

\*\*\* UNOFFICIAL \*\*\*

Name: Bose, Shourya  
Student ID: 1851189

Institution Info: University of California, Santa Cruz  
1156 High Street  
Santa Cruz, CA 95064

Degrees Awarded

Degree: Master of Science  
Confer Date: 12/10/2021  
Plan: MS in Electrical and Computer Engineering

Beginning of Graduate Record

2020 Fall Quarter

Program: Electrical & Computer Engineer  
Plan: PhD in Electrical and Computer Engineering

Course	Description	Attempted	Earned	Grade	Points
AM 229	Convex Optimization	5.00	5.00	A+	20.000
ECE 240	LinearDynamicalSystem	5.00	5.00	A	20.000
ECE 253	Intro InformtnTheory	5.00	5.00	A	20.000
ECE 280Z	Smart Grids & Data	2.00	2.00	A+	8.000
GRAD 200	Academic Writing	0.00	0.00	S	0.000
GRAD 201	Oral Communication	0.00	0.00	S	0.000
GRAD 202	Reading & Research	0.00	0.00	S	0.000

Academic Standing Effective 12/23/2020: Good Standing

		Attempted	Earned	GPA Units	Points
Term GPA	0.00	Term Totals	17.00	17.00	68.000
Transfer Term GPA		Transfer Totals	0.00	0.00	0.000
Combined GPA	0.00	Comb Totals	17.00	17.00	68.000
Cum GPA	0.00	Cum Totals	17.00	17.00	68.000
Transfer Cum GPA		Transfer Totals	0.00	0.00	0.000
Combined Cum GPA	0.00	Comb Totals	17.00	17.00	68.000

2021 Winter Quarter

Program: Electrical & Computer Engineer  
Plan: PhD in Electrical and Computer Engineering

Course	Description	Attempted	Earned	Grade	Points
AM 230	Numerical Optimiz	5.00	5.00	A	20.000
ECE 241	FeedbackContrlSystem	5.00	5.00	A	20.000
ECE 279	Opt/Control:PowerSys	5.00	5.00	A	20.000
ECE 280Z	Smart Grids & Data	2.00	2.00	A+	8.000

Academic Standing Effective 03/18/2021: Good Standing

		Attempted	Earned	GPA Units	Points
Term GPA	4.00	Term Totals	17.00	17.00	68.000
Transfer Term GPA		Transfer Totals	0.00	0.00	0.000
Combined GPA	4.00	Comb Totals	17.00	17.00	68.000
Cum GPA	4.00	Cum Totals	34.00	34.00	136.000
Transfer Cum GPA		Transfer Totals	0.00	0.00	0.000
Combined Cum GPA	4.00	Comb Totals	34.00	34.00	136.000

2021 Spring Quarter

Program: Electrical & Computer Engineer  
Plan: PhD in Electrical and Computer Engineering

\*\*\* UNOFFICIAL \*\*\*

Name: Bose, Shourya  
Student ID: 1851189

Course	Description	Attempted	Earned	Grade	Points
AM 232	Optimal Control	5.00	5.00	A+	20.000
ECE 275	Energy Market	5.00	5.00	B+	16.500
ECE 291	Tomorrow's Professor	3.00	3.00	S	0.000
ECE 297A	Independent Study	5.00	5.00	A+	20.000

Academic Standing Effective 06/08/2021: Good Standing

			<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
Term GPA	3.76	Term Totals	18.00	18.00	15.00	56.500
Transfer Term GPA		Transfer Totals	0.00	0.00	0.00	0.000
Combined GPA	3.76	Comb Totals	18.00	18.00	15.00	56.500
Cum GPA	3.92	Cum Totals	52.00	52.00	49.00	192.500
Transfer Cum GPA		Transfer Totals	0.00	0.00	0.00	0.000
Combined Cum GPA	3.92	Comb Totals	52.00	52.00	49.00	192.500

2021 Fall Quarter

Program: Electrical & Computer Engineer  
Plan: PhD in Electrical and Computer Engineering

Program: Electrical & Computer Engineer  
Plan: MS in Electrical and Computer Engineering

Course	Description	Attempted	Earned	Grade	Points
CSE 242	Machine Learning	5.00	5.00	A+	20.000
ECE 280Z	Smart Grids & Data	2.00	2.00	S	0.000
ECE 290	ECE Graduate Seminar	2.00	2.00	S	0.000
ECE 297A	Independent Study	5.00	5.00	A+	20.000

