



# BRADLEY University

## 2+2 Advising Guide for Mathematics

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 core curriculum requirements, the College requirements, and the requirements of their major. Liberal Arts and Sciences 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 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***, DANCE 115; FILM 110; HUMAN 123***, 124***, 125***, 128***; INTST 132***, 133***; MCOMM 224; MUS 148, 149***, 150; THTRE 110, 111

Global Perspectives (3-6) ^ §		
Global Systems OR	GS	<b>GEOG</b> 116***, 118***; <b>HIST</b> 231; <b>INTST</b> 130***, 134***
World Cultures	WC	<b>ART</b> 150***, 151***, 152***; <b>HIST</b> 111***, 112***; <b>HUMAN</b> 123***, 124***, 125***; <b>INTST</b> 132***, 133***; <b>LIT</b> 120***, 124***, 250***; <b>MUS</b> 149***; <b>PHIL</b> 112***
Humanities (3-6) ^ §	HU	<b>ARA</b> 211; <b>CHN</b> 211; <b>FR</b> 211; <b>GER</b> 211; <b>HIST</b> 111***, 112***; <b>HUMAN</b> 123***, 124***, 125***, 129; <b>INTST</b> 132***, 133***; <b>LIT</b> 110, 111, 115***, 117, 119, 120***; 122, 124***, 212, 213, 214, 215, 216, 230, 250***; <b>PHIL</b> 110, 111, 112***, 115, 116; <b>SPAN</b> 211
Multidisciplinary Integration (3-6)	MI	<b>HUMAN</b> 123***, 124***, 125***, 128***; <b>INTST</b> 132***, 133***, 140***; <b>LIT</b> 115***; <b>PHYS</b> 110***; <b>SSC</b> 110***, 111***
Natural Science (3-6) ^ §	NS	<b>BIOL</b> 110, 111, 114, 115, 150, 160, 161, 250; <b>CHEM</b> 110, 113, 115, 120, 130, 132, 220, 230; <b>EASC</b> 111, 116, 118, 250; <b>PHYS</b> 110, 120, 212, 213; <b>PHYS</b> 110, 114
Quantitative Reasoning (3-6) ^	QR	<b>MATH</b> 222, 223, 224
Social & Behavioral Sciences (3-6) ^ §	SB	<b>ECON</b> 110, 111

^ 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.

§To promote an even greater breadth of learning, students in the college of LAS take one more BCC course outside their major cluster area (LAS Out of Cluster requirement); this requirement is not covered by IAI.

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.

MATHEMATICS

REQUIRED BU COURSES (ICC CODE)

*Core listed here is required for all MTH, MTS and ASM majors*

MTH 121/122 - Calculus I & II (**MATH 222/223**)  
MTH 223 - Calculus III (**MATH 224**)  
MTH 207 - Elementary Linear Algebra (**MATH 230**)  
CS 101 - Intro to Programming (**CMPS 115 or 125**)

ACTUARIAL SCIENCE – MATHEMATICS  
*additional requirements*

ATG 157 – Accounting Principles I (**ATG 120**)  
ATG 158 – Accounting Principles II (**ATG 121**) \*\*  
ECO 221 – Microeconomics (**ECON 111**)

ECO 222 – Macroeconomics (ECON 110)

CS 102 - Data Structures (CMPSC 135 or 212) \*\*