Date:

Name:

BenU ID #: Semester of Entry:

Freshman Rules
2014-2015
Academic Year

Benedictine University®

Bachelor of Science in Physics

Minor in Secondary Education with Teacher Licensure, 6-12

All grades for licensure must be a "C" or better.

Inquiry Curriculum Requirements | A Liberal Arts Curriculum

Basic Skills | Grade of "C" or better required. ① 12

COLLEGE	COURSE		CR	GR
		WRIT S101 Writing Colloquium	3	
		WRIT S102 Research Writing	3	
		SPCH S110 Basic Speech	3	
		MATH S110 College Algebra	3	

Interdisciplinary Seminars | Must be completed at BenU. 6

COLLEGE	COURSE		CR	GR
BenU	IDS 201	Catholic and Benedictine Intellectual Traditions (WI)	3	
BenU	IDS 301	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 ① 15		
		Religions/Theological (QRT)		
Satisfied by Major		Philosophical (QPL)	—	—
		HIST 111 or HIST 112 (QHT)		
		Literary/Rhetorical (QLR) ②		
		Artistic/Creative (QCA)		
		Natural Sciences ① 9 **One QLS or QPS course must include a lab.**		
Satisfied by Major		Life-Scientific (QLS)	—	—
Satisfied by Major		Physical-Scientific (QPS)	—	—
Satisfied by Major		Computational, Math and Analytical (QCM)	—	—
		Social Sciences I and II ① 9		
		Individuals/Organizations/Societies (QIO) ③		
		PLSC 102 American Government (QPE)		
		EDUC 210 or PSYC 241 Educ Psych ④		
		Multi-Cultural/Non-Western Culture ①⑤ 3 **Requirement may be met through MI Courses.**		

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

Course or Experience				
		☐ Global Designation (G)		
		☐ Sustainability (S)		
BenU	IDS 201	☒ Writing Intensive (WI)		
BenU		☒ Writing Intensive (WI)		
		☐ Writing Intensive (WI)		

Inquiry Curriculum Notes | See Page 2 of checklist for notes.

Graduation Requirement | Min. Semester Credit Hours 120

Major Requirements | Grade of "C" or better required. 61

COLLEGE	COURSE		CR	GR
		PHIL 290 HIstory and Philosophy of Sci	3	
		NTSC 111 Contemporary Biology	3	
		PHYS 107 Earth and Space Science	4	
		MATH 210 Calculus for Physical Sci I ①	5	
		MATH 211 Calculus for Physical Sci II	4	
		MATH 212 Calculus for Physical Sci III	4	
		MATH 260 Differential Equations	4	
		CHEM 113 General Chemistry I	3	
		CHEM 115 General Chemistry I Lab ②	1	
		CHEM 123 General Chemistry II	3	
		CHEM 125 General Chemistry II Lab ②	1	
		CMSC 180 Introduction to Computing	3	
		CMSC 185 Python Programming Lab	1	
		PHYS 205 University Physics I Lab	1	
		PHYS 206 University Physics II Lab	1	
		PHYS 207 Modern Physics lab	1	
		PHYS 211 University Physics I	4	
		PHYS 212 University Physics II	4	
		PHYS 213 Modern Physics	3	
		PHYS 220 Analytic Mechanics	3	
		PHYS 264 Electronics	3	
		PHYS 313 Classical Thermodynamics	3	
		PHYS 315 Quantum & Stat Mechanics	3	

Major Specific Notes | Physics—Minor in Secondary Education with Teacher Licensure, 6-12

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

① MATH 210 may be replaced by taking both MATH 170 and MATH 200.

② Or NTSC 151 and NTSC 152.

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Graduation Requirement | Min. Semester Credit Hrs. **120**

Minor/Teacher Licensure Requirements 33

COLLEGE	COURSE			CR	GR
		EDUC 200	Preclinical Experience	1	
		EDUC 205	History & Philosophy of Ed	3	
		EDUC 207	Intro to Education Seminar	0	
		EDUC 215	Technology for Teachers	3	
		EDUC 260	Survey of Exceptional Children	3	
		EDUC 310	Measurement & Evaluation	3	
		EDUC 330	Methods of Teaching Physical Science Middle/Jr and High School	3	
		EDUC 350	Preclinical Experience Middle/Jr and High School	0	
		EDUC 353	Methods and Principles of Middle School Education	3	
		EDUC 354	Preclinical Experience Methods and Principles of Middle School Education	0	
		PHED 257	Wellness	2	
		EDUC 371	Student Teaching Middle/Jr and High School ①	12	

Notes | Minor/Teacher Licensure Requirements

① Required for the major with teacher licensure.

