

Requirement This is provided for reference but is subject to the Program Planning Sheet. If you have any questions, refer to the PPS and request guidance from Jordan Havens, Senior Program Coordinator, as needed.	Subject	#	Section	Title	Instructor	Cr	Typ	Day	Start	Stop	Notes
<b>Core A OR</b> <b>Concentration B. Control Systems</b>	ENGSE	501	A1, A2	Dynamic Systems Theory	Baillieul	4	IND	TR	09:00AM	10:45AM	Mts w/ENG EC501 Mts w/ENG ME501
<b>Core B OR</b> <b>Concentration E. Operations Research</b>	ENGSE	524	A1	Optimize Theor (Masters ONLY)	Castanon	4	IND	Tue,Thu	3:30pm	5:15pm	Mts w/ENG EC524 Mts w/ENG EC674 Mts w/ENG SE674 ; ENG SE524 is for non-Doctoral students only. Doctoral students
<b>Core B OR</b> <b>Concentration E. Operations Research</b>	ENGSE	674	A1, A2	Opt Theory II (PhD ONLY)	Castanon	4	LEC, DISC	Tue,Thu	3:30pm	5:15pm	Mts w/ENG EC674 Mts w/ENG EC524 Mts w/ENG SE524
<b>Core C</b> <b>Concentration A. Computational and Systems Biology</b>	ENGEK	500	A1	Prob Stat Appli	Cassandras	4	IND	Mon,Wed	2:30pm	4:15pm	
<b>Concentration A. Computational and Systems Biology</b>	ENGBE	505	A1	Molclr Bioeng 1	Wong, Green	4	IND	Tue,Thu	9:00am	10:45am	Mts w/ENG BE605 ; BME Waitlist: <a href="https://bit.ly/2SDCxr3">https://bit.ly/2SDCxr3</a>
<b>Concentration A. Computational and Systems Biology</b>	ENGBE	562	A1	Comptnl Biology	Galagan	4	LEC, DISC	Tue,Thu	1:30pm	3:15pm	Must register for Lecture and Discussion sections.
<b>Concentration B. Control Systems AND Practicum</b>	ENGME	560	A1	Mach Des&Instru	Sharon	4	IND	MW	11:00AM	12:45PM	
<b>Concentration B. Control Systems AND Practicum</b>	ENGME	570	A1	Robot Motn Plan	Tron	4	IND	Tue,Thu	3:30pm	5:15pm	
<b>Concentration C. Energy and Environmental Systems</b>	CASEC	571	A1	Energy and Environmental Economics	TBA	4	IND	Th	3:30pm	6:15pm	Listed as For Econ Masters students only; contact professor and follow add/drop process.
<b>Concentration C. Energy and Environmental Systems</b>	ENGEC	573	A1	Solar Energy Systems	Mazumder	4	IND	Tue,Thu	3:30pm	6:15pm	Mts w/ENG MS573 ; Waitlist link: <a href="https://bit.ly/3DJOO4b">https://bit.ly/3DJOO4b</a>
<b>Concentration C. Energy and Environmental Systems</b>	ENGME	533	A1	Energy Conversion	Ryan	4	IND	MW	12:20PM	02:05PM	
<b>Concentration D. Network Systems</b>	ENGSE	545	A1	Cyber Phys Sys	Li	4	IND	Mon,Wed	10:10am	11:55am	Mts w/ENG EC545
<b>Concentration E. Operations Research</b>	CASCS	542	A1	Machine Learning	Kate Saenko	4	LEC, LAB	MoWe	10:10am	11:25am	Students must register for the LEC and LAB sections.
<b>Concentration E. Operations Research</b>	ENGEC	503	A1, B1	Learng Frm Data	Ishwar	4	LEC, DISC	Tue,Thu	1:30pm	3:15pm	Must register for Lecture and Discussion. Waitlist Link: <a href="https://bit.ly/3DJOO4b">https://bit.ly/3DJOO4b</a>
<b>Concentration E. Operations Research</b>	ENGEC	523	A1	Deep Learning	Batmanghelici	4	IND	Mon,Wed	2:30pm	4:15pm	Meets w/ CS523; Waitlist Link: <a href="https://bit.ly/3DJOO4b">https://bit.ly/3DJOO4b</a>
<b>Concentration F. Production and Service Systems</b>	ENGME	510	A1	Prod Sys Analys	Perkins	4	IND	Mon,Wed	6:30pm	8:15pm	
<b>Concentration F. Production and Service Systems</b>	QSTOM	726	F1	Creating Value Through Operations and Technology	TBA	3	IND	Wed	6:30pm	9:15pm	1) Register using a QST Cross Enrollment Form, <a href="https://questromworld.bu.edu/grad/forms/">https://questromworld.bu.edu/grad/forms/</a> (should be signed by the instructor of record and submitted to the noted QST office). 2) Register for ENG EK691 Career Lab (ENG offers this 1cr course for students taking QST courses, which are 3 credits).
