



AMAT MSE Specialization in Semiconductor Process Engineering, cohort 1

[tentative schedule, subject to change]

Semester	Dates	Course	Course Title	Units	Instructor
Fall 2023	TBA	MATE 215	Solid State Materials Engineering	3	TBA
Spring 2024	TBA	EE 221	Semiconductor Devices I	3	TBA
Spring 2024	TBA	MATE 261	Semiconductor Process Equipment	3	TBA
BREAK					
Summer 2024	TBA	MATE 262	Semiconductor Wafer Processing	3	TBA
Fall 2024	TBA	ME 283	Automatic Control of Manufacturing Processes	3	TBA
BREAK					
Spring 2025	TBA	MATE 241	Advanced Methods of Materials Characterization	3	TBA
Spring 2025	TBA	MATE 263	Semiconductor Device Reliability and Failure Mechanisms	3	TBA
BREAK					
Summer 2025	TBA	CHE 200	Research Methods	3	TBA
Fall 2025	TBA	MATE 280	Graduate Research	3	TBA
Spring 2026	TBA	MATE 281	MS Thesis/Project Preparation Seminar	1	TBA
Spring 2026	TBA	MATE 298	MS Research/Project	2	TBA
Graduation Spring 2026!					
Program Specialist:		Academic Program Coordinator:			
Kira Lemons		Anand Ramasubramanian			
Email: kira.lemons@sjsu.edu		Email: anand.ramasubramanian@sjsu.edu			