Inquiry Curriculum (IC) Notes | All Undergraduate Degree Programs

GRADUATION REQUIREMENT: Students must submit a total of 120 semester credit hours (with a minimum GPA of 2.0 from Benedictine University courses) of which 45 semester credit hours, including 12 semester credit hours at the 200 level or above in their major field, must be from Benedictine University.

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.

IC Major Specific Notes | Secondary Education Programs

The majority of requirements on this checklist are mandated by the Illinois State Board of Education. Changes in state licensure requirements must be met at the time they go into effect. Therefore, this could change program requirements, requiring different courses than those listed on the checklist. See your academic advisor with questions regarding this.

The Test of Academic Proficiency (TAP) and the ACT with Writing or SAT used in lieu of TAP are valid for 10 years. All other exams required for licensure are valid for five years from the date of successful passage.

A cumulative GPA of a 2.75 and a 3.0 GPA in the major are required for Teacher Education Programs. GPA is based on Benedictine University courses only.

① Grades of "C" or better are needed in all courses required for licensure. C minus grades (C-) or lower are considered to be grades below a "C."

② A Literature course that is designated as QLR must be taken to satisfy the Literary/Rhetorical (QLR) MI.

③ Choose from Psychology, Sociology, Anthropology, Geography, or Political Science with approved QIO designation.

④ The credit for Educational Psychology does not apply toward a middle-grades endorsement in social science.

⑤ For course options, check with your advisor.

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Graduation Requirement | Min. Semester Credit Hours **120**

Summary of Evaluation

* Please consult with your department advisor regarding further evaluation of major credits and remaining major requirements.

	Hours Completed	Hours Remaining
Basic Skills		
Interdisciplinary Seminars		
Arts and Humanities Modes of Inquiry		
Natural Sciences Modes of Inquiry		
Social Sciences Modes of Inquiry		
Major	*	*
Electives	*	*
TOTAL		*

Summary of Transferable Credit

The following semester credit hours will be posted to your transcript.

Notes

Highest level of math completed (if applicable).

Minor

Minors are optional, but recommended. Please see the Benedictine University Undergraduate Catalog and the department for specific requirements. List courses taken toward earning a minor.

General Electives

General Elective courses may be necessary to meet graduation requirement of 120 semester credit hours. Students may list completed courses below.

Residency Requirements

Please note the checked boxes that apply to you:

- ☒ A minimum total of 120 semester credit hours are required for graduation (with a minimum cumulative GPA of 2.0 from Benedictine University).
- ☒ 55 semester credit hours at the baccalaureate level must be completed at a four-year regionally accredited college/university.
- ☒ At least 12 semester credit hours at the 200 level or above in the major field must be from Benedictine University.
- ☐ 45 semester credit hours must be completed at Benedictine University.
- ☐ At least 30 of your final 45 semester credit hours must be completed at Benedictine University.
- ☐ At least the last 30 semester credit hours of your undergraduate degree must be completed without interruption at Benedictine University as a degree-seeking student.

Special Notes

1. This checklist is applicable for the major indicated. If a different major is chosen, the requirements for the major, modes and semester credit hours remaining will vary.
2. This checklist is for advising purposes. Students must follow the requirements for graduation as outlined in the University Undergraduate Catalog at their term of entry.
3. Semester credit hours in progress are not included in the totals of this evaluation. Additional semester credit hours will be credited upon receipt of credentials.
4. Courses must have a grade of "C" or better to be accepted in the Basic Skills and the major or minor area. A grade of "D" or better is required in all other areas, except where program requirements specify otherwise.
5. Duplicate semester credit hours will not be given for repeated courses.
6. Courses taken at Benedictine University may be repeated only at Benedictine University. Please see the catalog for the Course Repeat Policy.
7. Only courses taken at Benedictine University will be included in your GPA.
8. An Approval of Transfer Courses form must be completed for current Benedictine students to transfer courses from other schools. Please see your advisor.

Date: Signature: