SECONDARY EDUCATION (SEED) MINOR

PROGRAM MANUAL

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General Information

Program Contacts

Program Inquiries: SEEDMinor@tamu.edu

Program Overview

The mission of the SEED Minor is to provide teacher preparation and certification, through the coursework set by the Department of Teaching, Learning and Culture, for degree seeking students, having at least three semesters remaining until graduation, enrolled at Texas A&M University.

The SEED Minor requires 18 credit hours of coursework, inclusive of pedagogy and clinical experiences to be completed while concurrently completing the coursework in the student's major. While outside of the 18 hours required to complete the SEED minor, educator preparation through the program culminates in a clinical teaching experience. Clinical teaching is a required component for certification.

Minor Offered: Secondary Education (SEED Minor)

Certifications Offered:
A minimum of 12-15 certification area credit hours are required prior to applying. Candidates must meet the minimum overall GPA of 2.75, and minimum content area GPA of 2.5 to be eligible for certification.

Certification Area	Content Hours Required
Chemistry 7-12	15 Hours Required
Dance 6-12	12 Hours Required
English Language Arts and Reading 4-8	12 Hours Required
English Language Arts and Reading 7-12	12 Hours Required
History 7-12	12 Hours Required
Life Science 7-12	15 Hours Required
Mathematics 7-12	15 Hours Required
Mathematics/Physical Science/Engineering 6-12 (MXET majors only)	15 Hours Required
Physical Science 7-12	15 Hours Required
Physics/Mathematics 6-12	15 Hours Required
Science 7-12	15 Hours Required
Social Studies 7-12	15 Hours Required
Spanish EC-12	12 Hours Required
Theatre EC-12	15 Hours Required

Program Expectations

To apply for the SEED minor, applicants must meet the following criteria:

- Be a currently enrolled undergraduate at Texas A&M University
- Minimum 3 semesters remaining in undergraduate coursework
- Successfully completed 15 credit hours in the sought certification area
    - Minimum 2.5 content hour GPA
- Minimum 2.75 cumulative GPA

Applicants meeting the admission requirements will be invited to apply into the educator preparation program (EPP) and complete an application reviewed by faculty. Admission must be granted into the EPP for certification purposes. Once admitted into the SEED minor program, candidates cannot switch certification areas.

Those enrolled within the SEED minor must comply with expectations held for pre-service teachers (PSTs) enrolled in an EPP.

SEED minor candidates must complete 18 hours of coursework offered by TLAC, which is inclusive of required pedagogical coursework, as well as clinical coursework tied to field experiences. To review each minor certification plan in full, please review the respective appendix.

To meet certification requirements, candidates must maintain at least a 2.75 GPA in minor coursework, attend to all certification exam requirements, and successfully complete the clinical teaching experience. Candidates will be certified upon completion of a clinical teaching experience. As clinical teaching coursework exists outside of the 18 hours required for the SEED minor, students can opt to add the Secondary Education-Clinical Teaching (SECT) minor to include clinical teaching coursework within the student's overall program of study. Refer to page 9 of this manual for additional information.

If a SEED minor candidate wishes to drop the minor from their program of study, written communication regarding the intent to withdraw must be given to the candidate's home advisor as well as the Office of Educator Preparation Programs and Certification as students must be formally withdrawn from the EPP.

If a SEED minor candidate:

- Fails to meet academic standards
- Commits violations of professional conduct and ethics
- Has performance and program compliance issues
- Is dismissed or suspended from the university or college of study
- Voluntarily withdraws

The SEED minor candidate may be subject to exit from the EPP. The Exit Policy, as outlined in the Educator Preparation Handbook, will be followed.

Program Timeline

Prior to Admission:

SEED Minor Applicants must:

1. Meet all admissions requirements as listed above
2. Meet with their major advisor to ensure their degree plan can accommodate the SEED minor
3. Email SEEDMinor@tamu.edu to schedule a pre-admission appointment
4. Submit the application (application information to be provided after pre-admission appointment)

Applicants may opt to take required pedagogical coursework (e.g. INST 210, INST 222, RDNG 465) prior to formal admission into the program but must be formally admitted into the program to proceed forward into clinical coursework. Should coursework be taken prior to the formal admission into the minor, coursework may not count towards the applicant's degree program, or may need to be repeated, and therefore may not be covered by financial aid.

Admission:

Once applicants submit the application, and if approved for admission, the SEED Minor Coordinator from the Office for Educator Preparation Programs and Certification will reach out to the student's major advisor to have the minor added to the degree. Formal admission must precede forward movement into clinical coursework.

