



# THE UNIVERSITY OF WINNIPEG

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THE UNIVERSITY OF  
**WINNIPEG**

515 PORTAGE AVENUE, WINNIPEG, MANITOBA, CANADA R3B 2E9

Date Issued: December 16, 2024

Issued to: Simon Andrew Pankratz  
1 -226 Grassie Blvd  
Winnipeg MB R2G 2L6  
Canada

Simon Andrew Pankratz  
Birth Date: August 23

Student Number: 3076135

### Undergraduate Studies

Admission Date: June 1, 2015

Term	Course Number	Credit Hours	Course Title	Credit Type	Course Type	Grade	WGP
<b>Academic Year: 2015 (September 2015 - August 2016)</b>							
F	BIOL 1115	3.0	Cells & Cell Process	FC		B+	0.00
F	CHEM 1111	3.0	Intro Chemical Prop	FC		B+	0.00
F	STAT 1501	3.0	Elem Biostats I	FC		B+	0.00
FW	EALC 1300	6.0	Intro to Korean Language	FC		B	0.00
W	BIOL 1116	3.0	Evol, Ecol & Biodiv	FC		B	0.00
W	CHEM 1112	3.0	Basic Chem Reactivit	FC		A-	0.00

### Academic Year: 2016 (September 2016 - August 2017)

F	CHEM 2202	3.0	Organic Chemistry I	FC		C	0.00
F	CHEM 2401	3.0	Inorg Chem I	FC		F	0.00
F	MATH 1103	3.0	Introduction to Calculus I	FC	R	C	0.00
FW	PHIL 2200	6.0	Social & Political Philosophy	FC		F	0.00
W	BIOL 2115	3.0	Bio of Invertebrates	FC		F	0.00
W	BIOL 2301	3.0	Genetics	FC		F	0.00

Granted Forfeit of Credit for all course work completed at the University of Winnipeg from Sept 2015 to Apr 2017. Readmission status: Regular

### Academic Year: 2021 (September 2021 - August 2022)

S	HIST 1015	3.0	Atlantic World 1700-1989			A+	13.50
S	MATH 1103	3.0	Introduction to Calculus I			B	9.00
Sessional:		Cr. Hrs. Passed = 6.00	Cr. Hrs. Failed = 0.00	WGP = 22.500		GPA = 3.750	
Cumulative:		Cr. Hrs. Passed = 6.00	Cr. Hrs. Failed = 0.00	WGP = 22.500		GPA = 3.750	



Term	Course Number	Credit Hours	Course Title	Credit Type	Course Type	Grade	WGP
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**Academic Year: 2022 (September 2022 - August 2023)**

F	ACS 1903	3.0	Programming I			A-	12.00
F	CHEM 1111	3.0	Intro Chemical Prop			B+	10.50
Sessional:		Cr. Hrs. Passed = 6.00	Cr. Hrs. Failed = 0.00	WGP = 22.500		GPA = 3.750	
Cumulative:		Cr. Hrs. Passed = 12.00	Cr. Hrs. Failed = 0.00	WGP = 45.000		GPA = 3.750	
FW	PHYS 1101	6.0	Foundations of Physics			A+	27.00
Sessional:		Cr. Hrs. Passed = 6.00	Cr. Hrs. Failed = 0.00	WGP = 27.000		GPA = 4.500	
Cumulative:		Cr. Hrs. Passed = 18.00	Cr. Hrs. Failed = 0.00	WGP = 72.000		GPA = 4.000	
W	CHEM 1112	3.0	Basic Chem Reactivit			B	9.00
W	MATH 1104	3.0	Introduction to Calculus II			A-	12.00
Sessional:		Cr. Hrs. Passed = 6.00	Cr. Hrs. Failed = 0.00	WGP = 21.000		GPA = 3.500	
Cumulative:		Cr. Hrs. Passed = 24.00	Cr. Hrs. Failed = 0.00	WGP = 93.000		GPA = 3.875	
S	IS 1016	3.0	Intro IS: Art Cult Hist			A+	13.50
S	MATH 1201	3.0	Linear Algebra I			A	12.75
S	MATH 2203	3.0	Linear Algebra II			B+	10.50
Sessional:		Cr. Hrs. Passed = 9.00	Cr. Hrs. Failed = 0.00	WGP = 36.750		GPA = 4.083	
Cumulative:		Cr. Hrs. Passed = 33.00	Cr. Hrs. Failed = 0.00	WGP = 129.750		GPA = 3.932	

