

B.Sc.(Med)Program

Frequently Asked Questions

<p>What is the B.Sc.(Med) Program?</p>	<p>The BSc(Med) Program is a 2 year sponsored research course that allows undergraduate trainees from the University of Manitoba to participate in research with a supervisor at the University of Manitoba. The BSc(Med) Program has a long history at the University of Manitoba. The projects that are available for trainees are either in the basic sciences or in clinical medicine. As part of the BSc(Med) Program, one half day per week of clinical exposure is also required. This is to allow trainees the opportunity to experience both research and clinical medicine over the first and second summers of their undergraduate training. The goal of the BSc(Med) Program is to allow trainees to experience research and all aspects pertaining to research, specifically, the process of drafting and submitting a research proposal to the BSc(Med) committee (via online application), and the Ethics Committee http://umanitoba.ca/faculties/medicine/ethics/2688.html for formal approval, participating in the online research ethics course http://umanitoba.ca/faculties/medicine/ethics/ethics_tutorial.html ,participate in the actual research project, present the data at the BSc(Med) dissertation day during the 3rd week of August of the 2nd year of the research program, and ideally prepare a manuscript for publication and abstracts for presentation at a national or international meeting.</p>
<p>Why should I participate in this program?</p>	<p>The Program provides a unique opportunity for trainees in the first and second year of their undergraduate medical education. The goal of the BSc(Med)Program is to provide trainees with an experience in all aspects of research. The trainee and supervisor work in conjunction to find a project that is suitable then formulate the experimental protocol, including submission of the protocol to the Research Ethics Committee of the Bannatyne Campus and then undertake the project. Once the project is completed, the trainee will present their findings at the B.Sc.(Med) Dissertation Event. If the data is of sufficient quality and quantity, it is anticipated that the trainee will work with the supervisor to complete a formal manuscript for submission to a peer reviewed journal.</p> <p>The Degree Program is unique to the University of Manitoba and is formally acknowledged on the university transcript. Participation in the project and any presentations, prizes and manuscripts that arise from this participation, should be appropriately acknowledged in the trainee's <i>Curriculum vitae</i>.</p>
<p>What are the expectations of the trainee and their supervisor?</p>	<p>The expectations of the trainee and the supervisor are to communicate directly, strategize and proactively map out the project timeline and deliverables. Supervision, guidance and mentorship accomplished through joint interaction. The expectation of the trainee and the supervisor are to work collaboratively to select and draft a research protocol that is of appropriate scope and breadth for completion over the first and second years of the trainee's undergraduate medical education. As outlined in "Why Should I Participate in this Program?" The project allows for the trainee to experience all aspects of biomedical research. It is expected that the trainee will participate in all aspects of the research project from helping to formulate and draft the research protocol to drafting the final project summary and manuscript. The trainee and supervisor will work closely in a collaborative fashion to ensure completion of the project.</p> <p>There is no defined minimum or maximum number of hours that are required other than what is needed.</p>

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	<p>to ensure a high quality experience for the student and the successful completion of the B.Sc.(Med) Program.</p> <p>There is a clinical component to the program of which the supervisor will arrange and ensure the quality of the experience matches the goal of the project and the program. There is a minimum requirement of 4 hours per week (averaging over the term/program permitted).</p>
<p>For projects where medical records are required how can they be accessed, and what are the charges?</p>	<p>All charges for medical record retrieval are waived for B.Sc.(Med)projects. A formal request must be made of Medical Records Departments where the project is being undertaken. If there are any questions as to the protocol, the Director of the Medical Records Department must be contacted and a formal discussion undertaken by the trainees/supervisor about the project and the appropriate forms that must be completed to ensure that records can be retrieved.</p>
<p>Are there awards for participants in the B.Sc.(Med) Program?</p>	<p>Students are eligible for awards based on their dissertation/final report. The awards ceremony is held in September at the Celebration of the BScMed Program and Joe Doupe Lecture Series Event. There are a number of awards for which trainees are eligible, specifically there are interim awards and awards based upon dissertation/final report. These awards are duly acknowledged on the trainee's transcript. The awards are based upon merit of the project.</p>
<p>What is the format for the application and submission of final report?</p>	<p>The format for both the initial and final submission are outlined in the Guidelines document posted on the website it <u>is the responsibility of the student and supervisor to prepare the submissions in compliance with these guidelines . Submissions that are not in the required format will not be accepted</u></p>
<p>How do I start the application process?</p>	<p>The student will browse the abstracts on the web and contact the respective supervisor. Students may also find a suitable project and supervisor on their own. The Primary Supervisor must have an appointment within the Faculty of Medicine. Once matched, the student and supervisor jointly complete an online application. <u>If the student has an idea for an area of investigation, or if a topic in which the student is interested is not posted in the abstracts that have been submitted, the student is at liberty to independently contact a potential supervisor to explore research possibilities and prepare a research proposal that was not otherwise in the collection of available abstracts.</u></p>

