Name: Roland Sanford University ID: 484001583

Student Address: 2930 Gaines Basin Road

Albion, NY 14411

Music Aural

Music Non-

aural Subscore

Subscore

2013-01-01

2013-01-01

4.00

2.00

Print Date: 2017-10-25

Beginning of Undergraduate Record

2013-14 Fall

				Program: Plan:		UGRD Science Bachelor of Science in Physics				
Test Credits				Course		Description	Attempted	Earned	Grade	Points
Test Credits Applied Toward UGRD Science				ACSC	10	YearOne	0.000	0.000		0.000
Advanced Placement Biology 2013-01-01	4.00			CHMG	141	Gen & Analytical Chemistry I	3.000	3.000	Α	12.000
Transferred to Term 2013 Fall as				CHMG	145	Gen & Analy Chem Lab 1	1.000	1.000	Α	4.000
BIOL 102 General Biology II		3.000	Χ	FNRT	254	RIT Jazz Ensemble	1.000	0.000	Α	0.000
BIOL 101 General Biology I		3.000	Χ			Topic: RIT Jazz Ensemble:Lab I				
BIOL 103 General Biology I Lab		1.000	Χ			Repeated - Excluded from Statis			_	
BIOL 104 General Biology II Lab		1.000	Χ	MATH	219	Multivariable Calculus	3.000	3.000	В	9.000
A	4.00			PHYS	150	Intro Special Relativity	3.000	3.000	В	9.000
Advanced Placement Mathematics: 2013-01-01	4.00			PHYS	216	University Physics I: Phys Maj	4.000	4.000	В	12.000
Calculus BC Transferred to Term 2013 Fall as				UWRT	150	FYW: Writing Seminar	3.000	3.000	Α	12.000
MATH 181 Project-Based Calculus I		4.000	Χ				A 11 1 1		ODA Haira	Detete
MATH 182 Project-Based Calculus II		4.000	X	- 0-			Attempted	<u>Earned</u>	GPA Units	<u>Points</u>
MATTI 102 Troject-based Calculus II		4.000	X	Term GF	Α	3.410 Term	18.000	17.000	17.000	58.000
Advanced Placement Music: Theory 2013-01-01	3.00					Transfer/Test	22.000	22.000	0.000	0.000
Transferred to Term 2013 Fall as						Combined	40.000	39.000	17.000	58.000
FNRT 205 Intro to Music Theory		3.000	Χ							
Advanced Discount Otalistics 0040 04 04	4.00						<u>Attempted</u>	<u>Earned</u>	GPA Units	<u>Points</u>
Advanced Placement Statistics 2013-01-01 Transferred to Term 2013 Fall as	4.00			Cum GP	Α	3.410 Cumulative	18.000	17.000	17.000	58.000
STAT 145 Introduction to Statistics I		3.000	Χ			Transfer/Test	22.000	22.000	0.000	0.000
STAT 145 Introduction to Statistics I		3.000	^			Combined	40.000	39.000	17.000	58.000
Advanced Placement Physics B 2011-01-01	2.00									
Transferred to Term 2013 Fall as										
Advanced Placement Calc AB 2013-01-01	5.00									
Subscore Transferred to Term 2013 Fall as										

Transferred to Term 2013 Fall as

Transferred to Term 2013 Fall as

Advanced Placement

Advanced Placement

Attempted

22.000

76.000

Grade

0.000

53.000 194.665

Earned

22.000

75.000

Points

0.000

UNOFFICIAL ACADEMIC TRANSCRIPT

Course

Name: Roland Sanford University ID: 484001583

Term Honor:

Academic Standing Effective 2014-01-05: Good Standing

2013-14 Spring

Program: UGRD Science

Plan: Bachelor of Science in Physics

Dean's List

Plan: Secondary Major in Computational Mathematics

Course		<u>Description</u>	Attempted	Earned	<u>Grade</u>	Points
CSCI	141	Computer Science I	4.000	4.000	Α	16.000
FNRT	254	RIT Jazz Ensemble	1.000	1.000	Α	4.000
		Topic: RIT Jazz Ensemble:Lab Ens	semble			
		Repeated - Included in Statistics				
MATH	231	Differential Equations	3.000	3.000	Α	12.000
MATH	251	Probability and Statistics I	3.000	3.000	Α	12.000
PHIL	101	Introduction to Philosophy	3.000	3.000	Α	12.000
PHYS	217	University Physics II Phys Maj	4.000	4.000	Α	16.000
WREC	72	Ski/Snowboard/Lift Ticket Only	0.000	0.000	S	0.000

 Term GPA
 4.000
 Term
 Attempted 18.000
 Earned 18.000
 GPA Units 18.000
 Points 72.000

Earned GPA Units **Attempted Points** Cum GPA 3.710 Cumulative 36.000 35.000 35.000 130.000 22.000 0.000 0.000 Transfer/Test 22.000 Combined 58.000 57.000 35.000 130.000

Term Honor: Dean's List

Academic Standing Effective 2014-05-28: Good Standing

2014-15 Fall

Program: UGRD Science

Plan: Bachelor of Science in Physics

Plan: Secondary Major in Computational Mathematics

CSCI	142	Computer	Science II	4.000	4.000	Α	16.000
MATH	200	Discrete N	Math & Int to Proofs	3.000	3.000	B+	9.999
MATH	326	Boundary	Value Problems	3.000	3.000	Α	12.000
PHYS	213	Modern P	hysics I	3.000	3.000	Α	12.000
PHYS	275	Sophomo	re Physics Seminar	1.000	1.000	A-	3.667
PHYS	295	Physics R	esearch	1.000	1.000	Α	4.000
PHYS	320	Math Methods in Physics		3.000	3.000	C+	6.999
				<u>Attempted</u>	<u>Earned</u>	GPA Units	Points Points
Term GP	PΑ	3.590	Term	18.000	18.000	18.000	64.665
				<u>Attempted</u>	<u>Earned</u>	GPA Units	Points
Cum GP.	Α	3.670	Cumulative	54.000	53.000	53.000	194.665

Term Honor: Dean's List

Academic Standing Effective 2015-01-05: Good Standing

Description

2014-15 Spring

Transfer/Test

Combined

Program: UGRD Science

Plan: Bachelor of Science in Physics

Plan: Secondary Major in Computational Mathematics

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
CSCI	243	The Mechanics of Programming	3.000	3.000	Α	12.000
CSCI	262	Intro to Comp Science Theory	3.000	3.000	Α	12.000
MATH	241	Linear Algebra	3.000	3.000	Α	12.000
PHYS	222	Electronic Measurements	3.000	3.000	B+	9.999
PHYS	283	Vibrations and Waves	3.000	3.000	A-	11.001
SWEN	261	Intro to Software Engineering	3.000	3.000	В	9.000

 Term GPA
 3.670
 Term
 Attempted
 Earned
 GPA Units
 Points

 18.000
 18.000
 66.000

Earned GPA Units

18.000

18.000

<u>Attempted</u>

18.000

Points

56.000

UNOFFICIAL ACADEMIC TRANSCRIPT

Name: **Roland Sanford University ID:** 484001583

Subplan:

Combined BS Degree in Computational Mathematics and MS Degree in Applied Computational Mathematics