Academic Standing Effective 12/08/2021: Good Standing

			<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
Term GPA	4.00	Term Totals	14.00	14.00	10.00	40.000
Transfer Term GPA		Transfer Totals	0.00	0.00	0.00	0.000
Combined GPA	4.00	Comb Totals	14.00	14.00	10.00	40.000
Cum GPA	3.94	Cum Totals	66.00	66.00	59.00	232.500
Transfer Cum GPA		Transfer Totals	0.00	0.00	0.00	0.000
Combined Cum GPA	3.94	Comb Totals	66.00	66.00	59.00	232.500

2022 Winter Quarter

Program: Electrical & Computer Engineer  
Plan: PhD in Electrical and Computer Engineering

Course	Description	Attempted	Earned	Grade	Points
CSE 201	Analysis Algorithms	5.00	5.00	A	20.000
ECE 280Z	Smart Grids & Data	2.00	2.00	A+	8.000
ECE 297B	Independent Study	10.00	10.00	A+	40.000

Academic Standing Effective 03/16/2022: Good Standing

			<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
Term GPA	4.00	Term Totals	17.00	17.00	17.00	68.000
Transfer Term GPA		Transfer Totals	0.00	0.00	0.00	0.000
Combined GPA	4.00	Comb Totals	17.00	17.00	17.00	68.000
Cum GPA	3.95	Cum Totals	83.00	83.00	76.00	300.500
Transfer Cum GPA		Transfer Totals	0.00	0.00	0.00	0.000
Combined Cum GPA	3.95	Comb Totals	83.00	83.00	76.00	300.500

\*\*\* UNOFFICIAL \*\*\*

Name: Bose, Shourya  
Student ID: 1851189

**2022 Spring Quarter**

Program: Electrical & Computer Engineer  
Plan: PhD in Electrical and Computer Engineering

Course	Description	Attempted	Earned	Grade	Points
AM 231	Nonlinear Control	5.00	5.00	A+	20.000
ECE 297B	Independent Study	10.00	10.00	A+	40.000

Academic Standing Effective 06/10/2022: Good Standing

		Attempted	Earned	GPA Units	Points
Term GPA	4.00	Term Totals	15.00	15.00	60.000
Transfer Term GPA		Transfer Totals	0.00	0.00	0.000
Combined GPA	4.00	Comb Totals	15.00	15.00	60.000
Cum GPA	3.96	Cum Totals	98.00	98.00	360.500
Transfer Cum GPA		Transfer Totals	0.00	0.00	0.000
Combined Cum GPA	3.96	Comb Totals	98.00	98.00	360.500

**2022 Fall Quarter**

Program: Electrical & Computer Engineer  
Plan: PhD in Electrical and Computer Engineering

Course	Description	Attempted	Earned	Grade	Points
ECE 280Z	Smart Grids & Data	2.00	2.00	S	0.000
ECE 299A	Thesis Research	5.00	5.00	A+	20.000

Academic Standing Effective 01/03/2023: Good Standing

		Attempted	Earned	GPA Units	Points
Term GPA	4.00	Term Totals	7.00	5.00	20.000
Transfer Term GPA		Transfer Totals	0.00	0.00	0.000
Combined GPA	4.00	Comb Totals	7.00	5.00	20.000
Cum GPA	3.96	Cum Totals	105.00	96.00	380.500
Transfer Cum GPA		Transfer Totals	0.00	0.00	0.000
Combined Cum GPA	3.96	Comb Totals	105.00	96.00	380.500

**2023 Winter Quarter**

Program: Electrical & Computer Engineer  
Plan: PhD in Electrical and Computer Engineering

Course	Description	Attempted	Earned	Grade	Points
ECE 299A	Thesis Research	5.00	5.00	S	0.000

Academic Standing Effective 06/22/2023: Good Standing

		Attempted	Earned	GPA Units	Points
Term GPA	0.00	Term Totals	5.00	0.00	0.000
Transfer Term GPA		Transfer Totals	0.00	0.00	0.000
Combined GPA	0.00	Comb Totals	5.00	0.00	0.000
Cum GPA	3.96	Cum Totals	110.00	96.00	380.500
Transfer Cum GPA		Transfer Totals	0.00	0.00	0.000
Combined Cum GPA	3.96	Comb Totals	110.00	96.00	380.500

