ECONOMICS-STATISTICS, B.A. JOINT HONOURS

Degree Requirements

Course	Title	Hours
Year 1		
One of the following pairs of Introductory Economics courses:		6
Both of:		
ECON 1010 & ECON 1020	Introduction to Microeconomic Principles and Introduction to Macroeconomic Principles	
or both of:		
ECON 1210 & ECON 1220	Introduction to Canadian Economic Issues and Policies and Introduction to Global and Environmental Economic Issues and Policies	
MATH 1220	Linear Algebra 1 [1]	3
MATH 1230	Differential Calculus [1]	3
MATH 1232	Integral Calculus [1]	3
MATH 1240	Elementary Discrete Mathematics [1]	3
STAT 1150	Introduction to Statistics and Computing [1]	3
COMP 1010	Introductory Computer Science 1 [1]	3
6 credit hours of electives which should include the required "Written English" course		6
Hours		**30**
Year 2		
ECON 2010	Microeconomic Theory 1	3
ECON 2020	Macroeconomic Theory 1	3
STAT 2150	Statistics and Computing	3
STAT 2300	Principles of Data Collection	3
STAT 2400	Introduction to Probability 1	3
STAT 2800	Introduction to Probability 2	3
MATH 2080	Introduction to Analysis	3
MATH 2150	Multivariable Calculus [1]	3
6 credit hours of approved Economics electives [2]		6
Hours		**30**
Year 3		
ECON 3010	Microeconomic Theory 2	3
ECON 3020	Macroeconomic Theory 2	3
STAT 3100	Introduction to Statistical Inference	3
STAT 3150	Statistical Computing	3
STAT 3450	Linear Models	3
MATH 2160	Numerical Analysis 1	3
MATH 3610	Introduction to Mathematical Modelling	3
3 credit hours of approved Economics electives [2]		3
6 credit hours of approved Statistics electives [3]		6
Hours		**30**
Year 4		
ECON 4040	Seminar in Applied Econometrics	3
ECON 4042	Topics in Econometrics	3
STAT 4100	Statistical Inference	3
12 credit hours of approved Economics electives [2]		12
9 credit hours of approved Statistics electives [3]		9
Refer to the information directly below this list for other important degree requirements students need to complete prior to graduation		
Hours		**30**
Total Hours		**120**

[1]   The following substitutions are allowed: COMP 1012 in place of COMP 1010, MATH 1210 (B) or MATH 1300 (C+) in place of MATH 1220, MATH 1500 (B) or MATH 1524 (B) or the former MATH 1520 (B) in place of MATH 1230, MATH 1700 (B) in place of MATH 1232, MATH 2720 in place of MATH 2150, STAT 1000 and STAT 2000 (B) or STAT 2220 in place of STAT 1150. Students must attain specific grade requirements in order to meet the upper level course prerequisites. Consult course descriptions for further information.

[2]   Of the 21 credit hours of electives in Economics in Years 2, 3 and 4, no more than 6 credit hours may be at the 2000 level or below; ECON 2030 and ECON 3040 are recommended in Year 2 or 3. The normal prerequisite for ECON 3040 is ECON 2040, which will be waived for students in this program who have completed Year 1.

[3]   The 15 credit hours of electives in Statistics in Years 3 and 4 must all be at the 3000 level or higher, at least 9 of which must be at the 4000 level. The following courses are recommended: STAT 3030, STAT 3490, STAT 3550, STAT 3690, STAT 4150, STAT

While completing the courses listed above, students in the B.A. Honours Degree program must satisfy the University's Written English (W) and Mathematics (M) requirements, plus the following Faculty requirements in order to graduate:

Four Faculty Requirements for Graduating with a B.A. Honours Degree

It should be noted that not every department has an Honours Degree program. For specific information on available Honours programs, please consult the specific listing (https://catalog.umanitoba.ca/undergraduate-studies/arts/#programstext) for the relevant department.

Note: Students in an Honours Degree program who satisfy the requirements for a Minor (in accordance with the Minor (https://catalog.umanitoba.ca/undergraduate-studies/arts/#Arts-Honours-Minor) requirements listed under the B.A. General Degree, may request to have the Minor recorded on their transcript. These students must come to the Faculty of Arts General Office to formally declare their intention to have their Minor recorded on their transcript.

1. The minimum number of credit hours which a student must successfully complete in order to receive an Honours Degree is 120. Information on the specific course requirements are found under each department. (https://catalog.umanitoba.ca/undergraduate-studies/arts/#programstext)

2. In order to graduate, a student in the B.A. Honours Degree program must satisfy the University of Manitoba residency requirements (https://catalog.umanitoba.ca/undergraduate-studies/arts/#Residency-Requirement) and attain a minimum degree grade point average of 3.0.

3. Included among the courses presented for graduation there must be at least three credit hours completed in each of five different Faculty of Arts (https://catalog.umanitoba.ca/undergraduate-studies/arts/#Five-subject-field) subject fields.

4. Among the courses presented for graduation there must be at least six credit hours from subject fields designated Humanities, at least six credit hours from subject fields designated Social Science (https://catalog.umanitoba.ca/undergraduate-studies/arts/#Arts-Social-Sciences), at least six credit hours from the list of courses that satisfy the Bachelor of Arts Science (https://catalog.umanitoba.ca/undergraduate-studies/arts/#Arts-Science) requirement, and at least three credit hours from the list of courses that satisfy the Indigenous Content (https://catalog.umanitoba.ca/undergraduate-studies/arts/#Indigenous-Content) requirement.