

**\*\*Western University Unofficial Transcript\*\*****Student Name: Jacob Clarence Haagsma**

Print Date: 2024/02/22

**Degree Awarded**

Degree: Bachelor of Medical Sciences (4 Year)  
 Honors Specialization in Biochemistry & Cell Biology  
 Awarded: 2019-Jun

Basis of Admission  
 (SSC) Ontario Secondary School Diploma 2015

**Beginning of Undergraduate Record****2015 Fall/Winter**

Program: Faculty of Science  
 Plan: Medical Sciences First Entry Program

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
BIOLOGY 1001A	BIOLOGY FOR SCIENCE I	0.50	0.50	077
BIOLOGY 1002B	BIOLOGY FOR SCIENCE II	0.50	0.50	075
CALCULUS 1000A	CALCULUS I	0.50	0.50	080
CALCULUS 1301B	CALCULUS II	0.50	0.50	067
CHEM 1301A	DISCOVERING CHEMICAL STRUCTURE	0.50	0.50	078
CHEM 1302B	DISCOVERING CHEMICAL ENERGETIC	0.50	0.50	077
PHILOSOP 1200	CRITICAL THINKING	1.00	1.00	090
PHYSICS 1301A	INTRODUCTORY PHYSICS I	0.50	0.50	085
PHYSICS 1302B	INTRODUCTORY PHYSICS II	0.50	0.50	080

Term Honor: Dean's Honor List

**2016 Fall/Winter**

Program: Faculty of Science  
 Plan: Medical Sciences First Entry Program

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
ASTRONOM 2232G	SUN, EARTH AND PLANETS	0.50	0.50	082
BIOCHEM 2280A	BIOCHEM & MOLEC BIOL	0.50	0.50	079
BIOLOGY 2244A	ANALYSIS & INTERPRETATION	0.50	0.50	077
BIOLOGY 2290F	SCIENTIFIC METHOD BIOLOGY	0.50	0.50	083
BIOLOGY 2382B	CELL BIOLOGY	0.50	0.50	091
BIOLOGY 2581B	GENETICS	0.50	0.50	072
CHEM 2213A	ORGANIC CHEMISTRY	0.50	0.50	080
CHEM 2223B	ORGANIC CHEM BIOLGCL MOLECULES	0.50	0.50	075
EARTHSCI 1022A	EARTH ROCKS!	0.50	0.50	083
GEOGRAPH 2152G	GEOGRAPHY OF HAZARDS	0.50	0.50	080

Term Honor: Dean's Honor List

**2017 Fall/Winter**

Program: Schulich Sch of Med and Dent  
 Plan: Bachelor of Medical Sciences (4 Year)  
 Honors Specialization in Biochemistry & Cell Biology

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
ANATCELL 3309	MAMMALIAN HISTOLOGY	1.00	1.00	072
BIOCHEM 3380G	BIOCHEMISTRY LABORATORY	0.50	0.50	079
BIOCHEM 3381A	BIOLOGICAL MACROMOLECULES	0.50	0.50	080
BIOCHEM 3382A	BIOCHEMICAL REGULATION	0.50	0.50	078
BIOLOGY 3326F	CELL BIOLOGY LABORATORY	0.50	0.50	082
GEOGRAPH 2060B	WORLD CITIES	0.50	0.50	084
KINESIOL 2000B	PHYSICAL ACTIVITY & HEALTH	0.50	0.50	084
PHYSIOL 3140A	CELLULAR PHYSIOLOGY	0.50	0.50	075
PSYCHOL 2035B	UNDRSTNDING YOURSELF & OTHERS	0.50	0.50	070

**\*\*Western University Unofficial Transcript\*\*****Student Name: Jacob Clarence Haagsma****2018 Fall/Winter**

Program: Schulich Sch of Med and Dent  
 Plan: Bachelor of Medical Sciences (4 Year)  
 Plan: Honors Specialization in Biochemistry & Cell Biology