**2023 Spring Quarter**

Program: Electrical & Computer Engineer  
Plan: PhD in Electrical and Computer Engineering

Course	Description	Attempted	Earned	Grade	Points
ECE 280Z	Smart Grids & Data	2.00	2.00	S	0.000
ECE 299A	Thesis Research	5.00	5.00	A+	20.000

\*\*\* UNOFFICIAL \*\*\*

Name: Bose, Shourya  
Student ID: 1851189

Academic Standing Effective 06/16/2023: Good Standing

			<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
Term GPA	4.00	Term Totals	7.00	7.00	5.00	20.000
Transfer Term GPA		Transfer Totals	0.00	0.00	0.00	0.000
Combined GPA	4.00	Comb Totals	7.00	7.00	5.00	20.000
Cum GPA	3.96	Cum Totals	117.00	117.00	101.00	400.500
Transfer Cum GPA		Transfer Totals	0.00	0.00	0.00	0.000
Combined Cum GPA	3.96	Comb Totals	117.00	117.00	101.00	400.500

2023 Summer Quarter

Program: Electrical & Computer Engineer  
Plan: PhD in Electrical and Computer Engineering

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
ECE	297F	Independent Study	2.00	2.00	S	0.000

Academic Standing Effective 09/05/2023: Good Standing

			<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
Term GPA	0.00	Term Totals	2.00	2.00	0.00	0.000
Transfer Term GPA		Transfer Totals	0.00	0.00	0.00	0.000
Combined GPA	0.00	Comb Totals	2.00	2.00	0.00	0.000
Cum GPA	3.96	Cum Totals	119.00	119.00	101.00	400.500
Transfer Cum GPA		Transfer Totals	0.00	0.00	0.00	0.000
Combined Cum GPA	3.96	Comb Totals	119.00	119.00	101.00	400.500

2023 Fall Quarter

Program: Electrical & Computer Engineer  
Plan: PhD in Electrical and Computer Engineering

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
ECE	280Z	Smart Grids & Data	2.00	2.00	A+	8.000
ECE	299A	Thesis Research	5.00	5.00	S	0.000

Academic Standing Effective 12/16/2023: Good Standing

			<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
Term GPA	4.00	Term Totals	7.00	7.00	2.00	8.000
Transfer Term GPA		Transfer Totals	0.00	0.00	0.00	0.000
Combined GPA	4.00	Comb Totals	7.00	7.00	2.00	8.000
Cum GPA	3.96	Cum Totals	126.00	126.00	103.00	408.500
Transfer Cum GPA		Transfer Totals	0.00	0.00	0.00	0.000
Combined Cum GPA	3.96	Comb Totals	126.00	126.00	103.00	408.500

2024 Winter Quarter

Program: Electrical & Computer Engineer  
Plan: PhD in Electrical and Computer Engineering

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
ECE	280Z	Smart Grids & Data	2.00	2.00	S	0.000
ECE	299A	Thesis Research	5.00	5.00	A+	20.000

Academic Standing Effective 03/25/2024: Good Standing

			<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
Term GPA	4.00	Term Totals	7.00	7.00	5.00	20.000
Transfer Term GPA		Transfer Totals	0.00	0.00	0.00	0.000
Combined GPA	4.00	Comb Totals	7.00	7.00	5.00	20.000

\*\*\* UNOFFICIAL \*\*\*

Name: Bose, Shourya  
Student ID: 1851189

Cum GPA	3.96	Cum Totals	133.00	133.00	108.00	428.500
Transfer Cum GPA		Transfer Totals	0.00	0.00	0.00	0.000
Combined Cum GPA	3.96	Comb Totals	133.00	133.00	108.00	428.500

2024 Spring Quarter

Program: Electrical & Computer Engineer  
Plan: PhD in Electrical and Computer Engineering

Course	Description	Attempted	Earned	Grade	Points
ECE 280Z	Smart Grids & Data	2.00	2.00	S	0.000
ECE 299A	Thesis Research	5.00	5.00	S	0.000