Cum GPA Term Honor:	3.670 Dean's List	Cumulative Transfer/Test Combined	Attempted 72.000 22.000 94.000	Earned 71.000 22.000 93.000	GPA Units 71.000 0.000 71.000	Points 260.665 0.000 260.665	Course MATH MATH MATH PHYS PHYS PHYS	431 606 611 214 315 330	Description Real Variables I Graduate Seminar I Numerical Analysis Modern Physics II Experiments in Modern Physics Classical Mechanics	Attempted 3.000 1.000 3.000 3.000 3.000 4.000	Earned 3.000 1.000 3.000 3.000 3.000 4.000	Grade B+ A B+ C- C B-	Points 9.999 4.000 9.999 5.001 6.000 10.668
Academic Stand	ding Effective	2015-01-05: Good Sta	nding				Term GP	Α	2.690 Term	Attempted 17.000	<u>Earned</u> 17.000	GPA Units 17.000	<u>Points</u> 45.667
Program: Plan: Plan:		2014-15 Summer ence f Science in Physics Major in Computationa					Cum GP.	A	3.480 Cumulative Transfer/Test Combined	Attempted 92.000 22.000 114.000	Earned 91.000 22.000 113.000	GPA Units 91.000 0.000 91.000	0.000
Course CSCI 251	Descriptio Conc of P	o <u>n</u> ar & Dist Systems	Attempted 3.000	<u>Earned</u> 3.000	<u>Grade</u> B+	<u>Points</u> 9.999	Academic Standing Effective 2016-01-04: Good Standing						
Term GPA	3.330 3.660	Term Cumulative	Attempted 3.000 Attempted 75.000	Earned 3.000 Earned 74.000	GPA Units 3.000 GPA Units 74.000	Points 9.999 Points 270.664	Program: Plan: Plan: Subplan:		2015-16 Spring UGRD Science Secondary Major in Physics Bachelor of Science in Computatio Combined BS Degree in Computat	ional Mathema		1S	
Academic Stand	ding Effective	Transfer/Test Combined 2015-08-20: Good Sta 2015-16 Fall	22.000 97.000 nding	22.000 96.000	0.000 74.000	0.000 270.664	<u>Course</u> MATH MATH MATH MATH	341 605 607 761	Degree in Applied Computational N Description Advanced Linear Algebra Stochastic Processes Graduate Seminar II Mathematical Biology	Attempted 3.000 3.000 1.000 3.000	Earned 3.000 3.000 1.000 3.000	<u>Grade</u> B B+ A A	Points 9.000 9.999 4.000 12.000
Program: Plan: Plan:	Bachelor of				40		PHYS PHYS PHYS	316 411 450	Advanced Laboratory in Physics Electricity and Magnetism Capstone Preparation	3.000 4.000 1.000	3.000 4.000 1.000	C- B A	5.001 12.000 4.000

Term GPA

3.110

Term

Roland Sanford Name: **University ID:** 484001583

Cum GP/		3.420 ng Effective 2	Cumulative Transfer/Test Combined 2016-05-26: Good Stand	Attempted 110.000 22.000 132.000	Earned 109.000 22.000 131.000	GPA Units 109.000 0.000 109.000	Points 372.331 0.000 372.331	Course CSCI MATH MATH PHYS PHYS PHYS	620 412 601 377 415 452	Numerical Methods of Advanced	on to Big Data Linear Algebra of Applied Mathematics Computational Physics Quantum Mechanics	Attempted 3.000 3.000 3.000 3.000 3.000 3.000 3.000	Earned 3.000 3.000 3.000 3.000 0.000 3.000	Grade B- C- A A- W A	Points 8.001 5.001 12.000 11.001 0.000 12.000
			2016-17 Fall					T 05		0.000	_	Attempted	Earned	GPA Units	<u>Points</u>
Program:		UGRD Scie						Term GP	'Α	3.200	Term	18.000	15.000	15.000	48.003
Plan: Plan:		•	Major in Physics Science in Computation	al Mathamati	00							Attompted	Earned	GPA Units	<u>Points</u>
Subplan:			SCIENCE IN Computation S Degree in Computation			1S		Cum GP	Δ	3.390	Cumulative	Attempted 140.000	136.000	136.000	461.332
			pplied Computational Ma					Ouin Oi	, ,	0.000	Transfer/Test	22.000	22.000	0.000	0.000
Course		Description	1	Attempted	Earned	Grade	Points				Combined	162.000	158.000	136.000	461.332
MATH	421	Mathemati	cal Modeling	3.000	3.000	A	12.000								
PHYS	412		city & Magnetism	3.000	3.000	B+	9.999	Academic	Standir	ng Effective	2017-05-25: Good Standi	ing			
PHYS	414	Quantum N		3.000	3.000	В	9.000								
PHYS	451	Capstone I	Project i	3.000	3.000	B+	9.999				2016-17 Summer				
				<u>Attempted</u>	<u>Earned</u>	GPA Units	<u>Points</u>	Program:		UGRD Scie	ence				

