PURE MATHEMATICS Sub-Plan Requirements

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**RG 3296(BA) / 3396(BS) / 5995(BSC) PURE MATHEMATICS PREREQUISITES**

Effective Date FA01/1360 09/05/2001

**RQ 3411** Prerequisites for Pure Mathematics

Effective Date FA01/1360 09/05/2001

- LN 0010 MATH 215-217.
- LN 0020 MATH 255-217.
- LN 0030 MATH 285-217.
- LN 0040 MATH 395-396.

**RG 3297(BA) / 3397(BS) / 5996(BSC) PURE MATHEMATICS REQUIREMENTS**

Effective Date FA04/1510 09/07/2004

**RQ 3412** Pure Mathematics Course Requirements

Effective Date FA04/1510 09/07/2004

- LN 0010 MODERN ALGEBRA - MATH 412 or 512.
- LN 0020 MODERN ALGEBRA - Repeated Courses.
- LN 0030 DIFFERENTIAL EQUATIONS - MATH 256, 286, or 316.
- LN 0040 DIFFERENTIAL EQUATIONS - Repeated Courses.
- LN 0050 ANALYSIS - MATH 351 or 451.
- LN 0060 ANALYSIS - Repeated Courses.
- LN 0070 GEOMETRY/TOPOLOGY - MATH 433, 490, 531, 532, or 590.
- LN 0080 GEOMETRY/TOPOLOGY - Repeated Courses.
- LN 0090 4 elective courses in Mathematics.
- LN 0100 1 cognate course at the 300-level or above. The course should have significant mathematical content (at least at MATH 215 level).

Effective Date FA01/1360 09/05/2001

**RQ 3412** Pure Mathematics Course Requirements

Effective Date FA01/1360 09/05/2001

- LN 0010 MODERN ALGEBRA - MATH 412 or 512.
- LN 0020 DIFFERENTIAL EQUATIONS - MATH 256, 286, or 316.
- LN 0030 ANALYSIS - MATH 351 or 451.
- LN 0040 GEOMETRY/TOPOLOGY - MATH 433, 490, 531, 532, or 590.
- LN 0050 4 elective courses in Mathematics.
- LN 0060 1 cognate course at the 300-level or above. The course should have significant mathematical content (at least at MATH 215 level).
PURE MATHEMATICS Sub-Plan Requirements

RG 3298(BA) / 3398(BS) / 5997(BSC)  PURE MATHEMATICS TOTALS AND GPA REQUIREMENT
Effective Date FA01/1360 09/05/2001

RQ 3413  Totals and GPA Requirement for Pure Mathematics
Effective Date FA01/1360 09/05/2001
LN 0010  Minimum 27 units (9 courses) required for Pure Mathematics.
LN 0020  Minimum 2.0 GPA required in Pure Mathematics.

RG 3299(BA) / 3399(BS) / 5998(BSC)  AREA DISTRIBUTION REQUIREMENT - FOR PURE MATHEMATICS CONCENTRATORS
Effective Date FA01/1360 09/05/2001

RQ 3414  Area Distribution Requirement, select 7 units from Humanities, 7 units from Natural Sciences and 7 units from Social Sciences. These units must be taken outside the area of concentration
Effective Date FA05/1560 09/06/2005
LN 0010  7 units from Humanities.
LN 0020  7 units from Natural Sciences.
LN 0030  7 units from Social Sciences.
Effective Date FA97/1060 09/03/1997
LN 0010  7 units from Humanities.
LN 0020  7 units from Natural Sciences.
LN 0030  7 units from Social Sciences.

RQ 3415  Additional Area Distribution Requirement, 3 units in each of 3 of the following 5 areas: Humanities, Natural Science, Social Science, Mathematical & Symbolic Analysis and Creative Expression. Up to 9 units may be Interdisciplinary.
Effective Date FA05/1560 09/06/2005
LN 0010  3 additional units from Humanities.
LN 0020  3 additional units from Natural Sciences.
LN 0030  3 additional units from Social Sciences.
LN 0040  3 units from Mathematical and Symbolic Analysis.
LN 0050  3 units from Creative Expression.
LN 0060  3 units from Interdisciplinary.
LN 0070  3 additional units of Interdisciplinary.
LN 0080  3 additional units of Interdisciplinary.
Effective Date FA02/1410 09/03/2002
LN 0010  3 additional units from Humanities.
LN 0020  3 additional units from Natural Sciences.
LN 0030  3 additional units from Social Sciences.
LN 0040  3 units from Mathematical and Symbolic Analysis.
LN 0050  3 units from Creative Expression.
LN 0060  3 units from Interdisciplinary.
LN 0070  3 additional units of Interdisciplinary.
LN 0080  3 additional units of Interdisciplinary.
Effective Date FA97/1060 09/03/1997
LN 0010  3 additional units from Humanities.
LN 0020  3 additional units from Natural Sciences.
LN 0030  3 additional units from Social Sciences.
LN 0040  3 units from Mathematical and Symbolic Analysis.
LN 0050  3 units from Creative Expression.