**Academic Year: 2023 (September 2023 - August 2024)**

F	MATH 2102	3.0	Diff Equations I			F	0.00
F	PHYS 2105	3.0	Math Physics I			A	12.75
F	PHYS 2200	3.0	Elect & Magnetism			A	12.75
Sessional:		Cr. Hrs. Passed = 6.00	Cr. Hrs. Failed = 3.00	WGP = 25.500		GPA = 2.833	
Cumulative:		Cr. Hrs. Passed = 39.00	Cr. Hrs. Failed = 3.00	WGP = 155.250		GPA = 3.696	
FW	PHYS 2302	6.0	Mod & Thermal Physics			A	25.50
Sessional:		Cr. Hrs. Passed = 6.00	Cr. Hrs. Failed = 0.00	WGP = 25.500		GPA = 4.250	
Cumulative:		Cr. Hrs. Passed = 45.00	Cr. Hrs. Failed = 3.00	WGP = 180.750		GPA = 3.766	
W	ACS 2102	3.0	Scientific Computing			A+	13.50
W	PHYS 2106	3.0	Math Physics II			A+	13.50
W	PHYS 2202	3.0	Optics and Waves			A	12.75
W	PHYS 2602	3.0	Quantum Computing			A+	13.50
Sessional:		Cr. Hrs. Passed = 12.00	Cr. Hrs. Failed = 0.00	WGP = 53.250		GPA = 4.438	
Cumulative:		Cr. Hrs. Passed = 57.00	Cr. Hrs. Failed = 3.00	WGP = 234.000		GPA = 3.900	
S	PHYS 2777	3.0	Study of Time			A	12.75
Sessional:		Cr. Hrs. Passed = 3.00	Cr. Hrs. Failed = 0.00	WGP = 12.750		GPA = 4.250	
Cumulative:		Cr. Hrs. Passed = 60.00	Cr. Hrs. Failed = 3.00	WGP = 246.750		GPA = 3.917	

**Academic Year: 2024 (September 2024 - August 2025)**

**TRANSFER CREDITS:**

F	GERM 1001	6.0	Introductory German	TFR		S	0.00
F	GERM 2109	3.0	Intermediate Germ			CO	0.00
F	MATH 2102	3.0	Diff Equations I			CO	0.00
F	PHYS 3202	3.0	Intermediate Mechanics			CO	0.00
F	PHYS 3901	3.0	Intermed Physics Lab			CO	0.00
Cumulative:		Cr. Hrs. Passed = 60.00	Cr. Hrs. Failed = 3.00	WGP = 246.750		GPA = 3.917	
FW	PHYS 3301	6.0	Quantum Mechanics			CO	0.00
Cumulative:		Cr. Hrs. Passed = 60.00	Cr. Hrs. Failed = 3.00	WGP = 246.750		GPA = 3.917	



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**WINNIPEG**

515 PORTAGE AVENUE, WINNIPEG, MANITOBA, CANADA R3B 2E9

Simon Andrew Pankratz  
Student Number: 3076135

Term	Course Number	Credit Hours	Course Title	Credit Type	Course Type	Grade	WGP
<b>Academic Year: 2024 (September 2024 - August 2025)</b>							
W	PHYS 2812	3.0	The Physics of Music			CO	0.00
W	PHYS 3403	3.0	Thermal & Stat Physics			CO	0.00
W	PHYS 4302	3.0	Condensed Matter Physics		H	CO	0.00
W	PHYS 4901	3.0	Advanced Physics Lab		H	CO	0.00
Cumulative:		Cr. Hrs. Passed = 60.00		Cr. Hrs. Failed = 3.00		WGP = 246.750	GPA = 3.917

Exit Status: Regular

#### **AWARDS INFORMATION**

October 2023      Dean's Honour List-Student of Distinction  
November 2023    Henry Doidge Memorial Scholarship in Physics  
October 2024      Dean's Honour List-Student of Distinction

-- END OF OFFICIAL TRANSCRIPT --



## Abbreviation Key

Grade Description		Undergraduate Specific		Graduate Specific	
I	Incomplete	AEG	Aegrotat	P	Pass
NP	No Paper			H	Pass with Honours
S	Standing				
CO	Continuing				

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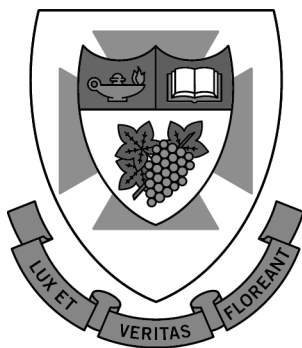
Credit Type		Undergraduate Specific		Graduate Specific	
CC	Challenge for Credit	AP	Advanced Placement	COIN	Cooperative Intensive
FC	Forfeit Credit	GCE	General Certificate of Education	COOP	Cooperative
LOP	Letter of Permission	IB	International Baccalaureate	INT	Intensive
PLAR	Prior Learning Assessment & Recognition	NFC	Not for Credit		
TFR	Transfer	RRC	Red River College		
		SC	Standing Granted by Committee		

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Course Types		Undergraduate Specific	
R	Repeat Attempt	H	Honours

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Colin Russell  
Registrar

# The University of Winnipeg

## UNDERGRADUATE AND GRADUATE EXPLANATORY NOTES

### History

The University of Winnipeg was established in July 1967, when the Province of Manitoba granted full university status to United College. Prior to July 1967, United College was affiliated with the University of Manitoba. The two founding colleges, Manitoba College (founded in 1871) and Wesley College (founded in 1888), were united in 1926 and functioned as "The United Colleges." In 1938 a provincial charter officially amalgamated them as United College.

