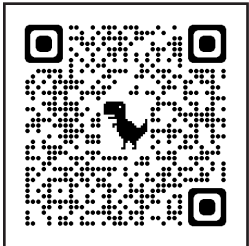
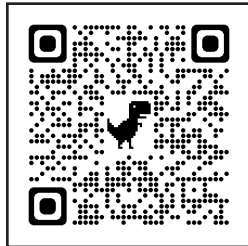


DS MINOR REQUIREMENTS

FOUNDATION AND CORE DATA SCIENCE

Pre-Minor Computing Experience	Data Science Foundations	Data Science Core Knowledge <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<i>Students will need to complete one of the below prior to declaring the DS Minor</i>	<i>Continue the sequence for route you selected and choose at least one mathematics foundation course from the options below</i>	<i>Complete at least three of the below</i>
Route #1 <i>Introducing data science field and intro. to programming</i>	Programming & Mathematics Foundations	CDS DS 210 Programming for Data Science
CDS DS 100 →	CDS DS 110 AND (CDS DS 120 OR DS 121 OR DS 122)	CDS DS 310 Data Mechanics
Route #2 <i>Intended for those with prior programming exposure</i>	Mathematics Foundations	CAS MA 214 Applied Statistics
<small>NOTE: This route requires students to complete an additional 4 credit hours, while keeping in mind to satisfy the minimum requirements for CDS residency hours and the 24 total credit hours needed to earn the minor</small>		CDS DS 320 Algorithms
CDS DS 110 OR CAS CS 111 →	CDS DS 120 OR CDS DS 121 OR CDS DS 122	CDS DS 340 Machine Learning
		CDS DS 380 Ethical and Social Implications

ADDITIONAL BREADTH OR DEPTH

CDS Elective Options	CDS Practicums through Spark!
<i>To reach the 24 minimum credit hour threshold, DS minor students may enroll in elective choices from either track -- Methodology or In-the-Field</i>	<i>To reach the 24 minimum credit hour threshold, DS minor students may enroll in up to 8 credit hours of CDS practicum experiences</i>
 <p>Scan the QR code or visit https://www.bu.edu/cds-faculty/academics/undergraduate/advising/ for options</p>	 <p>Scan the QR code or visit https://www.bu.edu/cds-faculty/academics/undergraduate/courses/ for options</p>

** Maximum of two courses may be used toward major and minor requirements

Minimum Credit Hour Requirement: 24

*A total of 16 credit hours (4 courses) **MUST** be taken through CDS*