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
ANATCELL 4429A	ADVANCED MEDICAL CELL BIOLOGY	0.50	0.50	077
ANATCELL 4480E	RESEARCH PROJECT & SEMINAR	1.50	1.50	089
BIOCHEM 4410A	MOLECULAR BIO DNA & RNA	0.50	0.50	085
BIOCHEM 4415B	APPL SYNTHETIC BIO & CHEM GEN	0.50	0.50	092
BIOCHEM 4420A	MOLECULAR BIO OF PROTEINS	0.50	0.50	087
GEOGRAPH 2010B	GEOGRAPHY OF CANADA	0.50	0.50	093
PSYCHOL 2030A	THE MALADJUSTED MIND	0.50	0.50	084
PSYCHOL 2036B	PSYCH OF PHYS HEALTH	0.50	0.50	081
Term Honor:	Dean's Honor List			

End of **\*\*Western University Unofficial Transcript\*\***

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Print Date: 2024/02/22

**Degree Awarded**

Degree: Bachelor of Medical Sciences (4 Year)  
 Honors Specialization in Biochemistry & Cell Biology  
 Awarded: 2019-Jun

Basis of Admission  
 (GMAN) BMSc Western University 2019

**Beginning of Graduate Record****2019 Fall Graduate**

Program: Anatomy and Cell Biology  
 Plan: Master of Science  
 Anatomy and Cell Biology

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
ANATCELL	9520	CELL & NEUROBIOLOGY SEMINAR .	1.00	0.00	IPR
ANATCELL	9555	ADVANCED TOPICS - CELL BIOLOGY	1.00	0.00	IPR

**2020 Winter Graduate**

Program: Anatomy and Cell Biology  
 Plan: Master of Science  
 Anatomy and Cell Biology

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
ANATCELL	9520	CELL & NEUROBIOLOGY SEMINAR .	1.00	1.00	091
ANATCELL	9555	ADVANCED TOPICS - CELL BIOLOGY	1.00	1.00	096

**2020 Summer Graduate**

Program: Anatomy and Cell Biology  
 Plan: Master of Science  
 Anatomy and Cell Biology

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
GRDSTUDY	9999	CONTINUOUS GRADUATE ENROLLMENT	0.00	0.00	

**2020 Fall Graduate**

Program: Anatomy and Cell Biology  
 Plan: Master of Science  
 Anatomy and Cell Biology

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
GRDSTUDY	9999	CONTINUOUS GRADUATE ENROLLMENT	0.00	0.00	

**2021 Winter Graduate**

Program: Anatomy and Cell Biology  
 Plan: Master of Science  
 Anatomy and Cell Biology

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
GRDSTUDY	9999	CONTINUOUS GRADUATE ENROLLMENT	0.00	0.00	

**2021 Summer Graduate**

Program: Anatomy and Cell Biology  
 Plan: Doctor of Philosophy  
 Anatomy and Cell Biology

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<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
GRDSTUDY	9999	CONTINUOUS GRADUATE ENROLLMENT	0.00	0.00	

**2021 Fall Graduate**

Program: Anatomy and Cell Biology  
 Plan: Doctor of Philosophy  
 Anatomy and Cell Biology

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
GRDSTUDY	9999	CONTINUOUS GRADUATE ENROLLMENT	0.00	0.00	

**2022 Winter Graduate**

Program: Anatomy and Cell Biology  
 Plan: Doctor of Philosophy  
 Anatomy and Cell Biology

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
GRDSTUDY	9999	CONTINUOUS GRADUATE ENROLLMENT	0.00	0.00	

**2022 Summer Graduate**

Program: Anatomy and Cell Biology  
 Plan: Doctor of Philosophy  
 Anatomy and Cell Biology

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
GRDSTUDY	9999	CONTINUOUS GRADUATE ENROLLMENT	0.00	0.00	

**2022 Fall Graduate**

Program: Anatomy and Cell Biology  
 Plan: Doctor of Philosophy  
 Anatomy and Cell Biology

