



# BRADLEY University

## 2+2 Advising Guide for Mathematics High School Education

Bradley University requires a minimum of 124 hours for graduation. A maximum of sixty-six of these may be transferred from a two year institution. The university also requires 40 junior/senior hours (classes 300 and above). To graduate with honors (*cum laude, magna cum laude or summa cum laude*) students must complete 60 hours at Bradley and have the appropriate GPA.

All students with a major from the College of Liberal Arts and Sciences (LAS) must complete the university general education requirements, the College requirements, and the requirements of their major. Liberal Arts and Science requires that a minimum of 30 of the 40 junior/senior hours come from the College of LAS. Students seeking the Bachelor of Arts degree must complete the 201 or higher level course in a World Language. Students seeking the Bachelor of Science degree must complete 15 hours of math, natural science or computer science courses (including BCC requirements).

### BRADLEY UNIVERSITY CORE REQUIREMENTS

Listed below are Bradley’s University core requirements for all students and the equivalent transfer courses from ICC. Note: classes marked \*\*\* may meet the requirements for multiple categories, but they can only count toward one Area of Inquiry requirement (e.g. HUM 125 can fulfill the Fine Arts (FA) or Humanities (HU) but not both). Further, some classes from ICC are the equivalent of a 300-level class at Bradley (e.g. ENGL 111 fulfills the C2 requirement). While the classes are accepted and the credits are earned, students completing these courses would not receive junior/senior credits from Bradley. Students in MATHEMATICS – HIGH SCHOOL TEACHING are advised not to take the ICC equivalent of any junior/senior class.

**\*Bradley University participates in the Illinois Articulation Initiative (IAI).** Students who complete all IAI GECC requirements except for C1 901 will be able to complete their Bradley Core Curriculum requirements on successful completion of an approved Bradley W2 course.

AREA OF INQUIRY (HOURS)	BCC CODE	APPROVED TRANSFER COURSES
Communication (9)		
Writing 1	W1	ENGL 110
Writing 2	W2	ENGL 111*
Speech	OC	COMM 110, 212
Fine Arts (3)	FA	ART 110, 142, 150***, 151***, 152***, FILM 110;
		MUS 149***, 150; THTRE 110
Global Perspectives (3-6) ^		
Global Systems OR	GS	
World Cultures	WC	met by required ETE course at BU

Humanities (3-6) ^ 122,	HU	<b>HIST</b> 111*, 112***; <b>LIT</b> 110, 111, 117, 119, 124***, 212, 213, 215, 216, 230,
Multidisciplinary Integration (3-6)	MI	<b>met by required ETE course at BU</b>
Natural Science (3-6) ^ 111,	NS	<b>BIOL</b> 114; <b>CHEM</b> 110, 113, 120, 130; <b>EASC</b> 116, 250; <b>PHYS</b> 110, 120; <b>PHYSC</b> 114
Quantitative Reasoning (3-6) ^	QR	<b>MATH</b> 211, 222, 223, 224
Social & Behavioral Sciences (3-6) ^ 115;	SB	<b>ECON</b> 110, 111; <b>HIST</b> 201, 202; <b>POLSC</b> <b>PSY</b> 110; <b>SOC</b> 110

^ Students are required to take two additional courses from two different areas of inquiry (GS/SW, HU, NS, QR, SB); no more than two courses from the same area of study may count toward BCC requirements.

#### CORE CURRICULUM CORE PRACTICES

REQUIRED: Writing Intensive **	WI	2 tags
RECOMMENDED: Integrative Learning	IL	2 tags

\*\*W1 + W2 courses cannot be used to satisfy WI tag requirements. However, WI requirements are met by IAI.

As a secondary education major, additional LAS courses may be required. Students need to consult with their advisors at ICC and Bradley to make certain all requirements – University, LAS, Education and ICC – are being met.

#### MATHEMATICS - HIGH SCHOOL TEACHING

Listed below are the courses which are required for MTH-T which have a direct equivalent to Bradley. In some cases, ICC may have requirements for the Associate's degree which do not have a corresponding class at Bradley; in most cases, department elective credit is given. In other cases, the department at Bradley has a 100-200 level requirement which has no equivalent at ICC. Neither of these sets of classes are listed here. Classes marked “ \*\* ” are not required but are either recommended or are optional electives.

#### MATHEMATICS – HIGH SCHOOL TEACHING      REQUIRED BU COURSES (ICC CODE)

<i>Does not include 40+ hours Teacher Education courses</i>	MTH 111 – Statistics ( <b>MATH 211</b> )
	MTH 121/122 - Calculus I & II ( <b>MATH 222/223</b> )
	MTH 223 - Calculus III ( <b>MATH 224</b> )
	CS 101 - Intro to Programming ( <b>COMPSC 115 or 125</b> )
	MTH 207 - Elementary Linear Algebra ( <b>MATH 230</b> )