

**Kalamazoo Valley Community College (KVCC)**  
Sustainable Brewing, AS and Certificate  
Articulation Agreement and Transfer Guide

The Bachelor of Science (BS) in Business degree in Hospitality Management is one of the oldest and most respected hospitality management programs in the region and has thousands of successful alumni that are employed worldwide. The Hospitality Management degree is one of only a few in the country that is housed within a College of Business that is accredited by the Accreditation Council for Business Schools and Programs (ACBSP). ACBSP is one of the premier organizations supporting, celebrating, and rewarding teaching excellence in business education.

**Communication Competency – KVCC Recommends the following courses ENG 110 or 160 and ENG 111 or COM 113**

FSU Course	FSU Course Title	FSU Cr. Hrs.	KVCC Equiv.	KVCC Course Title	KVCC Cr. Hrs.
COMM 105 or COMM 121	Interpersonal Communication or Fundamentals of Public Speaking	3	COM 113 or COM 101	Interpersonal Communication or Public Speaking	3
ENGL 150	English 1	3	ENG 110	Freshman Writing 1	3
ENGL 211	Industrial and Career Writing	3	BUS 160 or ENG 112 or ENG 127 or ENG 111 or ENG 160	Business Writing Skills or Writing for the Workplace or Technical Writing or College Writing 2: Literature or College Writing & Research	3 or 3 or 3 or 4
or ENGL 250	or English 2				
ENGL 325	Advanced Business Writing	3	No Equivalent	No Equivalent	0

**Quantitative Literacy –** See below or Official Pre-2016 Math SAT Score of 560 or higher, Official Post-2016 Math SAT Score of 580 or higher, or Official Math ACT Score of 24 or higher.

FSU Course	FSU Course Title	FSU Cr. Hrs.	KVCC Equiv.	KVCC Course Title	KVCC Cr. Hrs.
MATH 114	Quantitative Reasoning for Professionals 2 or	4	No Equivalent	No Equivalent	0
or MATH 115	Intermediate Algebra	3	MATH 116	Intermediate Algebra	4

**Natural Sciences Competency – One course with lab**

FSU Course	FSU Course Title	FSU Cr. Hrs.	KVCC Equiv.	KVCC Course Title	KVCC Cr. Hrs.
Varies	FSU General Education - Natural Sciences Electives	2	Varies	Any BIO, CHM, GEO or PHY course	4
CHEM 1ZL	Chemistry Lab	2	BREW 151	Biochemistry of Brewing	2
BIOL 1ZL	Biology Lab	2	BREW 152	Microbiology of Brewing	2

**Culture Competency - Minimum 9 Credits from two different disciplines with one at FSU 200 level or higher**

FSU Course	FSU Course Title	FSU Cr. Hrs.	KVCC Equiv.	KVCC Course Title	KVCC Cr. Hrs.
Varies	FSU General Education - Culture Electives	9	Varies	Humanities and Fine Arts	9

**Self and Society Competency - Minimum 9 Credits from two different disciplines with one 200 level or higher**

FSU Course	FSU Course Title	FSU Cr. Hrs.	KVCC Equiv.	KVCC Course Title	KVCC Cr. Hrs.
PLSC 122	American Government 2 Policy Making	3	PSI 101	American Government	3
ECON 201	Principles of Microeconomics	3	ECO 202	Microeconomics	3
ECON 202	Principles of Macroeconomics	3	ECO 201	Macroeconomics	3

**Diversity Competency – 2 Courses Required**

If not met by courses taken for Culture, Self and Society, or MTA, a student must meet the following:

- 1 course with the Global Diversity attribute
- 1 course with the U.S. Diversity attribute

**Collaboration Competency –** Competency met by 2 courses contained in the Major or Business Core. BUSN 499, MKTG 321

**Problem Solving Competency -** Competency met by 2 courses contained in the Major or Business Core. ACCT 201, HSMG 215

**Hospitality Management degree students must complete a total of 39** general education credits to meet College of Business and University requirements.

Please refer to FSU's General Education Requirements at: [Ferris General Education Program](#)

**In order to meet the University Graduation Requirement of 40 credits of 300 level or higher courses, students will need to take 4 credits at the 300+ level within the Cultural Enrichment and/or Social Awareness requirement.**

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Effective September 1, 2020 – September 1, 2023

Ferris State University is an equal opportunity institution. For information on the University's Policy on Non-Discrimination, visit [ferris.edu/non-discrimination](http://ferris.edu/non-discrimination).

