# Content Outline & Major Topics

**Etymology, History and Philosophy of Research**

**Topic 1:** Research Semantics and Rhetoric  
**Topic 2:** Histories of Research  
**Topic 3:** Philosophies of Research and Epistemology

**Writing & Style, Theory & Theoretical Frameworks, Literature Reviews**

**Topic 4:** Writing, Style, Literature Reviews & Theoretical Frameworks

**Research Ethics & Law**

**Topic 5:** Research Ethics & Law

**Research Participants (Human & Non-Human Subjects)**

**Topic 6:** Participation, Sampling and Recruitment

**Research Problems & Research Policy: Funding, Research Topics, Designs & Proposals**

**Topic 7:** Searching and Filtering  
**Topic 8:** Dimensioning Phenomena: Tracking, Mapping, & Framing  
**Topic 9:** Research Problems & Funding, Audiences, Topics & Proposals

**Research 2.0 Research Media and Technologies**

**Topic 10:** Research Applications and Devices  
**Topic 11:** Research Networks and Newstories  
**Topic 12:** Big Data/bases, Analytics and Semantic Web

**Research Methods, Methodologies & Psychometrics**

**Topic 13:** Qualitative Methods  
**Topic 14:** Quantitative Methods  
**Topic 15:** Mixed Methods

**Data Collection, Coding, Analysis & Visualization**

**Topic 16:** Instrumentation and Protocols  
**Topic 17:** Data Collection  
**Topic 18:** Data Coding, Analysis, and Visualization

**Research Engagement, Knowledge Mobilization & Research Metrics & Impact**

**Topic 19:** Research Communication, Writing and Reporting, and Rating (Bibliometrics)  
**Topic 20:** Research Presenting and Research Rhetoric