Harvard-MIT Health Sciences and Technology Contract for Technical Qualifying Exam (TQE)

Name:		Email:			
Advisor:		Research Advisor (if known):			
I. Concentrati	i on Area (ch	neck one):			
 □ Aeronautics & Astronautics □ Biological Engineering □ Brain & Cognitive Sciences □ Chemical Engineering 		 □ Chemistry □ Computer Science □ Electrical Engineering □ Materials Science & Engineering 	□ Mechanical Engineering□ Nuclear Science & Engineering□ Physics		
NOTE: Students wis written petition to the		ge their TQE concentration area after mmittee.	submission of this f	orm must submit a	
found on the back o	nich fulfills the f this form and	Selection requirements of your concentration area detailed information about each conce lics/memp/concentration-areas			
	Any student lis	d all students designate an additional su sting a TQE subject in which they have a ate subject.			
enrolled in the class to their TQE after ea	being added arning a grade	ges to their TQE class selections until Alto their TQE. Under no circumstances win the class. To make a change, email advisor by ADD date.	ill students be perm	nitted to add a class	
Subject number		Subject Title	Units*	Term/Year (eg. Spring 2017)	
				[ALTERNATE]	
* 42 units required,	may require 5	subjects in certain concentration areas.	1	•	
	so take Huma	quirements n Pathology (HST030/031 or HST034/ gineering and Medical Physics (HST5		TQE.	

Academic Advisor Signature/Date

Student Signature/Date

Aeronautics and Astronautics	Biological Engineering	Brain and Cognitive Sciences	Chemical E	ngineering
2.080J; 2.183J;	choose BOTH 20.420J and 20.440	choose ONE 9.011 or HST.131	choose at least TWO 10.40; 10.50; 10.65	
(16.32 or 6.7940); (16.31 or 16.338J); 16.422; 16.423J; 16.453J; 16.470; (16.851 or 16.89J); (16.910J or 6.920); 22.55J; HST.582J	choose at least ONE [20.C51J + 6.C51], 20.201; 20.405J; 20.410J; 20.415; 20.430J; 20.463J; 20.490	9.021J; 9.073J; 9.123J; 9.181J; 9.285J; 9.301J; 9.422J; 9.520J;	10.34; 10.531J; 10.537J; 10.538J; 10.539J; 10.542; 10.545; 10.546J; 10.55; 10.562J; 10.566; 10.568; 10.569; 10.595; 10.643J; 10.668J	
	20.203J; 20.215; 20.409; 20.446J; 20.452J; 20.465; 20.470J; 20.475; HST.507J; HST.508; HST.522J; HST.523J, HST.537J; HST.538J		Electrical Engineering choose TWO from one group and ONE from each of two additional groups. System Science and Control Eng. 6.C67; 6.3010; (6.7000 or 6.7010 or 6.8800J); (6.7100J or 6.7940); (6.7200J or 6.7210J); 6.8810J;	
Chemistry	Compute	er Science	HST.584J	
42 UNITS required, may need 5 subjects 5.05; 5.061; 5.062; 5.068; 5.44 5.45; 5.46; 5.511; 5.512; 5.52; 5.53; 5.54J; 5.56; 5.64J; 5.68J; 5.698J; 5.70J; 5.72; 5.73; 5.74; 5.78; 5.83; 7.51; 10.569; [20.C51J + 6.C51]; 20.201; 20.420J; 20.463J; 20.465; BCMP 250 (HU); CHEM 170 (HU)	Algorithms 6.1220J; 6.5210J; 6.5220J; 6.525 Probability/Statistics 6.7300J; 6.7700J; 6.7800; 6.7810 only); 9.520J; 15.077J; 16.391; H Applications 2.740, 6.4812J; 6.7920[J]; 6.8200 (6.8610J or 6.8620J or 6.8630J);	D; 6.7900; 6.5898 (FALL 2023 ST.460J; STAT 211 (HU) D; 6.8210; 6.8300; 6.8420;	Circuits and Electronic Systems 6.4861J; 6.6000; 6.6010; 6.6220 Information Science and Communication 6.7410; 6.7420; 6.7470; 6.7700J; 6.7710; (6.7800 or 6.7810); 6.7900; 6.8300 Electromagnetics 6.4832J; 6.6280; 6.6300; (6.6310 or 2.710); 6.6340J Physical Science and Engineering: 6.4812J; 6.6400; 6.6500J; 6.6510 Other (6.7300J or 6.7330J)	
Materials Science and Engineering		l Engineering	Nuclear Science and Engineering	Physics
Choose BOTH 3.20 and 3.21 3.22; 3.23; 3.40J; 3.46; 3.941J; 3.942; (3.963J or 3.971J)	or 2.151 or 2.153)*; 2.25; 2.37; 2 6.6310); 2.75J; (2.720 or 2.77); (2	h * 2.080J)*; (2.097J or 2.29)*; (2.140 .42; 2.55; 2.675, (2.710 or	42 UNITS required, may need 5 subjects 22.11; 22.12; 22.13; 22.14; 22.15; 22.51J; 22.55J	No more than TWO from the first group 8.591J; 8.592J; 8.593J 8.311; 8.321; 8.322; 8.333; 8.334; 8.351J; 8.421; 8.422; 8.511; 8.512; 8.613J; 8.701