Academic Standing Effective 06/11/2024: Good Standing

		Attempted	Earned	GPA Units	Points
Term GPA	0.00	Term Totals	7.00	7.00	0.000
Transfer Term GPA		Transfer Totals	0.00	0.00	0.000
Combined GPA	0.00	Comb Totals	7.00	7.00	0.000
Cum GPA	3.96	Cum Totals	140.00	140.00	108.00
Transfer Cum GPA		Transfer Totals	0.00	0.00	0.000
Combined Cum GPA	3.96	Comb Totals	140.00	140.00	108.00

2024 Summer Quarter

Program: Electrical & Computer Engineer  
Plan: PhD in Electrical and Computer Engineering

Course	Description	Attempted	Earned	Grade	Points
ECE 297F	Independent Study	2.00	2.00	S	0.000

Academic Standing Effective 10/01/2024: Good Standing

		Attempted	Earned	GPA Units	Points
Term GPA	0.00	Term Totals	2.00	2.00	0.000
Transfer Term GPA		Transfer Totals	0.00	0.00	0.000
Combined GPA	0.00	Comb Totals	2.00	2.00	0.000
Cum GPA	3.96	Cum Totals	142.00	142.00	108.00
Transfer Cum GPA		Transfer Totals	0.00	0.00	0.000
Combined Cum GPA	3.96	Comb Totals	142.00	142.00	108.00

2024 Fall Quarter

Program: Electrical & Computer Engineer  
Plan: PhD in Electrical and Computer Engineering

Course	Description	Attempted	Earned	Grade	Points
ECE 299A	Thesis Research	5.00	5.00	S	0.000

Academic Standing Effective 12/17/2024: Good Standing

		Attempted	Earned	GPA Units	Points
Term GPA	0.00	Term Totals	5.00	5.00	0.000
Transfer Term GPA		Transfer Totals	0.00	0.00	0.000
Combined GPA	0.00	Comb Totals	5.00	5.00	0.000
Cum GPA	3.96	Cum Totals	147.00	147.00	108.00
Transfer Cum GPA		Transfer Totals	0.00	0.00	0.000
Combined Cum GPA	3.96	Comb Totals	147.00	147.00	108.00

2025 Winter Quarter

Program: Electrical & Computer Engineer  
Plan: PhD in Electrical and Computer Engineering

\*\*\* UNOFFICIAL \*\*\*

Name: Bose, Shourya  
Student ID: 1851189

Course	Description	Attempted	Earned	Grade	Points
ECE 299A	Thesis Research	5.00	5.00	S	0.000

Academic Standing Effective 03/21/2025: Good Standing

			<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
Term GPA	0.00	Term Totals	5.00	5.00	0.00	0.000
Transfer Term GPA		Transfer Totals	0.00	0.00	0.00	0.000
Combined GPA	0.00	Comb Totals	5.00	5.00	0.00	0.000
Cum GPA	3.96	Cum Totals	152.00	152.00	108.00	428.500
Transfer Cum GPA		Transfer Totals	0.00	0.00	0.00	0.000
Combined Cum GPA	3.96	Comb Totals	152.00	152.00	108.00	428.500

2025 Spring Quarter

Program: Electrical & Computer Engineer  
Plan: PhD in Electrical and Computer Engineering

Course	Description	Attempted	Earned	Grade	Points
ECE 280Z	Smart Grids & Data	2.00	2.00	S	0.000
ECE 299A	Thesis Research	5.00	5.00	S	0.000

Academic Standing Effective 06/10/2025: Good Standing

			<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
Term GPA	0.00	Term Totals	7.00	7.00	0.00	0.000
Transfer Term GPA		Transfer Totals	0.00	0.00	0.00	0.000
Combined GPA	0.00	Comb Totals	7.00	7.00	0.00	0.000
Cum GPA	3.96	Cum Totals	159.00	159.00	108.00	428.500
Transfer Cum GPA		Transfer Totals	0.00	0.00	0.00	0.000
Combined Cum GPA	3.96	Comb Totals	159.00	159.00	108.00	428.500

Graduate Career Totals

Cum GPA:	3.96	Cum Totals	159.00	159.00	108.00	428.500
Transfer Cum GPA		Transfer Totals	0.00	0.00	0.00	0.000
Combined Cum GPA	3.96	Comb Totals	159.00	159.00	108.00	428.500

Non-Course Milestones

Graduate Candidacy  
Status: Completed  
Program: Electrical & Computer Engineer

End of \*\*\* UNOFFICIAL \*\*\*