

2007-2009 DEGREE PLAN: BS IN MATHEMATICS

GENERAL EDUCATION REQUIREMENTS (44-46 HOURS):

MATHEMATICS COURSES:

All courses require MATH 2414

- ___ English Composition, 6 sch: ENGL 1301, 1302
- ___ MATH 2415 Calculus III, 4 sch
- ___ Literature, 3 sch: ENGL 2322, 2323, 2327, 2328
- ___ MATH 3301 Statistics, 3 sch
- ___ Science with lab, 8 sch: Biology, Chemistry,
___ MATH 3305 Mathematical Reasoning, 3 sch
Geology, Physics
- ___ MATH 3310 Linear Algebra, 3 sch
- ___ U.S. History, 6 sch: HIST 1301, 1302
- ___ MATH 3315 Algebraic Structures, 3 sch
(pre: MATH 3305)
- ___ U.S. & State Govt, 6 sch: PLSC 2305, 2306
- ___ MATH 3360 Intermediate Analysis, 3 sch
(pre: MATH 3305)
- ___ Communication, 3 sch: COMM 1311, 1315,

Additional: MATH 3300, MATH 3308, MATH 3350 and 1321,
2320 MATH 4350 may suit students interested in teacher
certification.

- ___ MATH 2413 Calculus I, 3/4 sch
- ___ MATH 3xxx or 4xxx
- ___ MATH 2414 Calculus II, 3/4 sch
- ___ MATH 3xxx or 4xxx
- ___ Visual or performing arts, 3 sch
- ___ MATH 3xxx or 4xxx
- ___ Social science, 3 sch

DEPARTMENTAL REQUIREMENTS:

Students who seek teacher certification at EC-4 are not
required to complete a minor, but should complete a
minimum of 24 credits in their second teaching field.

- ___ Programming, 3 sch: COSC 1335, 1430, or 2320
- ___ Environmental Ethics, 3 sch: NTSC 4301
- ___ History & Philosophy of Science, 3 sch: NTSC 4311
- ___ Literature, 3 sch, preferably at 3xxx or 4xxx level

MINOR:

The requirements of each minor are listed in the UTPB catalog
under the discipline of the minor. A common requirement

HOURS FROM OTHER INSTITUTIONS, IF ANY:

is for 18 sch, of which 9 sch are upper level.

To graduate, a student must have:

- At least 120 sch in total from courses at UTPB or
accepted for transfer;
- At least 54 sch from upper level courses at UTPB or
upper level courses transferred;
- At least 30 from UTPB.

Freshman/sophomore total transferred: _____

Freshman/sophomore total UTPB: _____

Junior/senior level total transferred: _____

Junior/senior level total UTPB: _____

FURTHER NOTES ON GRADUATING:

1. **It is the student's responsibility to read the UTPB catalog
and be familiar with and fulfill all the requirements for
the B.S. degree.**
2. A candidate must receive a C grade in all courses that
fulfill either a General Education requirement or a major
requirement.
3. A candidate must maintain a grade point average of at
least 2.0 (or C) in all courses applicable toward the B.S.
degree.