40.998

Points **Points**

0.000

413.329

12.000

121.000

0.000

121.000 413.329

Term Honor: Dean's List

Term GPA

Cum GPA

Academic Standing Effective 2017-01-03: Good Standing

2016-17 Spring

12.000

122.000 121.000

144.000 143.000

<u>Attempted</u>

22.000

12.000

22.000

Earned GPA Units

Program: **UGRD** Science

Plan: Secondary Major in Physics

3.420

3.420

Plan: Bachelor of Science in Computational Mathematics

Term

Cumulative

Combined

Transfer/Test

Subplan: Combined BS Degree in Computational Mathematics and MS

Degree in Applied Computational Mathematics

Plan: Secondary Major in Physics

Plan: Bachelor of Science in Computational Mathematics

Subplan: Combined BS Degree in Computational Mathematics and MS

Degree in Applied Computational Mathematics

Course MATH 499	<u>Descriptio</u> Mathemat		Attempted 0.000	<u>Earned</u> 0.000	<u>Grade</u>	<u>Points</u> 0.000
Term GPA	0.000	Term	Attempted 0.000	<u>Earned</u> 0.000	GPA Units 0.000	<u>Points</u> 0.000
Cum GPA	3.390	Cumulative Transfer/Test Combined	Attempted 140.000 22.000 162.000	Earned 136.000 22.000 158.000	GPA Units 136.000 0.000 136.000	Points 461.332 0.000 461.332

Name: **Roland Sanford University ID:** 484001583

2017-18 Fall

Program: Plan: **UGRD Science**

Plan:

Secondary Major in Physics
Bachelor of Science in Computational Mathematics
Combined BS Degree in Computational Mathematics and MS
Degree in Applied Computational Mathematics Subplan:

Course MATH 4		<u>Description</u> Mathematics Co-op		Attempted 0.000	<u>Earned</u> 0.000	<u>Grade</u>	<u>Points</u> 0.000
Term GPA		0.000	Term	Attempted 0.000	<u>Earned</u> 0.000	GPA Units 0.000	<u>Points</u> 0.000
				<u>Attempted</u>	Earned	GPA Units	<u>Points</u>
Cum GPA		3.390	Cumulative	140.000	136.000	136.000	461.332
			Transfer/Test	22.000	22.000	0.000	0.000
			Combined	162.000	158.000	136.000	461.332
Undergradu	uate C	areer Tota	ls				
ŭ			Cumulative	140.000	136.000	136.000	461.332
			Transfer/Test	22.000	22.000	0.000	0.000
Cumulative (GPA	3.390	Combined	162.000	158.000	136.000	461.332

Roland Sanford Name: **University ID:** 484001583

Student Address: 2930 Gaines Basin Road

Albion, NY 14411

Print Date: 2017-10-25

Beginning of Graduate Record

2016-17 Fall

GRAD Science

Program: Plan: Subplan: Master of Science in Applied and Computational Mathematics Combined BS Degree in Computational Mathematics and MS Degree in Applied Computational Mathematics

<u>Course</u> MATH MATH	645 712	Description Graph The Num Meth	_	Attempted 3.000 3.000	3.000 3.000	<u>Grade</u> A A	Points 12.000 12.000
Term GP	'A	4.000	Term	Attempted 6.000	<u>Earned</u> 6.000	GPA Units 6.000	<u>Points</u> 24.000
Cum GP	A	4.000	Cumulative Transfer/Test Combined	Attempted 6.000 0.000 6.000	Earned 6.000 0.000 6.000	GPA Units 6.000 0.000 6.000	Points 24.000 0.000 24.000

Academic Standing Effective 2017-01-03: Good Standing

Graduate Career Totals

Oracia de		Cumulative Transfer/Test	6.000 0.000	6.000 0.000	6.000 0.000	24.000 0.000
Cumulative	e GPA 4.000	Combined	6.000	6.000	6.000	24.000