The University is a member of Universities Canada, The Association of Commonwealth Universities, and the International Association of Universities. Its Faculty of Theology is accredited by the Association of Theological Schools in the United States and Canada.

Concord College, associated with The University of Winnipeg since 1970, and now a part of the Canadian Mennonite University, served as the University's Music Department. New students were accepted into this music program only until September 2001.

Graduate Studies at the University of Winnipeg have included degrees in Theology since the University's inception. In July 1976, Joint Master's Programs in Arts were initiated with the University of Manitoba, followed by Public Affairs (later Public Administration) in 1977. The Marriage and Family Therapy degree was first awarded in 1992. In July 2007, the University began offering stand-alone Master's degrees.

### Undergraduate Degree Programs

- Bachelor of Arts
- Bachelor of Arts (4-Year)
- Bachelor of Arts (Honours)
- Bachelor of Science
- Bachelor of Science (4-Year)
- Bachelor of Science (4-Year) Applied
  - offered co-operatively with Red River Polytech
- Bachelor of Science (Honours)
- Bachelor of Education
  - offered co-operatively with the University of Manitoba (1973-1999)
- Bachelor of Education (Integrated with BA or BSc or BPHE)
- Bachelor of Business Administration
- Bachelor of Business Administration (4-Year)
- Bachelor of Kinesiology (4-Year)
- Bachelor of Kinesiology (Honours)
- Bachelor of Physical and Health Education

### Graduate Degree Programs

- Master of Arts
- Master of Arts in Spiritual Disciplines & Ministry Practices
- Master of Arts (Theology)
- Master in Management
- Master's in Development Practice
- Master of Divinity
- Master of Marriage and Family Therapy
- Master of Sacred Theology
- Master of Science
- Master of Science in Environment and Social Change

### Other Programs

- Bachelor of Theology
- Indigenous Spiritual & Pastoral Care Diploma (Theology)
- Certificate in Theology
- Certificate in Theory, Marriage and Family Therapy
- Certificate in Therapy, Marriage and Family Therapy
- Higher Education Teaching Certificate

### Undergraduate & Graduate Grade Scheme

Subjective Evaluations		Letter Grade	Grade Points Earned		Weighted Grade Points	
Undergraduate	Graduate		6 credit hrs	3 credit hrs	6 credit hrs	3 credit hrs
Excellent		A+	4.5	2.25	27	13.5
		A	4.25	2.125	25.5	12.75
		A-	4	2	24	12
Good		B+	3.5	1.75	21	10.5
		B	3	1.5	18	9
Satisfactory	Unsatisfactory	C+	2.5	1.25	15	7.5
		C	2	1	12	6
Marginal		D	1	0.5	6	3
Failure		F	0	0	0	0

Between May 1, 1997 and August 31, 2003, the A- was not in use. Effective September 1, 2003, the grade of A- was reintroduced. The grade points assigned to a grade of A were readjusted to 4.25.

The following Graduate Studies grades are no longer awarded and/or calculation has changed to the above grade scheme

B	3.25	1.625	19.5	9.75
B-	3	1.5	18	9
C	2.25	1.13	13.5	6.75
C-	2	1	12	6

### Cumulative GPA

The grade point average is calculated on all credit hours attempted. It is calculated by dividing the weighted grade points by the total number of credit hours passed and credit hours failed. The number of hours in "Standing" courses will not be included in this calculation.

For Undergraduate, in the case of repeated courses, prior to Spring 2009, both grades and the number of credit hours in both courses will be included in the calculation. Beginning Spring 2009 repeated courses will count only the best grade out of any passed attempts, however, all attempts will appear on the transcript. Failed repeated courses are not marked as repeats and will be counted in the cumulative GPA.

For Graduate, in the case of a repeated course, both grades and the number of credit hours in both courses will be included in the calculation.

### Academic Terms

The University of Winnipeg offers courses in 4 terms. The Fall and Winter terms each have 12 weeks of classes and 2 weeks of evaluation. A 6 credit hour course is normally taught over 2 terms and a 3 credit hour course over one term. Some courses may also be taught

FALL TERM.....	September-December
FALL/WINTER.....	September-April
WINTER TERM.....	January-April
UNDERGRADUATE SPRING TERM.....	May-August
GRADUATE SPRING/SUMMER.....	April-August

### Course Weight and Value

The University designates the value of its courses in credit hours.

- Full courses are 6 credit hours and consist of 3 lecture hours per week over the Fall/Winter term: Equivalent to 2 semesters or 3 quarters.
  - Half courses are 3 credit hours and consist of 3 lecture hours per week over the Fall term or the Winter term.
- Courses with credit hours other than 3 and 6 will be designated accordingly.