

# Evidence Based Medicine (EBM) Roadmap

## Year 1 Foundations (MEDC 136 and MEDC 146)

### Introductory Block

This section provides an introduction to EBM concepts including:

- Introduction to research/EBM
- Asking a question
- Epidemiology concepts
- Study designs
- MEDLINE searching
- Qualitative methods
- Quantitative methods

### Case-based learning/EBM

Building on the introductory block, these small group sessions link clinical cases with EBM. Topics include:

- Measures of association
- Randomized controlled trials
- Diagnostic testing studies
- Patient websites
- Etiology/observational studies
- Prognosis studies
- Bodies of evidence

In term 2, each student is asked to do a journal club presentation bringing together the skills and knowledge acquired in the previous cases.

## Year 2 Foundations (MEDC 236 and MEDC 246)

### Case-based learning/EBM

These small group sessions link clinical cases with EBM. Topics include:

- Qualitative studies
- Mixed method studies
- Patient/community engaged studies
- Point of care tools
- Secondary data use
- Quality improvement

In term 4, each student is asked to do a journal club presentation bringing together the skills and knowledge acquired in the previous cases.

## Year 3

- Critical appraisal in core rotations
- Saskatchewan Longitudinal Integrated Clerkship

## Year 4

- Research electives

## Additional Requirements

- TCPS 2 Core Tutorial on ethical conduct for research involving humans
- McMaster University Online Chart Review Course