**Business Core Requirements – 30 Credits Required**

FSU Course	FSU Course Title	FSU Cr. Hrs.	KVCC Equiv.	KVCC Course Title	KVCC Cr. Hrs.
ACCT 201	Principles of Financial Accounting	3	ACC 101 or ACC 109	Principles of Accounting 1 or Intro to Corporate Accounting	4 or 3
ACCT 202	Principles of Managerial Accounting	3	ACC 102	Principles of Accounting 2	4
STQM 260	Introduction to Statistics	3	MATH 216 or MATH 220	Business Statistics or Probability & Statistics	3 or 4
MGMT 301	Applied Management	3	No Equivalent	No Equivalent	0
BLAW 321	Contracts and Sales	3	BUS 201	Business Law 1	3
ISYS 321	Principles of Marketing	3	BUS 231	Business Info Infrastructure	3
MKTG 321	Business Information Systems	3	BUS 105	Principles of Marketing	3
FINC 322	Financial Management 1	3	No Equivalent	No Equivalent	0
MGMT 370	Quality-Operations Management	3	No Equivalent	No Equivalent	0
BUSN 499	Integrating Experience	3	No Equivalent	No Equivalent	0

**Hospitality Major Requirements – 21 Credits Required**

FSU Course	FSU Course Title	FSU Cr. Hrs.	KVCC Equiv.	KVCC Course Title	KVCC Cr. Hrs.
HSMG 113	Sanitation and Safety	3	No Equivalent	No Equivalent	0
HSMG 215	Hospitality Cost Controls	3	CUL 105	Culinary & Food Industry Math	3
HSMG 292	HSMG Internship 1	3	CUL 275	Culinary Internship	3
HSMG 300	Guest Service Management	3	No Equivalent	No Equivalent	0
HSMG 392	HSMG Internship 2	3	BREW 275	Brewing Field Internship	3
HSMG 403	Hospitality Law	3	No Equivalent	No Equivalent	0
HSMG 499	Hospitality Senior Seminar	3	No Equivalent	No Equivalent	0

While CUL 275 at KVCC is not required for the Sustainable Brewing, AS and Certificate, HSMG 292 is required for the FSU HSMG Bachelor of Science Degree. Registration in either HSMG 292 at FSU or CUL 275 at KVCC must be approved by the FSU or KVCC advisor prior to enrolling

**Computer Literacy**

FSU Course	FSU Course Title	FSU Cr. Hrs.	KVCC Equiv.	KVCC Course Title	KVCC Cr. Hrs.
ISYS 105	Introduction to Micro Systems	3	BUS 103	Business Computer Applications	3

**Additional Requirements**

FSU Course	FSU Course Title	FSU Cr. Hrs.	KVCC Equiv.	KVCC Course Title	KVCC Cr. Hrs.
RMLS 122	Responding to Emergencies	2	WPE 112	Safety First Aid	2
Varies	Free Elective	1	Varies	Varies	1

**Specialized Management Concentration – 24 Credits Required**

FSU Course	FSU Course Title	FSU Cr. Hrs.	KVCC Equiv.	KVCC Course Title	KVCC Cr. Hrs.
HSMG 207	Bar & Beverage Management	2	BREW 100	Introduction to Brewing	2
HSMG 1--	HSMG General Credit	2	BREW 110	History, Culture & Sustainability	2
HSMG 233	Brew Management Level 2	3	BREW 130	Brewing Ingredients	3
HSMG 1--	HSMG General Credit	4	BREW 140	Brewhouse Operations	4
HSMG 133	Brew Management Level 1	3	BREW 160	Styles Sensory & Food Pairing	3
HSMG 1--	HSMG General Credit	4	BREW 170	Cellar Operation Technology	4
HSMG 3--	HSMG General Credit	3	BREW 225	Brewing Practicum	3
HSMG 2--	HSMG General Credit	3	BREW 230	Packaging & Post-Production	3
HSMG 3--	HSMG General Credit	3	BREW 250	Brewery Management / Quality Assurance	3

**Total Credits Required for Degree:** 121

**Program Delivery Locations and Contact Information:**

Main Campus, Big Rapids

College of Business

(800) 433-7747 | (231) 591-2420 | [College of Business Email](#)

[Transfer Partnerships Website](#)

Select courses may be delivered online and/or in a mixed delivery format (i.e. a mix of online and face-to-face instruction at the Ferris Main Campus or at an off-campus location).

