

IBEHS 4E09 Thesis Evaluation Structures

The student should discuss the evaluation criteria with their supervisor to ensure that there is clarity. You are strongly encouraged to include a midpoint progress evaluation in December worth 10-20% of the final grade so that you will know whether you are progressing well and meeting expectations. Below are some evaluation structures used in the past.

Research proposal - 5% Literature review - 15% Draft of thesis- 10% Thesis - 40% Work for data collection - 20% Final presentation - 10%	Background evaluation and data planning - 30% Database completion - 20% Analysis - 20% Presentation - 15% Original hypothesis/planning - 15%	PICO development - 25% Systematic research completion - 10% Filtering articles - 10% Systematic review table - 25% Abstract and results - 15% Manuscript - 15%
Early assessment feedback - 10% Literature review - 20% Progress presentation - 20% Final thesis - 50%	Critical literature review - 20% Experimental design - 5% Experimental procedure - 10% Data gathering - 10% Data analysis - 5% Weekly communications - 10% Final report - 40%	Final paper- 50% Final presentation - 25% Lab performance - 25%
Lab meeting attendance - 10% Foundations on gait analysis - 15% Research methods - 15% Data analysis - 10% Final presentation - 20% Written thesis proposal - 30%	Project plan - 25% Depth, comprehension, and problem-solving - 35% Report and background - 25% Literature references and documentation - 15%	Market assessment of bioink manufacturing - 10% Market assessment of bioprinters - 10% Market assessment of companies selling tissue - 10% Patient landscape analysis - 10% Wet lab execution - 10% Weekly update meetings - 10% Final presentation and report - 40%
Final report - 30% Hands-on lab work - 30% Participation during group meetings - 20% Communication skills - 10%	Lab meeting attendance - 10% Assessment on foundation - 15% Coding and analysis - 25% Research documentation for reproducibility - 25%	Refining the scope of the project (business models, etc.) - 30% Build a backend database to assist in clinical data collection - 30%

Time management - 10%	Final presentation - 15%	Assist research team with clinical study - 40%
Thesis report - 70% Journal paper based on experimental work - 30%	Research proposal/literature review - 15% Mid-year report - 25% Written thesis - 25% Work performed to collect & analyze data - 35%	Literature review - 30% Participation - 20% Written thesis - 40% Oral presentation - 10%
Literature review - 20% Data management plan - 10% Research progress update (December) - 15% Research progress update (March) - 15% Final report - 30% Lab book/data records - 10%	Lab performance - 50% Midterm presentation - 10% Final presentation - 20% Final report - 20%	Meeting participation - 15% Timeline and progression - 15% Reading list completion - 20% Drafting proposal - 20% Final paper - 30%
Literature review - 15% Design - 20% Experimentation - 40% Validation and analysis - 25%	Literature review - 15% Project proposal - 15% Project management - 10% Lab work - 20% Final report - 35% Health and safety training - 5%	Proposal - 10% HIREB approval forms - 10% Data collection - 30% Data analysis - 20% Abstract prep - 10% Manuscript - 10%
3-minute thesis - 5% Research summary - 20% Thesis early assessment - 20% Final thesis - 45% Conference presentation 10%	Experimental performance - 50% Lab performance - 10% Presentations - 20% Data analysis and reports - 20%	Literature review - 20% Weekly reports - 10% Group meeting presentations - 5% Lab performance - 20% Mid-term report - 5% Final report - 20% Final presentation - 20%

