## NEW COURSE REQUEST-FORM B

- Allow at least 6 months to complete the entire approval process.
- Please refer to the Form B Instructions at www.unm.edu/~unmreg
- Four sets of forms must be collated and submitted.

Submission Date 11 / $10 \quad / 20 \underline{19}$
Name of Faculty Member Initiating Request Milo Schield
Initiator's Position / Title Research Professor
College Albuquerque
Department Dept of Mathematics and Statistics
Phone $\qquad$ Email SchieldMilo@UNM.edu

1. Department Chair
2. College or School Curricula Committee
3. College or School Faculty (if necessary)
4. College or School Dean/Dean of Instruction
5. Office of Registrar-Catalog
6. Director of Relevant Library
7. FS Graduate Committee (graduate courses)
8. FS Undergraduate Committee (undergraduate courses)
9. FS Curricula Committee 10. Associate Provost for Academic Affairs
Branches Only - course is

Type 1Type 2Type 3
A. A1. Attach four copies of a precise, complete catalog listing of the proposed new course following the current format used in the printed UNM catalog. The listing must include the course subject code and the course number, long title, credit hour value, and course description (no more than 35 words). To indicate graduate credit for course numbers outside of 500-699, an asterisk (*) should precede the course number.
A2. Attach four copies of a course syllabus and bibliography (include suggested course text and schedule of topics covered in the course).
B. B1. Course Subject Code_MATH B2. Course Number_1340_B3. Proposed Effective Term Fall, 2020

B4. Long Course Title (up to 100 letters, including spaces):
Statistical Literacy

B5. Proposed Short Course Title (up to 30 letters, including spaces):

| S | T | A | T | I | S | T | I | C | A | L |  | L | I | T | E | R | A | C | Y |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

B6. College Arts and Sciences B7. Department $\xrightarrow{\text { Dept of Mathematics and Statistics } B 8 . ~ C I P ~ C o d e ~} 27.0599$
(assigned by Assoc. Provost for Academic Affairs)

| B9. Credit Hours |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
|  | Fixed <br> Credit | Variable Credit |  |  |
|  | Low | Or / To | High |  |
| Credit <br> Hours | 3 |  |  |  |
| Lecture <br> Hours | 3 |  |  |  |
| Lab <br> Hours |  |  |  |  |

B10. Repeat Rules
Is the course repeatable for credit? Yes $\mathbb{\text { No }} \square$

- The course may be repeated $\qquad$ times (exclusive of the first time).


## AND / OR

- The course may be repeated for $\qquad$ hours (inclusive of the first time)

B11. Course Level (check one only): UG $\boxtimes \quad$ GR $\square$ Law $\square$ PharmD $\square$ MedD $\square$
$\square$ Graduate credit for course numbers outside of 500-699 (requiring an asterisk before the number)
If graduate credit is available for courses numbered outside of 500-699, complete section F1.
B12. Grade Options: The standard grading scale in the catalog will be applied to this course. Yes $\boxtimes$ No $\square$ If no, select the appropriate option and complete section F2.
$\square \quad$ The grade scale will be exclusively CR/NC.
$\square$ The grade scale will be an alternative to the standard scales in the catalog.
B13. List all schedule type(s) (may be more than one):
a. LECTURE
b. $\qquad$ c. $\qquad$ d. $\qquad$ e. $\qquad$
C. C1. Co-requisites to this course: a. $\qquad$ b. $\qquad$ c.

If this course is a new co-requisite to those listed, you must submit a Form A for each course that is affected. Note: Please see the instructions for information on one-way vs. two-way co-requisites.
C1a. If the co-requisite course exists in another department, the co-requisite offering department must approve it as well.

| Department | a. | b. | c. |
| :--- | :--- | :--- | :--- | :--- |
| Course |  |  |  |
| Chair Name |  |  |  |
| Chair <br> Signature |  |  |  |

C2. Crosslisted courses: Complete the table, including signatures from all departments offering the crosslisted courses.

| Department | a. | b. | c. | d. | e. |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Subject Code <br> \& Number |  |  |  |  |  |  |
| Chair Name |  |  |  |  |  |  |
| Chair <br> Signature |  |  |  |  |  |  |

C3. Course Fees: Yes $\square$ No $\boxtimes$ If yes, attach a completed, signed Special Course Fees Approval Form from the office of the Associate Provost for Academic Affairs.

