



**SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS**

New Course Request

SDSU	College of Education and Human Sciences / School of Education, Counseling and Human Development	
Institution	Division/Department	
Dennis D. Hedge		2/13/2025
Institutional Approval Signature		Date

Section 1. Course Title and Description

Prefix & No.	Course Title	Credits
ECE 400	Science, Social Studies, and Math in ECE	3

Course Description
This inquiry-based science, social studies, and math methods course explores teaching methods for birth to grade 3. Teacher candidates will consider contemporary topics and develop inclusive methods of infusing such topics through an integrative hands-on/minds-on learning approach, including designing, delivering, and evaluating instructional strategies and processes.

Pre-requisites or Co-requisites

Prefix & No.	Course Title	Pre-Req/Co-Req?
None		

Registration Restrictions

None

Section 2. Review of Course

2.1. Will this be a unique or common course?

Unique Course

Prefix & No.	Course Title	Credits
ECE 322	Contemporary Curriculum in ECE	3
MATH 345L	Mathematics for Primary Grades II	1

Provide explanation of differences between proposed course and existing system catalog courses below:

The current ECE 322 Contemporary Curriculum in ECE course covers both social studies and science, but due to the requirements of the Praxis certification exam, students need more in-depth coverage of these subjects to succeed. The course currently includes many other topics, which leaves insufficient time and focus on science and social studies. Additionally, because the ECE program emphasizes inquiry-based and integrated curricula, it became clear that math methods should also be incorporated to address STEAM and STEM topics, which are vital in today's classrooms. As a result, MATH 345L will no longer be offered, and its content will be transferred to this course, allowing students to learn and integrate math methods within the curriculum.

Section 3. Other Course Information

3.1. Are there instructional staffing impacts?

No. Schedule Management, explain below: Workload is available to offer this course. The school will no longer offer sections of MATH 345L Mathematics for Primary Grades II and EPSY 201 The Science of Learning.

3.2. Existing program(s) in which course will be offered: Early Childhood Education – Birth to Grade 3

(B.S.)

3.3. Proposed instructional method by university (as defined by AAC Guideline 2.4.3.A): R - Lecture

3.4. Proposed delivery method by university (as defined by AAC Guideline 2.4.3.B and 2.4.3.B(A-1)): 001 - Face to Face, 015 - Online Asynchronous, 018 - Online Synchronous, 030 - Hybrid F2F

3.5. Term change will be effective: Fall 2025

3.6. Can students repeat the course for additional credit? Yes, total credit limit: No

3.7. Will grade for this course be limited to S/U (pass/fail)? Yes No

3.8. Will section enrollment be capped? Yes, max per section: No

3.9. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database in Colleague and the Course Inventory Report? Yes No

3.10. Is this prefix approved for your university? Yes No

Section 4. Department and Course Codes (Completed by University Academic Affairs)

4.1. University Department: School of Education, Counseling and Human Development

4.2. Banner Department Code: SECH

4.3. Proposed CIP Code: 13.1210

Is this a new CIP code for the university? Yes No

**NEW COURSE REQUEST
Supporting Justification for On-Campus Review**

Mary Bowne	Mary Bowne	1/7/2025
Request Originator	Signature	Date
Anne Karabon	Anne Karabon	1/7/2025
Department Chair	Signature	Date
Evan Ortlieb	Evan Ortlieb	1/7/2025
School/College Dean	Signature	Date

1. Provide specific reasons for the proposal of this course and explain how the changes enhance the curriculum.

ECE 400 is an inquiry-based science, social studies, and math methods course that will explore teaching methods for birth to grade 3. Teacher candidates will consider contemporary topics and develop inclusive methods of infusing such topics through an integrative hands-on/minds-on learning approach, including designing, delivering, and evaluating instructional strategies and processes. Currently ECE 322 Contemporary Curriculum in ECE covers both social studies and science, but due to the requirements of the Praxis certification exam, students need more in-depth coverage of these subjects to do well in those areas. ECE 322 teaches several other topics and content, not giving adequate time and information to students in both science and social studies. In addition, because the ECE program believes in using an inquiry-based philosophical approach as well as integrated forms of curriculum, it was clear that Math methods should also be included so that STEAM and STEM could be addressed within this course as critical topics in today's classrooms and beyond. More time and additional information could be provided to students by offering this new course.

2. Note whether this course is: Required Elective

3. In addition to the major/program in which this course is offered, what other majors/programs will be affected by this course?
None

4. If this will be a dual listed course, indicate how the distinction between the two levels will be made.
N/A

5. Desired section size 30

6. Provide qualifications of faculty who will teach this course. List name(s), rank(s), and degree(s).
Mary Bowne, Professor, Ed.D.

Kay Cutler, Professor, Ph.D.

Heidi Sackreiter, Assistant Professor, Ed.D.

Anne Karabon, Associate Professor, Ph.D.

Laura Gloege, Lecturer, M.S.

7. Note whether adequate facilities are available and list any special equipment needed for the course.
The current facilities and equipment will be sufficient to support this class.
8. Note whether adequate library and media support are available for the course.
Current library and media resources are sufficient to support this course.
9. Will the new course duplicate courses currently being offered on this campus? Yes No
10. If this course may be offered for variable credit, explain how the amount of credit at each offering is to be determined.
N/A