BS in Mathematics

Name _____

Mathematics **47**

___MATH 175 Computer Programming (S) 3
___MATH 210 Calculus & Analytic Geo I 4
*Fulfills general studies math requirement
___MATH 211 Calculus & Analytic Geo II (F) 4
___MATH 212 Calculus & Analytic Geo III (S) 4
___MATH 280 Mathematics Seminar (S) 1
___MATH 373 Finite Mathematics (F) 3
___MATH 374 Discrete Mathematics (S) 3
___MATH 341 Linear Algebra (F) 3
___MATH 375 Applied Differential Eqs (R1) 3
___MATH 445 Abstract Algebra (R2) 3
___MATH 464 Probability & Statistics (R3) 3
___MATH 410 Real Variables (S) 3
___MATH 480 Mathematics Capstone (F) 1
(Choose 3 from following 4 options)
___MATH 327 History of Mathematics (F) 3
___MATH 349 Number Theory (SE) 3
___MATH 475 Numerical Analysis (SO) 3
___MATH 478 Special Topics (F) (may take twice) 3

Minor (or Second Major) **18-27**

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General Electives to total 120 hours.

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General Studies **45**

Communications **9**

___ Freshman English I (ENG 101) 3
___ Freshman English II (ENG 102) 3
___ Communications (COM 101) 3

Natural Sciences **8**

___ Life Science (BIO 105/106 or 124/125) 4
___ Physical Science (CHEM or PHYS) 4

Fine Arts/Humanities **9**

___ Fine Arts (FA, ART, MUS, or COM) 3
___ Literature (ENG) 3
___ Philosophy, Religion, or Foreign Language 3

Social and Behavioral Sciences **12**

___ History (HIS 103, 104, 210, or 211) 3
(choose 3 from following 4 options)
___ Geography (GEO 205 or 206) 3
___ Political/Social (POLS 101, 201) 3
___ Sociology (SOC 150 or 235) 3
___ Psychology (PSYC 101) 3

Business and Economics **3**

___Bus/Econ (ECON 101, 102, or GBUS 140) 3

Wellness/Physical Education **4-5**

___Physical Education (PE 101 or 102) 2
___Health (HE 253 or 250) 2 or 3

- Students must take at least one course each that is designated; Critical Thinking, Technology, International/Global Perspective, and Cultural Diversity. (See College Catalog for details.)

Total Hours: **120**

Symbols:
F: Fall **S**: Spring **SE**: Spring even year **SO**: Spring odd year **R1**, **R2**, **R3**: Rotation order over three semester period

Note: This status sheet may contain errors. Refer to the West Liberty University Catalog for the exact requirements for obtaining a degree in this program. Sheet revised 4/2014