

**KGI Henry E. Riggs School of Applied Life Sciences**  
**Spring 2023 Schedule (Draft 2/27/2023)**

Section #	Old Course #	Title	Credits	Instructor	Semester	Location	Day	Time
BUS 5110	1 ALS 351-1	Corporate Finance	3	Liu	SS	121-1111	TR	9:00-10:20
BUS 5110	2 ALS 351-2	Corporate Finance	3	Liu	SS	121-1111	TR	10:30-11:50
BUS 5300	2 ALS 354-2	Competitive Strategy	1.5	Sahota	S1	121-1110	TR	2:30-3:50
BUS 6110	MEB 451	Bioprocess Economics	1.5	Engelberg	S1	zoom	TR	4:00 - 5:20
BUS 6120	ALS 472	Valuation in the Life Sciences	1.5	Veerappan	S2	535-152 535-West	R	1:00-3:50
BUS 6210	ALS 452b	Adv Healthcare Economics	1.5	Choi	S2	Conference Room	TR	4:00-5:20
BUS 6220	ALS 473	Drug Pricing and Reimbursement	1.5	Choi	S1	121-1110	TR	4:00-5:20
BUS 6320	ALS 456	Managing Strategic Alliances	1.5	Chok	S1	535-152	MW	9:00-10:20
BUS 6330	ALS 470	Intellectual Property Strategy	1.5	West	S1	121-1111	MW	10:30-11:50
BUS 6500	ALS 455	Marketing Management	3	Polonsky	SS	121-1111	W	4:00-6:50
BUS 6610	ALS 443	Supply Chain Biotech Operations	3	Arnheiter	SS	535-152	M	4:00-6:50
BUS 6730	ALS 458	Applied Entrepreneurship	3	Sterling/West	SS	121-1111	M	1:00-3:50
ENG 5160	ALS 312	Introduction to Bioprocessing	1.5	Behrens	S1	535-152	TR	1:00-2:20
ENG 5130	MEB 310/ALS 427	Mammalian Cell Biotechnology	1.5	Ghosh	S1	535-152	TR	10:30-11:50
ENG 5131	MEB 362/ALS 421	Mammalian Cell Culture Lab	1.5	Abdolrahimi	SS	535-109	M	9:00-1:00
ENG 5140	ALS 429 / MEB 311	Bioseparations Engineering and Science	1.5	Datta	S1	535-152	TR	2:30-3:50
ENG 5141	MEB 315A / ALS 422	Downstream Bioprocess Engineering LAB	1.5	Abdolrahimi	S1	535-109	W	9:00 - 5:00
ENG5142		Advanced Bioprocess Engineering LAB	1.5	Abdolrahimi	S2	535-109	W	9:00-5:00
ENG 5300	1 ALS 321-1	Medical Devices	3	Hickerson / Aran	SS	121-1110	MW	9:00-10:20
ENG 5300	2 ALS 321-2	Medical Devices	3	Hickerson / Aran	SS	121-1110	MW	10:30-11:50
ENG 6100	MEB 408	Team Design Project	6	Datta/Koeris/Behrens/Ghosh	SS	535-109	TR	9:00-4:00
ENG 6152	MEB 404	Bioprocessing for Emerging Therapeutics	1.5	Behrens	S1	535-152	W	1:00-3:50
ENG 6340	ALS 425	Product Development	3	Hickerson	SS	121-1112	TR	9:00-10:20
ENG 6350	ALS 426	Medical Device Production	3	Arnheiter	SS	121-1112	T	1:00-3:50
MATH 5020	ALS 434	Clinical Biostatistics	3	Gorman	SS	121-1110	M	4:00 - 6:50
MATH 5210	MEB 309	Data Analytics for Bioprocessing	3	Zhang	SS	121-1111	R	5:30-8:30
MATH 5200	ALS 411	Bioinformatics in R	1.5	Daniel	S1	517-194	MW	1:00-2:20
MATH 5120	ALS 413	Machine Learning in the Life Sciences	1.5	Ray	S2	535-35	M	2:30-5:20
MATH 6510	ALS 459	Market Analytics	1.5	Polonsky	S2	535-152	R	4:00-6:50
PDEV 5000	ALS/MEB 400	Team Master's Project	3	Liu	SS			
PDEV 5130	ALS 393	Spring Internship	0	Cossey	SS			
PDEV 5220	1 ALS / MEB 341-1	Healthcare and Life Sciences Industry Ethics	1.5	Robinson	S2	zoom	MW	1:00-2:20
PDEV 5220	2 ALS / MEB 341-2	Healthcare and Life Sciences Industry Ethics	1.5	Robinson	S2	zoom	MW	2:30-3:50
PDEV 5400	1 ALS 398	Premedicine Professional Development	1.5	Kim / Munoz	SS	121-1111	W	1:00-2:20