Project management - 30%	Proposal - 10%	Meeting prep - 20%
Experimental design - 10%	Proposal presentation - 10%	Question preparation - 20%
Data analysis - 10%	Literature review - 20%	Abstract preparation and final report - 20%
Effective communication - 10%	Final presentation - 20%	Meeting organization - 20%
Written reports - 40%	Final paper - 20%	Poster day presentation - 20%
	Lab participation – 20%	
Contribution to scientific knowledge - 65%	Literature review - 30%	3-minute thesis - 10%
Teamwork - 20%	Lab performance - 40%	Abstract - 10%
Integrity towards patients and patient materials - 15%	Final report - 30%	Poster - 30%
		Thesis paper - 50%
Timeline - 15%	Defining phenomenon studied - 10%	Oral presentation - 10%
Research ethics submission - 15%	Justifying topic choice - 10%	Research proposal document - 30%
Data collection and analysis - 15%	Presenting research question - 10%	Oral presentation of thesis - 20%
Update and self-evaluation - 10%	Describe data collection method - 10%	Overall performance appraisal - 10%
Abstract and conclusions - 15%	Choosing and reporting data - 10%	Final written thesis - 30%
3MT - 5%	Quality of final report - 25%	
Final report and self-assessment - 25%	Student work/involvement - 25%	
Final written thesis - 45%	Experimental performance - 50%	Final report - 100%
Lab work - 35%	Lab performance - 10%	
Technical Presentation (April) - 15%	Presentations - 20%	
3-minute thesis – 5%	Data analysis & reporting - 20%	
Literature review - 15%	Problem validation - 20%	Design literature review - 15%
Recruitment for study - 5%	Product strategy - 10%	User research - 15%
Survey (design + execution) - 15%	Product requirement - 20%	Synthesis - 15%
Focus group (design + execution) - 15%	Implementation of solution - 20%	Prototyping - 15%
Analysis - 25%	Success metrics - 10%	Testing - 15%
Project management - 10%	Final presentation - 20%	Final outputs (report/presentation) - 20%
Final report - 15%		Effective communication - 5%

<p>Lab presentations - 25%</p> <p>Lab notebook/skills - 10%</p> <p>Mid-year thesis - 10%</p> <p>Final thesis - 40%</p> <p>Literature review - 15%</p>	<p>Start of year reflection - 5%</p> <p>Literature review - 15%</p> <p>Group meetings - 15%</p> <p>Mid-term report - 25%</p> <p>Final report - 35%</p> <p>End of year reflection - 5%</p>	<p>Literature review - 20%</p> <p>Generate testing protocol (experimental design) - 5%</p> <p>Debug and follow protocol - 10%</p> <p>Summarize data - 10%</p> <p>Develop data conclusions - 5%</p> <p>Communicate progress - 10%</p> <p>Final report - 40%</p>
<p>Project work - 40%</p> <p>Progress updates - 10%</p> <p>Written report - 45%</p> <p>Thesis presentation - 5%</p>	<p>Literature Review - 16%</p> <p>Research/Study design - 16%</p> <p>Analysis - 16%</p> <p>Findings - 16%</p> <p>Conclusion - 20%</p> <p>Recommendations - 16%</p>	<p>Weekly meeting participation - 10%</p> <p>Running statistical tests of collected data - 20%</p> <p>Interpretation of results - 30%</p> <p>Preparation of manuscript for publication - 30%</p> <p>Professionalism and adherence to guidelines - 10%</p>
<p>Alliteration review, thesis proposal, introduction draft - 17.5%</p> <p>Model construction - 12.5%</p> <p>Methods + results draft - 12.5%</p> <p>Discussion and conclusion draft - 12.5%</p> <p>Final thesis - 20%</p> <p>Final presentation - 12.5%</p> <p>Professional and scientific inquiry evaluation - 12.5%</p>	<p>Problem statement - 10%</p> <p>Literature review - 20%</p> <p>Algorithm development – 25%</p> <p>2 in-lab group presentations - 20%</p> <p>Final report/manuscript draft - 25%</p>	<p>Lab skills and presentations - 35%</p> <p>Final thesis presentation - 15%</p> <p>Thesis introduction - 10%</p> <p>Midyear thesis report - 20%</p> <p>Final thesis report – 20%</p>

Lab performance - 50%	HIREB Application - 20%	Background evaluation and data planning - 30%
Thesis report - 50%	Midterm report - 10%	Database completion - 20%
	Data gathering and analysis - 15%	Analysis - 20%
	Communications and collaboration - 15%	Presentation - 15%
	Final report - 40%	Original hypothesis/planning - 15%
Final report - 25%	Weekly meetings and reports - 30%	REB Proposal - 10%
Final product - 25%	Monthly lab presentation - 30%	Term 1 reflection - 10%
Research - 25%	Final report - 40%	Term 2 mini presentation - 10%
Communication and presentation - 15%		Year-end reflection - 10%
Development and contribution - 10%		Final paper - 30%
		Final presentation – 30%