**General Admission Criteria**

**New Students SAT Scores**

- 2.5 High School GPA (on a 4.0 scale)
- Two of the Three Criteria:
  - SAT ERW score of 450 or higher
  - SAT Math score of 500 or higher. Placement in MATH 109/110 will be considered (SAT MATH score of 480 or higher).
  - SAT Composite of 900 or higher

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## **General Admission Criteria continued**

### **New Students ACT Scores**

- 2.5 High School GPA (on a 4.0 scale)
- Two of the Three Criteria:
  - ACT English score of 16 or higher
  - ACT Math score of 19 or higher
  - ACT Reading score of 19 or higher

### **Transfer Students**

- Combined college or university GPA of 2.35 (on a 4.0 scale) from all institutions attended. GPA based on completion of 12 credit hours or more. Developmental courses will not be considered in computing the GPA requirement.
- Transfer equivalency for FSU ENGL 150 or placement during the first semester at FSU which would require an ACT English score of 16 or higher; or SAT ERW score of 450 or higher; or Accuplacer English score of 6 or higher.
- Transfer equivalency for FSU MATH 114/115 or placement during the first semester at FSU which would require an ACT MATH score of 19 or higher; SAT MATH of 500 or higher; or Accuplacer Math scores: Elementary Algebra score 75 or higher and College Level Math 0-49.

### **Advising Notes**

It is recommended that potential applicants meet with an advisor to review the degree, course schedule, and have any questions answered prior to completing an application. Students who are completing the MTA may have different general education course requirements for the particular degree selected. Meeting with a Ferris advisor prior to the selection of general education or elective course work may reduce the chance of completing a course that will not apply toward the selected degree. Once admitted, students must continue to meet with an advisor as they work toward graduation.

### **Transfer Student Orientation**

All new students to Ferris State University are required to complete an orientation.

### **Reverse Transfer Agreement**

Kalamazoo Valley Community College and Ferris have entered into a partnership in order to work collaboratively and creatively to increase student completion of associate and bachelor degrees. The partners work together to provide a seamless transfer experience and increase student retention and completion at both Kalamazoo Valley Community College and Ferris.

### **Michigan Transfer Agreement (MTA)**

Ferris participates in the Michigan Transfer Agreement (MTA). This agreement will facilitate the transfer of general education requirements from one Michigan institution to another. Students may complete the MTA as part of a degree program or as a stand-alone package. The MTA consists of a minimum of 30 general education credit hours as identified by the college or university.

Students transferring to Ferris with the Michigan Transfer Agreement (MTA) and entering a degree program will have met a 30-hour block of lower-level general education courses. However, this does not exempt students from completing program specific prerequisites or higher-level general education course requirements. Students should contact their advisor regarding classes that meet the MTA.

Students must work with their Ferris advisor to declare a Minor or Concentration and for selection of Directed Electives.

**Original Signed Articulation Agreement**

The original, signed document is kept on file in the Office of Transfer and Secondary School Partnerships. To obtain a copy of the original, signed document, contact the Office of Transfer and Secondary School Partnerships at 231/591-5983 or email your request to [transfercenter@ferris.edu](mailto:transfercenter@ferris.edu).

This Agreement may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed to be one and the same agreement. A signed copy of this Agreement delivered by facsimile, e-mail, or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Agreement.

**Indemnification**

To the extent permitted by law, Ferris State University and Kalamazoo Valley Community College agree to indemnify and hold one another harmless from any and all claims initiated by student participants, their parents, survivors, or agents, arising from any negligent acts or omission on the part of either institution or any of their employees.

**Articulation Agreement**

**Effective Dates: September 1, 2020 – September 1, 2023**

This Agreement shall commence as of September 1, 2020. Minor updates to the agreement may be made during this time. This agreement may be renewed at the end of one year. Either party may terminate this agreement by providing the other party with written notice of the intent to terminate the agreement. The agreement shall terminate not less than one hundred eighty (180) days from the date of the termination notice, unless otherwise agreed in writing by both parties.

**Signatures**

Ferris State University  
1201 S. State Street  
Big Rapids, MI 49307  
Phone: (231) 591-2000

Kalamazoo Valley Community College  
6767 West "O" Avenue  
Kalamazoo, MI 49003  
(269) 488-4000

David Nicol,  
PhD

Digitally signed by David Nicol, PhD  
Date: 2020.09.22  
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*Dennis A. Bertch* 8.12.2020

David Nicol  
Dean  
College of Business

Dr. Dennis Bertch  
Provost / Vice President  
Instruction and Student Services

*Lianne Briggs* 8-12-2020

Lianne Briggs  
Department Chair  
Sports, Entertainment and Hospitality Management

*Patricia Henning* 08-06-2020

Patricia Henning  
Dean of Instruction  
Health Careers and Sustainable Foods

Amy M Dorey

Digitally signed by Amy M Dorey  
Date: 2020.09.18  
08:36:44 -04'00'

Amy Dorey  
Coordinator  
Hospitality Management