TRANSCRIPT OF ACADEMIC RECORD

UNIVERSITY of OTAGO
Te Whare Wānanga o Otāgo
NEW ZEALAND

Name	Zachary Johann Seales
ID Number	6687905
Date of birth	24 April 1995
Entrance qualification	UE (NCEA Level 3) 2013
Qualification(s) completed	Bachelor of Science - major subject(s): Computer Science (completed November 2022, conferred 14 December 2022)

2015   Bachelor of Science

Enrolment dates: 20 February 2015 - 7 November 2015   **Full-time**

Period	Paper code	Paper title	Points	%	Grade
S1	BSNS106	Information and Communication in Organisations	18	59	C
S1	COMP150	Practical Programming		15	Fail E
S1	MATH160	Mathematics 1	18	79	B+
S1	PHSI131	Physical Law and Its Applications		41	Fail D
S2	COMO101	Computational Mathematics		3	Fail E
S2	COMP160	General Programming			Failed Terms
S2	MATH170	Mathematics 2			Failed Terms
S2	PHSI132	Fundamentals of Modern Physics		7	Fail E

2016   Bachelor of Science

Enrolment dates: 26 February 2016 - 12 November 2016   **Full-time**

Period	Paper code	Paper title	Points	%	Grade
S1	ENVI111	Environment and Society		11	Fail E
S1	MATH170	Mathematics 2			Failed Terms
S1	PHSI131	Physical Law and Its Applications		30	Fail E
S2	COMO101	Modelling and Computation			Failed Terms
S2	COMP160	General Programming			Failed Terms
S2	PHSI132	Fundamentals of Modern Physics		4	Fail E

2020   Bachelor of Science

Enrolment dates: 21 February 2020 - 7 November 2020   **Part-time**

Period	Paper code	Paper title	Points	%	Grade
S1	MATH170	Mathematics 2	18	85	A
S2	COMP160	General Programming	18	81	A-
S2	ENGL127	Effective Writing	18	65	B-

2021   Bachelor of Science

Enrolment dates: 26 February 2021 - 13 November 2021   **Full-time**

Period	Paper code	Paper title	Points	%	Grade
S1	COSC241	Programming and Problem Solving	18	75	B+

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Period	Paper code	Paper title	Points	%	Grade
S1	COSC243	Computer Architecture and Operating Systems	18	60	C+
S1	MATH203	Calculus of Several Variables	18	62	C+
S2	COMO204	Differential Equations	18	63	C+
S2	COSC242	Algorithms and Data Structures	18	58	C
S2	COSC244	Data-communications, Networks, Internet	18	82	A-

2022   Bachelor of Science

Enrolment dates: 10 January 2022 - 12 November 2022   **Full-time**

Period	Paper code	Paper title	Points	%	Grade
SS	COSC360	Computer Game Design	18	72	B
S1	COSC301	Network Management and Security	18	74	B
S1	COSC326	Computational Problem Solving	18		Pass
S1	COSC342	Visual Computing: Graphics & Vision	18	71	B
S1	INFO201	Developing Information Systems 1	18	65	B-
S2	COMO101	Modelling and Computation	18	74	B
S2	COSC343	Artificial Intelligence	18	70	B
S2	COSC345	Software Engineering	18	76	B+
S2	INFO202	Developing Information Systems 2	18	67	B-

Grade Point Average

Based on a 9-point scale.

Cumulative	2.9
For 2015	1.0
For 2016	0.0
For 2020	6.3
For 2021	4.0
For 2022	4.9

--- End of Transcript ---

Certified correct

J. Gibson
Head
Student Experience
Date 15 December 2022

The attached last page is a key to grades and abbreviations and should be read in conjunction with this transcript.

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KEY TO GRADES AND ABBREVIATIONS

From 1993 onwards

		GPA
90 – 100	A+	9
85 – 89	A	8
80 – 84	A–	7
75 – 79	B+	6
70 – 74	B	5
65 – 69	B–	4
60 – 64	C+	3
55 – 59	C	2
50 – 54	C–	1
40 – 49	Fail D	0
Below 40	Fail E	0
Failed Terms	Fail	0
Failed Compulsory Assessment	Fail	0
Disqualified	Fail	0
Ungraded Fail	Fail	N/A
Ungraded Pass	Pass	N/A
Aegrotat	Pass	N/A
Completed	Pass	N/A
Comp Pass	Pass	N/A

- First Class Honours, or Distinction
  80 – 100 (1993 onwards)

- Second Class Honours (Division I), or Credit
  73 – 79 (1993 – 2007), 70 – 79 (2008 onwards)

- Second Class Honours (Division II)
  65 – 72 (1993 – 2007), 60 – 69 (2008 onwards)

- Third Class Honours
  50 – 64 (1993 – 2007), 50 – 59 (2008 onwards)

Bachelor of Medicine and Bachelor of Surgery (MB ChB) results since 2002 are based on a criterion referenced system and are not graded but expressed as Distinction, Pass or Fail. The award of overall passes with distinction in the second, third, fifth, and sixth year courses of the programme, the award of passes in individual disciplines in the sixth year with distinguished performance, and the award of the degrees with distinction are determined according to criteria approved by the Faculty of Medicine.

Overall results for the degree of Master of Teaching and Learning (from 2015 on) with (distinction or credit) are determined according to criteria approved by the College of Education.

Absent	=	Did Not Sit
AC	=	Audio Conference
DL	=	Distance Learning
FEO	=	Final Examination Only
ST	=	Special Topic Paper
TCO	=	Terms Carried Over
XM	=	Extramural
SC	=	Special Consideration in Final Examination
RP	=	Repeat Paper
IO	=	Interest Only

Semester information from 1994 onwards

FY	=	Full year
SI	=	Semester One
S2	=	Semester Two
SS	=	Summer School
TY	=	Full Year, Thesis Enrolment
TI	=	First Half of Year, Thesis Enrolment
T2	=	Second Half of Year, Thesis Enrolment
N1 to N8	=	Non Standard Teaching Periods
SC	=	Short Course

Revised Points System

On 1 January 2007 the University of Otago introduced a revised system for the points assigned to each paper, to conform to a national standard for New Zealand universities.

The points for papers taken in or after 2007 are three times those in previous years (e.g. a paper worth 6 points in 2006 is worth 18 points from 2007).

On academic records the points shown for each paper are those for the system in use at the time the paper was passed.

Grade Point Average (GPA) information

The University of Otago uses a 9-point scale for calculating GPA values. An annual GPA is calculated using the grades for all papers (including failed papers) attempted by a student during a given year. It is a weighted average, taking into account the differing point values of papers. A cumulative GPA is calculated for all results to date. For further information see blogs.otago.ac.nz/evision/files/2014/07/Grade-Point-Averages.pdf

Verification of Qualifications

For confirmation of the University of Otago qualifications that have been awarded to former or current students, search the database of graduates at otago.ac.nz