

Inquiry Curriculum Requirements | A Liberal Arts Curriculum

Basic Skills | Grade of "C" or better required. **12**

COLLEGE	COURSE		CR	GR
		WRIT S101 Writing Colloquium	3	
		WRIT S102 Research Writing	3	
		SPCH S110 Basic Speech	3	
Satisfied by Major		MATH S105 Finite Math or MATH S110 College Algebra	—	—

Interdisciplinary Seminars | Must be completed at BenU. **6**

COLLEGE	COURSE		CR	GR
BenU	IDS 201-204	Catholic and Benedictine Intellectual Traditions (WI)	3	
BenU	IDS 301-304	Human Dignity or The Common Good	3	

Modes of Inquiry (MI) | Scholars Program students please refer to specific checklist for requirements.

COLLEGE	COURSE		CR	GR
Arts and Humanities 15				
		Religions/Theological (QRT)		
		Philosophical (QPL)		
		Historical (QHT)		
		Literary/Rhetorical (QLR)		
		Artistic/Creative (QCA)		
Natural Sciences 9				
		Life-Scientific (QLS)		
		Physical-Scientific (QPS)		
Satisfied by Major		Computational, Math and Analytical (QCM)	—	—
Social Sciences I and II 6				
		Individuals/Organizations/Societies (QIO)		
		Political/Global/Economic Systems (QPE)		

Cocurricular | Requirements may be met through MI or major courses.

Course or Experience				
		<input type="checkbox"/> Global Designation (G)		
		<input type="checkbox"/> Sustainability (S)		
BenU	IDS 201-204	<input type="checkbox"/> Writing Intensive (WI)		
BenU	CMSC 220	<input type="checkbox"/> Writing Intensive (WI)		
BenU	CMSC 301	<input type="checkbox"/> Writing Intensive (WI)		
		<input type="checkbox"/> Engaged Learning (EL) ①		
		<input type="checkbox"/> Learning Community (LC) ①		

Notes | All Undergraduate Degree Programs

INQUIRY CURRICULUM REQUIREMENTS: Remaining MI courses must be chosen from classes labeled with appropriate designation in catalog or course schedule. Some MI requirements are satisfied by major requirements. Substitutions are not allowed after entry.

① Engaged Learning-designated course/experience and Learning Community-designated course/experience are mandatory for undergraduates starting fall 2016.

Graduation Requirement | Min. Semester Credit Hours **120**
Major Requirements | Grade of "C" or better required. **52**

COLLEGE	COURSE		CR	GR
		MATH 240 Discrete Math	4	
		CMSC 180 Intro to Computing	2	
		CMSC 185 Python Programming Lab	2	
		CMSC 200 Computer Programming	4	
		CMSC 205 Data Structure & Algor I	3	
		CMSC 220 Computer Architecture (WI)	3	
		CMSC 264 Intro to Web Application Dev	3	
		CMSC 270 Data Structure & Algor II	3	
		CMSC 274 Obj Oriented Des & Prog	3	
		CMSC 301 Technical Comm (WI)	3	
		CMSC 330 Database Mgmt Systems	3	
		CMSC 375 Software Engineering	3	
		CMSC 398 Capstone Project	3	

Computational Requirement: One course totaling at least 3 semester credit hours from the list below (AP credit does not fulfill requirement)

		MATH 150 Introduction to Statistics	3	
		MATH 170 Introduction to Calculus I	5	
		MATH 200 Applications of Calculus I	4	
		MATH 210 Calculus for Physical Sci I	5	
		MATH 211 Calculus for Physical Sci II	4	

Electives: Three 300-level CMSC courses (9 semester credit hours)

		CMSC 310 Operating Systems	3	
		CMSC 315 Formal Language	3	
		CMSC 363 Data Mining	3	
		CMSC 364 Mobile Commerce	3	
		CMSC 365 Computer Networks	3	
		CMSC 370 Algorithm Design & Analysis	3	
		CMSC 373 Big Data	3	
		CMSC 374 Adv Web Application Dev	3	
		CMSC 380 Artificial Intelligence	3	
		CMSC 383 Machine Learning	3	
		CMSC 384 Enterprise Architecture	3	
		CMSC 385 Theory of Programming Lang	3	

Major Specific Notes | Computer Science with No Concentration Declared

All majors must submit at least 44 semester credit hours in Computer Science, with 21 semester credit hours at the 300 level.

All major and cognate courses must be completed with a grade of "C" or better to apply to the major.

