

**College of Technology — Engineering Technology Degree Plan
Computational Health Informatics — CHI Track**

Enrolled:	
Fall	_____
Spring	_____

Student Name: _____

Student ID #: _____

- Degree option (check one):
- Thesis** (6 core credits/18 prescribed & free electives credits/6 research credits)
 - Project** (6 core credits/21 prescribed & free electives credits/3 research credits)
 - Course only** (6 core credits/24 prescribed & free electives credits)

Course ID	Core Courses — 6 hours	Replaced: CourseID/Name/Approved	Cr	Semester	Grade
ELET 6350	Intro to Computational Health Informatics		3		
ELET 6351	Biomedical Data Mining		3		
Core Total					

Course ID	Prescribed Electives — 12 hrs (minimum)	Replaced: CourseID/Name/Approved	Cr	Semester	Grade
ELET 6331	Fundamentals of Medical Imaging		3		
ELET 6332	Physiological Modeling and Simulations		3		
ELET 6352	MATLAB for Engineering Technology		3		
ELET 6353	Applied Statistics for Technology		3		
ELET 6354	Biomedical Image Analysis		3		
ELET 6355	Biomedical Signal Analysis		3		
ELET 6356	Health Analytics and Visualization		3		
ELET 6357	Research methods in Health Informatics		3		
ELET 6358	Optical Brain Imaging		3		
Prescribed Electives Total					

Course ID	Free Electives (approved list)	Cr	Semester	Grade
ELET 6300	Computer Network Programming	3		
ELET 6305	Analytical Methods in Eng. Technology	3		
ELET 6308	Mobile Computing	3		
ELET 6325	Practicum in Engineering Technology	3		
BTEC 6304	Computational Methods in Biotechnology	3		
FORE 6311	Introduction to Foresight	3		
CIS 6321	Introduction to Information System Security	3		
CIS 6322	Secure Enterprise Computing	3		
MIS 7373	Business Applications of Data Base Management Systems	3		
MIS 7376	Systems Analysis and Design	3		
MIS 7397	Predictive Analytics	3		
ENTR 7390	Introduction to Technology Entrepreneurship			
Free Electives Total				

Course ID	Free Electives (petition for courses not on the approved list above)	Cr	Semester	Grade
Free Electives Total				

Course ID	Research (Thesis/Project)	Cr	Semester	Grade
ELET 6399-1	Master's Thesis	3		
ELET 6399-2	Master's Thesis	3		
ELET 6396	Master's Project	3		
Research Total				
TOTAL CREDIT HOURS			30	