

Dalhousie University

Department of Mathematics & Statistics

Accredited courses that may be used towards the A.Stat. designation

Module	Course	
Mathematics Modules		
1. Calculus I	Either of MATH 1000.03: Differential and Integral Calculus I or MATH 1215.03: Calculus for Life Sciences, and MATH 1010.03: Differential and Integral Calculus II OR MATH 1500.06: Calculus	
2. Calculus II	MATH 2001.03: Intermediate Calculus I and MATH 2002.03: Intermediate Calculus II	
3. Linear Algebra	MATH 2030.03: Matrix Theory and Linear Algebra I and either MATH 2040.03: Linear Algebra II or MATH 2135.03: Linear Algebra	
Statistics and probability modules		
4. Mathematical Statistics	Both STAT 3360.03: Probability and STAT 3460.03: Intermediate Statistical Theory OR STAT 4066.03: Advanced Statistical Theory I	
5. Linear Regression	STAT 3340.03: Regression and Analysis of Variance	
6. Design of Experiments	STAT 3350.03: Design of Experiments	(If only one of these two courses is taken, the other must be replaced by a course from the list below.)
7. Survey Sampling	STAT 3380.03: Sample Survey Methods	
8. Electives	Select three from STAT 4100/5100: Survival Analysis STAT 4130/5130: Bayesian Data Analysis STAT 4350/5350: Multivariate Analysis STAT 4370/5370: Stochastic Processes STAT 4390/5390: Time Series Analysis STAT 4620/5620: Data Analysis STAT 4703 OR STAT 4720: Actuarial Science STAT 5067: Advanced Statistical Theory II STAT 5550: Longitudinal Data Analysis STAT 5630: Methods for Molecular Evolution: STAT 5750: Statistical Data Mining STAT 4300/5300: Topics in Statistics and Probability STAT 5500: Topics in Advanced Statistics	

Dalhousie University

Department of Mathematics & Statistics

Computer Skills	
9. Computer skills I	CSCI 1100.03: Computer Science I
10. Computer skills II	CSCI 1101.03: Computer Science II
Communication Skills	
11. Communication skills	<p>ENGL 1100.03: Writing for University OR any two of the following courses.</p> <p>CLAS 1010.06: Ancient History: CLAS 1100.06: Gods, Heroes, and Monsters: Ancient Mythology ENGL 1000.06: Introduction to Literature JOUR 1001.06: Foundations of Journalism PHIL 1010.06: Introduction to Philosophy POLI 1103.06: Introduction to Government and Politics SUST 1000.06: Introduction to Environment, Sustainability and Society I HIST 1510.06: History of the Future ENGL 1010.03: Prose and Fiction ENGL 1020.03: Poetry and Drama: ENGL 1040.03: Reading Popular Culture ENGL 1050.03: Pulp Fiction HIST 1022.03: European History I HIST 1023.03: European History II HIST 1503.03: Comparative Global History, HIST 1504.03: Origins of Modern Global Society, HIST 1006.03: The Idea of the Past (NOTE: These are all approved as Writing Requirements for BSc degrees at Dalhousie)</p>
Substantive Area	
12. Course 1	A 3 course minor in a subject other than MATH or STAT OR any 3 courses at the 3000+ level from one subject other than MATH or STAT
13. Course 2	
14. Course 3	

Expiry date: 29 September 2021 .