C4. Is this course elective $\boxtimes$ or required $\square$ for a degree program? If required, submit a Form $\mathbf{C}$ as well.
C5. Branches Only: Is this course: Occupational $\square$ Technical $\square$ Academic $\square$ (Please check one)
D. D1. Restrictions. List any restrictions placed on students for registration in any section of this course. If none, write "None" in the box.

## None

D2. Pre-requisites for Course: If the course has pre-requisites, list all of them, including course subject code and course number or test name and test score for each one. Be sure to include the appropriate conjunction (and / or) between each item and between any sets of pre-requisites. If any of the pre-requisites come from another department, have the department chair sign to acknowledge awareness of those relationships. If none, write "None" in the box.
(MATH 101 and MATH 102) or (MATH 118 and MATH 119) or MATH 120 or MATH 121 or MATH 123 or MATH 150 or MATH 162 or MATH 163 or MATH 180 or MATH 181 or MATH 264 or ACT Math $=>22$ or SAT Math Section $=>540$ or ACCUPLACER Elementary Algebra =66-103 or ACCUPLACER College-Level Math =37-68. $\{$ Summer, Fall, Spring $\}$

For courses outside the offering department to be used as pre-requisites:

Department Chair Signature
Department Chair Signature
Department Chair Signature
E. E1. Does this course duplicate any content in the current UNM Catalog? Yes $\square$ No $\boxtimes$

If yes, complete the following table:

| Department Name | Duplicate Course | Department Chair | Chair Signature | Check One: |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | AGREE TO DUPLICATE |  |
|  |  |  |  | DISAGREE TO DUPLICATE |  |
|  |  |  |  | AGREE TO DUPLICATE |  |
|  |  |  |  | DISAGREE TO DUPLICATE |  |
|  |  |  |  | AGREE TO DUPLICATE |  |
|  |  |  |  | DISAGREE TO DUPLICATE |  |

E2. Has this course been offered as a topic course? Yes $\square$ No $\boxtimes$ If yes, in which term(s), and to what average enrollment?

E3. Will this course replace a deleted course? Yes $\square$ No $\boxtimes$ If yes, which one? $\qquad$
If yes, and the deleted course is 100 or 200 level, has this change been discussed with all the branch campuses that offer this course? Yes No
Provide a statement below or attach a memo explaining how this replacement will impact Branch campuses and programs.
N/A
F. F1. Justification for Graduate Credit: If the course is numbered outside of $500-699$, indicate the nature of additional work to be required of graduate students.

N/A

F2. Justification for CR/NC or Alternative Grading Scale (include scale in justification):
N/A
G. G1. Budgetary and Faculty Load Implications. All new courses have such implications, even when replacing a deleted course.
a. Justification for offering the course:

Students in non-STEM majors need a statistics course that studies everyday statistics as evidence in arguments. This course complements the existing Introductory Statistics course: MATH 1350.
b. Impact on long-range planning for unit, school / college, and university:

If other departments decide to require Statistical Litearcy, this could lead to an increase in the number of sections that need to be offered after the first two years.
c. Budget and faculty load data:

Since it involves converting sections of MATH 1350 to Statistical Literacy (along with their instructors), there is no expectation of a change in total sections, faculty load or Math-Stat budget for the first two years.

G2. Relevant Library Impact Statement: Complete below or attach a signed memo.
No direct library impact. Students may access more journal articles online.
H. Required Signatures:

| Office |  | Signature |
| :--- | :--- | :--- |
| 1. Department Chair |  | Date |
| 2. College or School Curricula <br> Committee |  |  |
| 3. College or School Faculty <br> (if necessary) |  |  |
| 4. College or School Dean / <br> Dean of Instruction |  |  |
| 5. Office of Registrar-Catalog |  |  |
| 6. Director of Relevant Library |  |  |
| 7. FS Graduate Committee <br> (graduate courses) |  |  |
| 8. FS Undergraduate Committee <br> (undergraduate courses) |  |  |
| 9. FS Curricula Committee |  |  |
| 10. Associate Provost for Academic <br> Affairs |  |  |

After securing departmental approval, send this form and all attachments, collated into 4 sets of documents, to the Registrar's Catalog Office, which retains the original and returns copies to the department and college office.

For Registrar's Office Use ONLY (After approval by Faculty Senate Curricula Committee):
Entered in Banner $\qquad$ Entered in Catalog $\qquad$ Copies Mailed $\qquad$
Attributes: 1. $\qquad$ 2. $\qquad$ 3. $\qquad$ 4 $\qquad$
Grade Modes $\qquad$