PDEV 5400	2 ALS 398	Premedicine Professional Development	1.5	Kim / Munoz	SS	121-1110	W	1:00-2:20
PDEV 6000	ALS/MEB 400	Team Master's Project	6	Liu	SS		team meetings	
PDEV 7200	ALS 503	Current Topics in Applied Life Sciences & Ethics / Responsible Conduct	1.5	Sterling	SS	121-1111	F	12:00-1:00
REG 5000	ALS 362	Introduction to US Food and Drug Law	1.5	Davis	S1	517-165	M	2:30-5:20
REG 5310		Quality Systems and Regulation for Biologics	1.5	Kerr	S2	535-152	W	4:00-6:50
REG 6020	ALS 463	Current Issues for FDA Regulated Products	1.5	Humphreys	S2	zoom	T	4:30-7:30
REG 6320	MEB 409	Advanced Regulatory Topics for Biologics	1.5	Garger	S1	zoom	MW	10:30-11:50
REG 6330	ALS 415	Medical Device Quality	1.5	Arnheiter	S1	121-1112	T	4:00-6:50
REG 6510	ALS 433	Design of Clinical Trials	1.5	Davis	S2	517-165	M	1:00-3:50
REG 6520	ALS 436	Clinical Trial Design and Literature Evaluation	3	Bailus	SS	121-1111	M	4:00-6:50
RES 6000	ALS 493	Independent Research	1.5	Staff	S1/S2/SS			
RES 6001	ALS 493	Independent Research	3	Staff	S1/S2/SS			
RES 6200	ALS 495	Master Thesis (MS)	3	Levitin	SS			
RES 6201	ALS 495	Master Thesis (MS)	6	Levitin	SS			
RES 6220	ALS 496	Master Thesis MSTM	15	Levitin	SS			
RES 6010	ALS 497	Independent Study	1.5	Staff	SS			
RES 6011	ALS 497	Independent Study	3	Staff	S1/S2/SS			
RES 6230	MEB 495	Master's Thesis (MSBRD)	6	Staff	SS			
RES 6250	ALS 490	Master's Capstone Project (MSRA)	15	Levitin	SS			
RES 7000	ALS 504	PhD Research & Milestones	13.5	Sterling	SS			
SCI 5100	ALS 402	Molecular Basis of Disease	1.5	Ray	S2	121-1110	R	1:00-3:50
SCI 5220	ALS 438	Clinical Pharmacology II	3	Rothfeld	SS	121-1110	W	2:30-5:20
SCI 6100	ALS 407B	Pharmacogenomics and Precision Medicine	3	Levitin	SS	121-1110	TR	9:00-10:20
SCI 6300	ALS 430a	Advanced Pharmaceutical Discovery	1.5	Levitin	S1	121-1110	TR	10:30-11:50
SCI 6301	ALS 430b	Advanced Pharmaceutical Discovery Lab	1.5	Levitin	S2	121-1110	TR	10:30-11:50
SCI 6310	ALS 401	Biotechnology-Based Therapeutics	3	Grill	SS	121-1111	TR	2:30-3:50
SCI 6311		Cell-produced Therapeutics	1.5	Grill	S2	121-1111	TR	2:30-3:50
SCI 6410	ALS 481B	Fundamental Papers in Applied Medicine	1.5	Prosser	S1	121-1111	TR	1:00-2:20
SCI 6600	ALS 489	Infectious Diseases Epidemiology	3	Gorman	SS	121-1110	M	1:00 - 3:50
SCI 6710	ALS 409	Technologies for Biomarkers and Drug Discovery	1.5	Niemz	S1	121-1111	MW	9:00-10:20

**Key Dates**

**Fall 2022**

First Day of the Fall Semester: Monday, August 29, 2022

Fall, module 1: August 29, 2022 - October 21, 2022

Fall, module 2: October 24, 2022 - December 16, 2022

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FS	Fall, full semester course: August 29, 2022 - December 16, 2022 Fall Finals Week: December 12, 2022 - December 16, 2022 <b>Spring 2023</b> TMP Work Week January 9-13, 2023 First Day of the Spring Semester: January 17, 2023
S1	Spring, module 1: January 17, 2023 - March 10, 2023 Spring Break: March 13-17, 2023
S2	Spring, module 2: March 20, 2023 - May 12, 2023
SS	Spring, full semester course: January 17, 2023 - May 12, 2023 Spring Finals Week: May 8, 2022 - May 12, 2023 Commencement: May 14, 2023