

Bachelor of Engineering - Students Entering 2017 Fall Study Plan / Application for Candidacy (check one)

Stevens Institute of Technology Castle Point on Hudson Hoboken, NJ 07030 Office of the Registrar 201.216.5210 FAX 201.216.8030

(Appropriate for students who intend to apply to medical school)

Name: _			ID:	Class	: Box S	E-mail:		
Major C	Concentration Field: Biomedical Engineering			Secondary C	Concentration Field:			
You ma etc.). R	ons Please print or type. The primary purpose of this y then use it to track your own progress to the degree oman numerals indicate the standard curriculum time se number. Any courses taken elsewhere should be n	You shou schedule.	ld revise it as no	eeded. Please in ourses is given f	ndicate the term when you ex for a requirement, circle the a	xpect to take each course nu	urse (e.g., 2003 umber. For elec	3F, 2004S,
Term	Course	Credits	Grade	Term	Course		Credits	Grade
	TERM I				TERM III			
Ι	CH 115 - General Chemistry I	3.0		III	E 126 - Mechanics of Soli	ds	4.0	
Ι	CH 117 - General Chemistry Laboratory I	1.0		III	E 231 - Engineering Desig	n III	2.0	
Ι	E 101 - Engineering Experience I	1.0		III	E 245 - Circuits and Syste	ms	3.0	
Ι	E 115 - Introduction to Programming	2.0		III	MA 221 - Differential Equ	ations	4.0	
Ι	E 120 - Engineering Graphics	1.0		III	PEP 112 - Electricity and	Magnetism	3.0	
Ι	E 121 - Engineering Design I	2.0		III	Humanities ¹		3.0	
Ι	MA 121 – Differential Calculus	2.0						
Ι	MA 122 – Integral Calculus	2.0			TERM IV			
Ι	CAL 103 - CAL Colloquium	3.0		IV	BME 306 - Introduction to	Biomedical Engineering	ng 3.0	
				IV	BIO 281 - Biology and Bio	otechnology (no Lab)	3.0	
	TERM II			IV	E 232 - Engineering Desig	n IV	3.0	
II	CH 116 - General Chemistry II	3.0		IV	E 234 - Introduction to The	ermodynamics	3.0	
II	CH 118 - General Chemistry Laboratory II	1.0		IV	E 344 - Materials Processi	ng	3.0	
II	E 122 - Engineering Design II	2.0		IV	MA 227 - Multivariate Ca	lculus	3.0	
II	MA 123 - Series, Vectors and Surfaces	2.0						
II	MA 124 - Calculus of Two Variables	2.0						
II	PEP 111 - Mechanics	3.0						
II	MGT 103 - Introduction to Entrepreneurial Thinking	2.0						
II	CAL 105 CAL Colloquium	3.0						
Student Signature:					Date:		□ Original □	Revision
Faculty Advisor Signature:					Date:		□ 2 nd Degree	
	ords Auditor:							
Page 1 of	2					_	Gray Sequence	ce (August 2017)



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Name:		ID:	Class:	Box S	E-mail:	
Major Co	ncentration Field: Biomedical Engineering	2		ncentration Field:		
Term	Course TERM V	Credits Grade	Term Co	ourse Credits Grade TERM VII		
V	TERM V BME 322 - Engineering Design VI BME 342 - Transport in Biological Systems CH 243 - Organic Chemistry I CH 245 - Organic Chemistry Laboratory I CH 381 Cell Biology E 243 - Probability & Statistics for Engineers Humanities TERM VI BME 460 - Digital Signal Processing BME 505 - Biomaterials BME 506 - Biomechanics E 321 - Engineering Design V E 355 - Engineering Economics General Elective ²	2.0 4.0 3.0 1.0 4.0 3.0 3.0 2.0 3.0 2.0 4.0 3.0 2.0 4.0 3.0	VII VII VII VII VII VII VII VIII VIII VIII VIII VIII VIII VIII VIII VIII	BME 423 - Senior Design BME 482 - Engineering F BME 504 - Medical Instr BME 556 - Advanced Bio IDE 400- Senior Innovati IDE 401 - Senior Innovat Humanities ¹ TERM VIII BME 424 - Senior Design BME 445 - Biosystems S BME 453 - Bioethics IDE 402 - Senior Innovat General Elective ² Humanities ¹	Physiology umentation & Imaging omechanics on I 5 ion II	3.0
NOTES: 1. The fo course 2. Genera researc 3. Four Pl the PE 4. Additic graduat mark X case it 5. Biomec	Courses ³	ines in CAL, with at least one applied towards a minor, etics may be applied towards ied toward a minor or a r from change in field of study; elective in term VI, in which 401, in Term VII	III IV VI VI	PEP 221 - Physics I Lab PEP 222 - Physics II Lab CH 244 Organic Chemist CH 246 Organic Chemist	try II ⁴ try II Laboratory	1.0 1.0 3.0
	dvisor Signature:					
	rds Auditor:					