Pathway to Certification:

Teacher certification is tied directly to coursework within the SEED minor program. All 18 hours of coursework, field-based experiences tied to clinical coursework, certification exams as well as a clinical teaching experience, must be completed to matriculate towards clinical teaching and ultimately be recommended for certification to abide by state requirements (please see the Appendices for specific pathway information). While pedagogical content coursework may be taken concurrently, clinical coursework cannot be taken concurrently, with itself.

Candidates must abide by the certification exam deadlines as set within their clinical coursework. **Candidates who have not met certification exam deadlines will not be permitted to move forward into clinical teaching.**

Early Field Expectations (C1/ EF1, C2/EF2, C3/EF3)

Objectives

Pre-service teachers (PSTs) are enrolled in the Texas A&M University EPP that leads to teacher certification. Those within the program must successfully complete the degree plan and all Texas Education Agency (TEA) requirements for certification.

Early field experience is an opportunity for public school educators, university professionals, and PSTs to work collaboratively to strengthen both the profession of teaching and the opportunities for university students to engage in authentic learning experiences.

SEED minor candidates will adhere to all practices and policies specified in the Early Field Handbook.

Expectations

• Arrive on time and remain at the assigned campus until the end of the assigned block. Adhere to established school start and end times, especially regarding arriving prior to the start of the school day. Arriving late reflects poorly on PST professionalism and Texas A&M University.

• Candidates enrolled in any clinical course must complete their assigned field block each week

• Candidates will not leave the school building during the instructional day.

• Candidates will remain on campus and engaged with instructional support, observation, or monitoring if adjustments (such as testing or conferences) in the instructional day necessitate classroom schedule modifications.

• Candidates will communicate with the mentor teacher and university supervisor immediately in any case of emergency, tardiness, or absence, and document the absence in the AEP. Candidates must also make up the day and complete an updated, corresponding time log.

• Candidates will submit time log daily in the AEP.

• The mentor teacher will approve attendance each week.

• Candidates will not change field days to accommodate a school or personal schedule change.

Early Field Paperwork and Forms

All paperwork, including the PST commitment contract, must be completed and submitted at least 72 hours in the Aggie Educator Portal (AEP) prior to the first field day. Placements will not be provided until

all requirements have been met. Those enrolled in C2 must complete the Ethics Module. Those enrolled in C3 must have attempted their primary content certification exam to receive their field placement.

Before receiving field placement assignments, PSTs must provide proof of professional liability insurance to the instructor/university supervisor through the AEP. Proof of insurance must also be approved within the AEP. Professional insurance is available at no charge through several professional teachers' organizations, including the Texas State Teachers Association, Texas Classroom Teachers Association, and Association for Professional Educators.

PSTs with attendance accommodations, physical mobility, or communication considerations who are enrolled in courses related to a teacher certification program should share a copy of their accommodations letter with the SEED Program Coordinator (SEEDMinor@tamu.edu) and their academic advisor so that potential accommodation needs can be discussed before placement and/or for courses.

Clinical 1 & 2

(TEFB 322 and, or 324)

AEP Documentation

Clinical 2 Section Uploads:

• Proof of Insurance

• Proof of Background Check

• Absence Documentation (as needed)

Other Documents

• Emergency Contact Form (submit)

• Risk Waiver (upload)

• FERPA Release (upload)

• Child Protection Training

Required Pass/Fail Tasks

• Modules - PSTs are required to complete multiple modules during Clinical 2. Verification of module completion and certificate upload to the AEP will be required to complete Clinical 2 successfully. The following modules are pass/fail components of the Clinical 2 semester:

- Code of Ethics – prior to receiving field placement
- Child Protection Training – prior to receiving field placement

- Dyslexia
- Mental Health
- Youth Suicide
- Substance Abuse
- First Days of School

• 240 Tutoring-primary content, STR (if required)

• Time Log—including daily reflections

• Reflections and Observations – Students must reflect in the time log, located in the AEP, following each day in the field.

Each PST will have two observations during Clinical 2. Following each field observation, the university supervisor will upload notes and reflection prompts to the AEP. Once posted, the PST will get an email link to complete the online observation reflection. PSTs must substantively reflect within 48 hours of receiving the email link and maintain a professional and reflective stance when crafting a response. Note that the assigned mentor teacher is able to view the response. Both substantive observation reflections must be posted in order for Clinical 2 instructors to post final grades.