<b>Elective</b>	CASCS	511	A1	Formal Methods	Assaf Kfoury	4	LEC, LAB	Tue,Thu	9:30am	10:45am	Students must register for the LEC and LAB sections.
<b>Elective</b>	ENGEC	504	A1	Adv Data Struct	Kulis	4	IND	Tue,Thu	11:00am	12:45pm	Waitlist Link: <a href="https://bit.ly/3DJOO4b">https://bit.ly/3DJOO4b</a>
<b>Elective AND Practicum</b>	ENGEC	601	A1, A2	Prod Des Ece	Alshaykh	4	LEC, DISC	MW	04:30PM	06:15PM	
<b>ENG MGT</b>	ENGEK	690	A1	Career Lab	Bertrand	1	IND	Fri	2:30pm	4:15pm	A 1cr course offered by ENG for ENG students enrolled in 3cr QST courses.
<b>ENG MGT</b>	ENGEK	731	A1	Biomedical Innovation	Nijhawan	3	IND	Mon	06:30PM	09:15PM	Mts w/QST HM801 Mts w/LAW LA997

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ENG MGT	QSTSI	839	D1	Design Thinking and Innovation	TBA	3	IND	We	9:30am	12:15pm	1) Register using a QST Cross Enrollment Form, <a href="https://questromworld.bu.edu/grad/forms/">https://questromworld.bu.edu/grad/forms/</a> (should be signed by the instructor of record and submitted to the noted QST office). 2) Register for ENG EK690 Career Lab (ENG offers this 1cr course for students taking QST courses, which are 3 credits).
Practicum	ENGBE	700	A1	ADV TOPIC BIO	Kasif	var	IND	Tue,Thu	9:00am	10:45am	
Practicum	ENGEC	952	var	Dir Group Proj	var	var	DIR	Arranged			WebReg Restricted, Permission Required
<b>Variable Credit, Non-Standard Courses</b>											
Internship	ENGSE	810	A1	MS Phd Internship		var	DIR	ARR			WebReg Restricted, Permission Required. <b>Masters students:</b> Refer to "With Engineering Practice" section for required forms. <a href="https://www.bu.edu/eng/academics/resources/graduate-student-resources/grad-forms/">https://www.bu.edu/eng/academics/resources/graduate-student-resources/grad-forms/</a>
Masters Directed Study; Elective, Practicum	ENGSE	951	var	Indep Study (MS, MEng Only)		var	DIR	ARR			WebReg Restricted, Permission Required. <b>Must submit:</b> <a href="https://www.bu.edu/eng/files/2022/09/Petition-Form-Directed-Study-Independent-Coursework.pdf">https://www.bu.edu/eng/files/2022/09/Petition-Form-Directed-Study-Independent-Coursework.pdf</a>
Masters Mentored Project; Elective, Practicum	ENGSE	952	var	Mentored Proj (MS, MEng Only)		var	DIR	ARR			WebReg Restricted, Permission Required. <b>Must submit:</b> <a href="https://www.bu.edu/eng/files/2022/09/Petition-Form-Directed-Study-Independent-Coursework.pdf">https://www.bu.edu/eng/files/2022/09/Petition-Form-Directed-Study-Independent-Coursework.pdf</a>
Masters Thesis; Elective, Practicum	ENGSE	954	var	MS Thesis (MS Thesis Only)		var	DIR	ARR			WebReg Restricted, Permission Required. <b>Refer to Masters Handbook</b> for required forms for Thesis Track.
PhD Teaching Practice 1	ENGSE	801	A1	TEACH PRACT 1	Wang	4	DIR	ARR			WebReg Restricted, Permission Required.
PhD Teaching Practice 2	ENGSE	802	A1	TEACH PRACT 2	Wang	4	DIR	ARR			WebReg Restricted, Permission Required.
PhD Research	ENGSE	900	var	Research (PhD Only, Pre-Prospectus)		var	DIR	ARR			WebReg Restricted, Permission Required. <b>Must submit (first time):</b> <a href="https://www.bu.edu/eng/files/2022/09/Petition-Form-Directed-Study-Independent-Coursework.pdf">https://www.bu.edu/eng/files/2022/09/Petition-Form-Directed-Study-Independent-Coursework.pdf</a>