBC and the Faculty of Science
2) **Apply to 2nd or 3rd year** entry for specialization (program/major)

1. UBC's Admission Requirements:

- ☐ Minimum of 24 transferrable credits and up to 60 credits. If 48+ credits competed, must be eligible for year 2 standing (see promotion requirements)
- ☐ **English Language competency requirement**

Faculty of Science Admission Requirements:

- ☐ GPA (calculated on most recent 30 credits)
- ☐ Chemistry and Physics at Gr. 11 level or higher
- ☐ Equivalent of UBC MATH 100 (DOUG MATH 1120)
- ☐ Promotion requirements (see below)
- ☐ Application deadline date: **Deadlines**

Application for specialization in Year 2:

- ☐ 1st year **specialization** (major) courses required for admission to area
  **** indicates admission required courses for specialization below**

Third year eligibility:

- ☐ 48 or more credits;
- ☐ complete and submit the **Admission to Year 3 – Supplementary Information form** to UBC Science

*Consult the **program page** and **academic calendar** for specific information.

Recommended before transfer:

- ☐ **Communication requirement** (DOUG ENGL 1130 + ENGL 1109/UT ENGL)
- ☐ Physics 12 or UBC PHYS 100 (DOUG PHYS 1107)

Promotion requirements:

Promotion to 2nd year must occur within a maximum of 48 credits and promotion to 3rd year must occur within a maximum of 78 credits **attempted** (i.e. passed and failed). Failure to meet these requirements results in withdrawal from UBC Science. Contact a **UBC Science Advisor** for questions.

*Students are advised to consult both the **calendar** and **program page** for more information on their potential major.*

Biochemistry lower level requirements:

UBC Required Courses	Douglas College Equivalent**	Refer to Douglas College Program and Course Catalogue for course prerequisite information and /or Assessment Services
Communication Requirement[1] **Any two of:** **ENGL 110 (3)**	**Any two of***	

NOTE: This worksheet is not an official transfer table, but rather is a guide to assist students. All effort has been made to ensure accuracy of the information, HOWEVER, it is student's responsibility to consult the BC Transfer Guide **www.bctransferguide.ca and **University Calendar** prior to registering for courses at Douglas College to ensure above information is current and accurate. *Updated: Apr 2019 ar*

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ENGL 111 (3) **ENGL 112 (3) *recommended*** **ENGL 120, 121, SCIE 113, 300, or ASTU 150 or WRDS 150**	**ENGL 1109** (3) N/A N/A N/A **ENGL 1130** (3)	
BIOL 121 (3)** **and** **BIOL 140 (2)**	**BIOL 1110** (5) and **BIOL 1210** (5) *Exempt UBC BIOL 111, UBC BIOL 121, UBC BIOL 140*	
CHEM 121 (4)** **and** **CHEM 123** (4)**	**CHEM 1110** (4) and **CHEM 1210** (5)	
MATH 100 (3) **or MATH 102 (3)** **or MATH 104 (3)**	**MATH 1120** (3) or **MATH 1123** (3) or **MATH 1125** (3)	
MATH 101 (3)** **or** **MATH 105** (3)**	**MATH 1220** (3) or **MATH 1225** (3)	
PHYS 100-level[5] (3) **PHYS 100 (3)** ***(PHYS 100 required first, if Phys. 12 not done, plus 100-level Physics)***	 **PHYS 1107** (5) PHYS 1107 & PHYS 1207 = UBC PHYS 100 (3) & UBC PHYS 1st (3) Exempt UBC PHYS 101	
AND: **PHYS 101 (3)** **or** **UBC PHYS 170 (3)**	 **PHYS 1207** (5) **OR** **PHYS 1110** (5) PHYS 1110 and 1210 = UBC PHYS 157 (3) and UBC PHYS 158 (3) and UBC PHYS 159 (1) PHYS 1170 (3)	
Electives[6] (3)	Choose from courses that transfer to UBC - refer to **BC Transfer Guide**	

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BIOC 203[7] **BIOL 201[7] (3) with 76% or higher**	N/A **BIOL 2421** (3)	
BIOL 200 (3)	**BIOL 2321** (5)	
BIOL 234 (3)	**BIOL 3205** (5)	
CHEM 211 (3)	**CHEM 2315** (5)	
CHEM 203[9] (4) **CHEM 213 (3)** **CHEM 245 (1)**	**CHEM 2321** (5) **and** **CHEM 2421** (5) Note: must take both DC CHEM courses to receive all of UBC Chemistry 203, 213 & 145	
MATH 200 (3)	**MATH 2321** (3)	
Electives [5,6] **(6 credits)**	Choose from courses that transfer to UBC - refer to **BC Transfer Guide** **The extra BIOL/ CHEM credits from above can be used towards your elective required credits.*	

[1-10] – for notes please see link: **UBC - Biochemistry notes**

[*] Students can be admitted to 2nd year Science with any 6 credits of first-year ENGL or be eligible to enroll in **first-year ENGL courses**. The Communication requirement must be met within **promotion to 3rd year** requirements. As per #6 of **Communication Requirement**.

Important Links:

To contact a UBC Science Advisor: **https://science.ubc.ca/students/advising**
For more information about choosing a major: **https://science.ubc.ca/students/degree/secondyear**
For information about transfer: **https://science.ubc.ca/students/degree/transferapplicants**
To view lower level requirements for the Faculty of Science: **https://science.ubc.ca/students/requirements/faculty**
Faculty of Science Degree Requirements: **http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,215,410,408**

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