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What are the timelines for the program (from application to acceptance and completion of program)

Each year the term will have a different start and end date but will always be towards the end of May and ending in late August. The program is 13 weeks per term (2 weeks paid vacation included), 2 terms over 2 summers. Each year the timelines will vary slightly but generally will follow this outline:

Application Process:

- August/September prior to trainee initiating project: Call for ideas/abstracts from potential researcher supervisors.
- Mid-September: Abstracts/project ideas posted on B.Sc.(Med)website.
October/November trainees and supervisors meet to discuss projects and formulate committee as required.
- Early December program application due
- Mid December- Mid February decision regarding the BSc(Med) project will be sent to the student and supervisor (accepted, needs more information, rejected).
- May 1 all documents due to the programming office (ethics, biosafety, direct deposit forms etc.)
- First Monday in June start BSc(Med), 3rd Friday in August last day of BSc(Med) term
- BSc(Med) final report due on the Friday at midnight BEFORE the long weekend, Undergraduate Medical Student Research Symposium 3rd Thursday in August

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	<ul style="list-style-type: none"> • December: B.Sc.(Med)Committee meets to review applications; provides feedback to trainees and supervisors • January: trainee/supervisor respond to B.Sc.(Med)Committee commentary and provide a summary of necessary changes and a revised protocol if needed. Project approval provided in principle pending Ethics review and approval. • February – March: Program documentation completed (i.e. payroll, ethics approval, etc.) • May: Summer of first year project is initiated. • End of 1st term evaluation report due (TBA) at end of first term. Evaluation is completed by supervisor with input and review by the student. Deadline will be announced. <p>2nd Year:</p> <ul style="list-style-type: none"> • January: Call for submission for Mid-Term Manitoba Medical Service Foundation Awards for B.Sc.(Med) students who have completed their 1st year. Applications will be reviewed and specific projects awarded based on the award application. Award winners will be announced at the Joe Doupe Memorial Lecture Series event held each September. • Summer: Trainee and supervisor should strive to finish research in June and complete project report/manuscript in July for submission of project by the posted date in August. • 3rd week of August: B.Sc.(Med) presentation at Undergraduate Medical Student Research Symposium. • Final evaluation form due in September. Completed by supervisor with input and review by student. Program and supervision evaluation form completed by student due in September. • Upon successful completion of the B.Sc.(Med)program, degree convocation will take place at the time of the MD degree convocation.
<p>Is Ethics approval necessary for my project?</p>	<p>All projects must clearly state whether Ethics approval has been received, applied for or not necessary. Details surrounding Ethics approval can be found on the University of Manitoba Bannatyne Campus Ethics Committee website at http://umanitoba.ca/faculties/medicine/ethics/</p> <p>All supervisors and students must submit their certificate of completion of the Ethics course (CORE) as well as the University of Manitoba ethical approval documents. Projects cannot be approved unless Ethics approval (or reason why project does not require Ethics approval), and the certificate of completion of the Research Ethics course are provided.</p>