Clinical 3

(DCED 401, GLST 444, MEFB 450, RDNG 470 & 490, TEFB 406, TEFB 407, THEA 401)

AEP Documentation

Clinical 3 Section:

• Proof of Insurance

• Proof of Background Check

• Emergency Contact Form (Review/Revise)

• Absence Documentation (as needed)

Required Pass/Fail Tasks

• 240 Tutoring-PPR

• Time Log—including daily reflections

Each PST will have four observations during Clinical 3. One takes place before the mid-term and one after the mid-term. Following each field observation, the university supervisor will upload notes and reflection prompts to the AEP. Once posted, the PST will get an email link to complete the online observation reflection. PSTs must substantively reflect within 48 hours of receiving the email link and

maintain a professional and reflective stance when crafting a response. Note that the assigned mentor teacher can view the response. Both substantive observation reflections must be posted for Clinical 3 instructors to post final grades.

Clinical Teaching Expectations (C4/CT)

Objectives

Clinical teaching is the culminating experience in the teacher education program at Texas A&M University. It requires the display of knowledge, skills, and attitudes about teaching and learning that have accrued through the undergraduate experience. The clinical teaching experience takes place 5 full days a week and is a **70-day placement**.

The clinical teaching semester is a valuable professional experience in teacher preparation since it represents the bridge between professional preparation and professional practice. Clinical experiences are designed to provide opportunities for students to engage, plan, implement, and evaluate instructional materials and techniques to meet the varied learning needs of students.

The success of the clinical teaching semester will depend on the cooperative efforts of many people. The expectation is that the clinical teacher, cooperating teacher and the university supervisor form a triad with closely connected goals, resulting in a positive and memorable clinical teaching experience. Texas A&M University Clinical Teaching aims and expects that all participants will become reflective professional educators who facilitate successful student learning. It is intended that the schools, the University, and the clinical teacher will benefit from this cooperative learning experience.

SEED minor teacher candidates will adhere to all practices and policies specified in the Clinical Teaching Handbook.

Clinical Teaching Policies and Procedures

Overview

SEED minor candidates, upon successful completion of minor coursework, and having met certification-related standards upheld by the EPP, may be moved forward into the culminating clinical teaching experience to complete the requirements as related to certification. Successful completion of clinical teaching is required to be recommended for certification.

Secondary Education-Clinical Teaching Minor

As clinical teaching coursework exists outside of the 18 hours required for the SEED minor, students can opt to add the Secondary Education-Clinical Teaching (SECT) minor to include clinical teaching coursework within the student's overall program of study for clinical teaching hours to count for financial aid. The SECT minor must be added alongside the SEED minor.

Interested students will apply for the SECT minor during their Clinical 3 semester. The application will be closed for review prior to the beginning of pre-registration for the next semester. Eligible applicants will have the SECT minor added by their home advisor before the end of pre-registration.

U5 Status

Students are expected to complete their clinical teaching while still enrolled at Texas A&M. However, exemptions may be made in extenuating circumstances. This decision is made by the Associate Department Head for Undergraduate Studies in the Department of Teaching, Learning and Culture, the Lead of the Field Experiences team, and the Program Manager for the SEED minor in the College of Education and Human Development.

Students needing to consider the U5 status must be aware of the following:

- An application for a U5 designation will not be processed until the primary content exam is passed
    - If the primary content exam is not passed by the set deadline, students are ineligible to appeal for an additional attempt and pursue U5 status
- Becoming a U5 may include a loss or reduction of aid previously received as an undergraduate, as well as the start of the federal loan grace period and an earlier timeline for beginning repayment.
    - Consult with Aggie One Stop to review and confirm these financial implications before making a final decision.
    - If financial aid is needed, students can adopt the Secondary Education-Clinical Teaching Minor to have clinical teaching hours incorporated into the program of study.
- U5s must complete their clinical teaching during the long semester following their graduation. Failure to do so will be considered a break in continuous enrollment and will result in an ineligibility to clinical teach.

If candidates must graduate before completing clinical teaching, the below steps to be granted U5 status must be followed:

1. **Contact the SEED minor Program Coordinator**
    a. Candidates seeking U5 status must get in touch with the coordinator in order to initiate the discussion of status, and for a decision to be made by department and EPP leadership.
    b. It is recommended that candidates wait to apply for graduation until a decision is made.
2. **Apply to Graduate**
3. **Request the Form**
    a. The Office of Educator Preparation Programs & Certification in the College of Education & Human Development will provide the “Intent to Graduate Prior to Clinical Teaching From Texas A&M University” form upon request.
4. **Complete the Form**

   a. Candidates will fill out the form completely and submit it to the SEED minor program coordinator.

