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Healthcare Engr Tech Mgmt AS

IU Indianapolis School of Engr & Tech (TECH)

Career Options [| Financial Aid Options [|

Student's Catalog Year: Fall 2022-Summer 2024

Total Degree Map Credits: 67

Description: Healthcare Engineering Technology Management is a program that focuses on the safe and effective use of medical equipment in the clinical setting. Almost all graduates work in hospitals as members of the patient care team, supporting medical staff as they utilize technology for diagnosis and treatment. The focus of the curriculum is on the electronics and networking integral to the myriad of devices and systems critical to contemporary healthcare.

- Critical Courses: Courses that students should complete by specific points during their degree or certificate program.
- Milestones: Conditions or activities that students should complete by specific points during their degree or certificate program.

Completing a critical course or milestone by the associated term is considered crucial to on-time graduation.

Year One (34 credits)

Fall Term	Minimum Grade	Credits	*	
ECET 10900 - Digital Fundamentals c		3	^	
Critical Course Course Details: P or C: MATH 11100 or Instructor permission Required Semester of Completion: Year 1, Fall				
TECH 10500 - Intro to Engineering Technology		3	^	
Critical Course Course Details: P or C: MATH Required Semester of Comp			1	
MATH 15300 - Algebra and Trigonometry I	С	3	^	
Course Details: Also meets Gen Ed Analytical Reasoning (Math) P: MATH 11100 with a C or better or an appropriate ALEKS placement score. Required Semester of Completion: Year 1, Fall				
ENG-W 131 - English Composition		3	^	

Spring Term	Minimum Grade	Credits	*
ECET 10700 - Intro to Circuit Analysis c		4	^
Critical Course Course Details: P: TECH 10500 AND C: placement into MATH 15300 Required Semester of Completion: Year 1, Spring			
ECET 15500 - Digital Fundamentals II		3	^
Course Details: P: ECET 10900 Required Semester of Complete		, Spring	
MATH 15400 - Algebra and Trigonometry II	С	3	^
Course Details: Also meets Gen Ed Analytical Reasoning (Other) P: MATH 15300 with a grade of C or better within the last three semesters Required Semester of Completion: Year 1, Spring			
COMM-R 110 - Public Speaking		3	^

Course Details: Also meets Gen Ed Core Communication ¿ Writing Competency Required Semester of Completion: Year 1, Fall Arts & Humanities OR Social 3 Science Elective Course Details: Also meets the General Education Arts and Humanities OR Social Science Competency Required Semester of Completion: Year 1, Fall First Year Seminar M Milestone Details: It is strongly encouraged that students take TECH 10200 or another First Year Seminar during this semester. Required Semester of Completion: Year 1, Fall Total 15

Course Details: Also meets the General Education Speaking & Listening Competency Required Semester of Completion: Year 1, Spring HETM 22000 - Applied Human 3 Biology for HETM C **Critical Course** Course Details: P: ENG-W 131 Required Semester of Completion: Year 1, Spring Arts & Humanities Elective 3 Course Details: Also meets the General Education Arts and Humanities Competency Required Semester of Completion: Year 3, Spring Civics Literacy Requirement Reminder M Milestone Details: In June 2021, the Purdue University Board of Trustees adopted a civics literacy graduation requirement for undergraduates, including

all transfer students, to enhance the educational experience of students and to graduate a more informed citizenry. Students admitted to an IUPUI Purdue program beginning Fall 2022 must complete this requirement. You can see the full details of this requirement at http://due.iupui.edu/civics-literacy Required Semester of Completion: Year 1, Spring

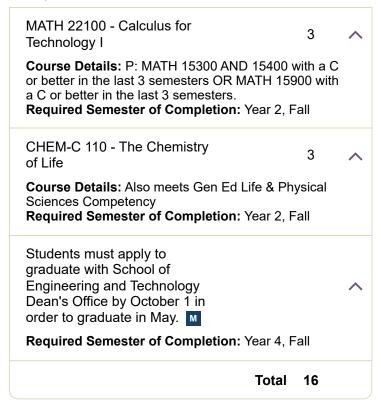
Total 19

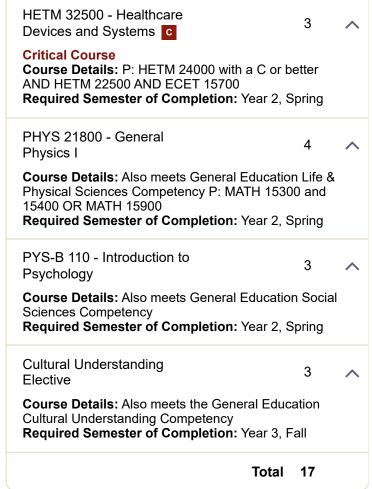
Year Two (33 credits)

Fall Term	Minimum Grade	Credits	*
HETM 22500 - Healthcare Technology Diagnostics and Repair		3	^
Course Details: P: ECET 10900 Required Semester of Complet	ion: Year 2	, Fall	
HETM 24000 - The Technology of Patient Care	С	3	^
Critical Course Course Details: P: HETM 22000 Required Semester of Complet			
ECET 15700 - Electronic Circuit Analysis c		4	^
Critical Course Course Details: P: ECET 10700	and MATH	15300	

Required Semester of Completion: Year 2, Fall

Spring Term	Minimum Grade	Credits	*	
HETM 20200 - Network and Data Communication for Healthcare Equipment		3	^	
Course Details: P: ECET 10900 Required Semester of Complet		, Spring		
HETM 29500 - HETM Internship		1	^	
Course Details: P: HETM 24000 with a grade of C or better AND Cum. GPA of 2.0 AND C: HETM 32500. While it is strongly encouraged that students complete HETM 29500 to gain valuable real-world experience, students who cannot complete an internship may take OLS 33100(3 cr., Occupational Safety and Health) to satisfy this requirement. Required Semester of Completion: Year 2, Spring				





Degree Map Link:

https://sisjee.iu.edu/sisigps-prd/web/igps/dm/public/maps/view?mapId=de3d8783-6e45-4a81-93c0-045e26b807e1

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Achieving minimum grades for individual courses may not result in meeting cumulative GPA requirements for admission to programs or for graduation. Verify requirements with your academic advisor or your Academic Advisement Report (AAR).

Completing 30 credit hours each calendar year is required for full state financial aid eligibility. Be sure to complete your FAFSA before March 10 each year. If you follow your map and find a course unavailable, you may be eligible to take that course for free in a future semester.

More information about the free course guarantee.