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
GRDSTUDY	9999	CONTINUOUS GRADUATE ENROLLMENT	0.00	0.00	

**2023 Winter Graduate**

Program: Anatomy and Cell Biology  
 Plan: Doctor of Philosophy  
 Anatomy and Cell Biology

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
GRDSTUDY	9999	CONTINUOUS GRADUATE ENROLLMENT	0.00	0.00	

**2023 Summer Graduate**

Program: Anatomy and Cell Biology  
 Plan: Doctor of Philosophy  
 Anatomy and Cell Biology

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
GRDSTUDY	9999	CONTINUOUS GRADUATE ENROLLMENT	0.00	0.00	

**2023 Fall Graduate**

Program: Anatomy and Cell Biology  
 Plan: Doctor of Philosophy  
 Anatomy and Cell Biology

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
GRDSTUDY	9999	CONTINUOUS GRADUATE ENROLLMENT	0.00	0.00	

**2024 Winter Graduate**

Program: Anatomy and Cell Biology  
 Plan: Doctor of Philosophy  
 Anatomy and Cell Biology

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<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
GRDSTUDY 9999	CONTINUOUS GRADUATE ENROLLMENT	0.00	0.00	

**Non-Course Milestones**

PhD Departmental Presentation

Status: Completed  
 Program: Anatomy and Cell Biology  
 Date Completed: 2023/03/23  
 Milestone Title: Interrogating p53 mutations in a precursor model of ovarian high-grade serous cancer  
 Date Attempted: 2023/03/23 Completed

Introduction to Biomedical Research

Status: Completed  
 Program: Anatomy and Cell Biology

SGPS Academic Integrity Module

Status: Completed  
 Program: Anatomy and Cell Biology

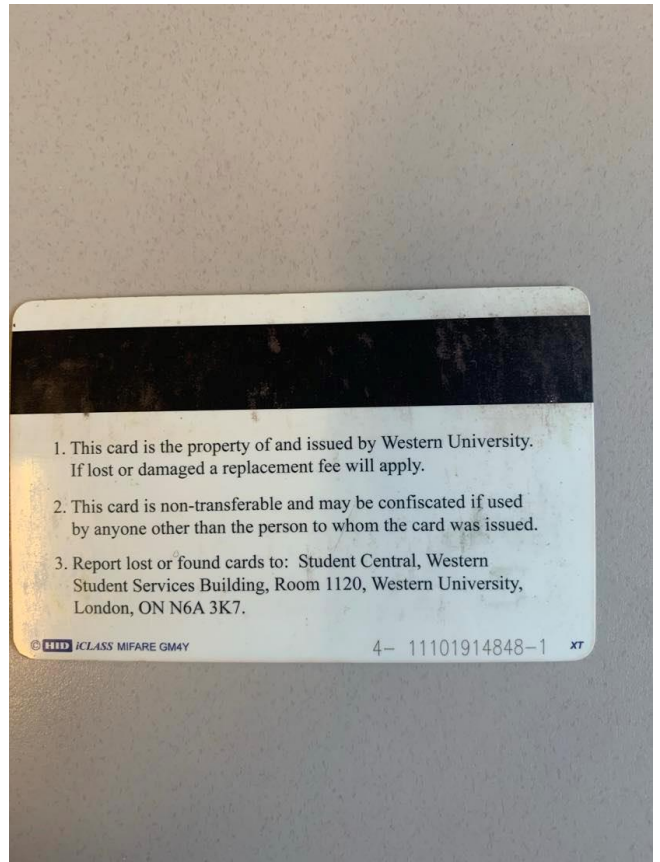
PhD Comprehensive Examination

Status: Completed  
 Program: Anatomy and Cell Biology  
 Date Completed: 2022/08/24  
 Milestone Title: The role of p53 in pancreatic ductal adenocarcinoma iCAF activation  
 Date Attempted: 2022/08/24 Completed

PhD Seminar

Status: Not Completed  
 Program: Anatomy and Cell Biology

End of \*\*Western University Unofficial Transcript\*\*



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