5. **Form Approval**
   a. The SEED minor program coordinator will send the completed form to the Certification Officer. The Certification Officer will review the form and, if they agree, sign it as the last required approval.
6. **Final Processing**
   a. After signing, the Certification Officer will send your form to the CEHD Assistant Undergraduate Dean's Executive Assistant. The Executive Assistant will forward it to the Registrar's Office, which will finalize your U5 status.

As clinical teaching is an additional semester of coursework outside of the SEED minor, candidates may opt to add the Secondary Education-Clinical Teaching minor to their degree plan so that clinical teaching coursework may be tied into a candidate's program of study.

Candidates must complete the following:

- Clinical Teacher Acknowledgement Form (Required, found in the Clincal Teaching Handbook)
- Submit proof of Professional Liability Insurance in the AEP
- Documentation as required by the school site
- Daily time log and reflection within the AEP

Formal and Informal Observations

Supervisors conduct a pre-conference prior to each formal observation. Four formal observations are completed by the university supervisor. Following each observation, the supervisor discusses progress during an interactive post- conference with the clinical teacher. Clinical teachers must submit a reflection based on each formal observation within 48 hours of receipt. The formal observations are submitted electronically and are based on the T-TESS Appraisal Framework.

The university supervisor will conduct 3 informal observations throughout the semester based on a targeted goal to guide growth and development.

At the initial, midpoint, and conclusion of clinical teaching, the cooperating teacher and university supervisor meet to discuss progress, followed by a three-way conference and evaluation. Supervisors and cooperating teachers will review development and discuss formal/informal observations during the conference. Clinical teachers must submit a reflection based on each evaluation. The evaluations are submitted electronically and are based on the T-TESS Appraisal Framework.

The Texas Teacher Evaluation and Support System (T-TESS) is the recommended teacher appraisal system for the state of Texas designed by educators to support teachers in their professional growth. For more information, please visit https://teachfortexas.org.

Americans with Disabilities Act Policy Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information, visit http://disability.tamu.edu

Texas A&M University is committed to providing equitable access to learning opportunities for all students. If you experience barriers to your education due to a disability or think you may have a disability, please contact Disability Resources in the Student Services Building or at (979) 845-1637 or visit disability.tamu.edu. Disabilities may include, but are not limited to, attentional, learning, mental health, sensory, physical, or chronic health conditions. All students are encouraged to discuss their disability related needs with Disability Resources and their instructors as soon as possible.

Academic Integrity Statement and Policy

"An Aggie does not lie, cheat or steal, or tolerate those who do."

Academic integrity is an essential force in the academic life of a university. It enhances the quality of education and celebrates the genuine achievements of others. It is, without reservation, a responsibility of all members of the Texas A&M University Community to actively promote academic integrity. Apathy or acquiescence in the presence of academic dishonesty is not a neutral act -- failure to confront and deter it will reinforce, perpetuate, and enlarge the scope of such misconduct. Failure to comply with the honor code in any way can lead to dismissal from program. The decision to be removed from the program is made at the departmental level. For further information: https://student-rules.tamu.edu/aggiecode/

Resources

Program Contacts

- Dr. Sharon Matthews-Associate Department Head, Department of Teaching, Learning and Culture
  - Sharon.Matthews@tamu.edu
- Sydney Zentell-Program Manager, Secondary Education
  - SZentell@tamu.edu
- Joanna Hundl-Program Coordinator, SEED Minor
  - JoannaHundl@tamu.edu

Field Experiences Handbooks

- C1/C2/C3
  - Early Field Handbook.
- Clinical Teaching
  - Clinical Teaching Handbook and Resources

Appendix A

Secondary Education Certification Plan
Chemistry 7-12

SEED Minor Admission Requirements

- Currently enrolled as an undergraduate student at Texas A&M University
- Minimum of 3 semesters remaining in undergraduate coursework
- 15 credit hours in certification content
- 2.75 overall GPA in undergraduate coursework
- 2.5 minimum GPA in major-area content hours
- aggieTEACH application & program acceptance

Required Minor/Teacher Certification Coursework

COURSE	HRS
INST 210: Understanding Special Populations summer online option	3
INST 222: Foundations of Education in a Multicultural Society	3
RDNG 465: Reading in the Middle and Secondary Grades	3
You must be formally admitted into the aggieTEACH SEED Minor program before registering for Clinical courses	
CLINICAL 1	
TEFB 322: Teaching and Schooling in Modern Society (field: ½ day/week)	3
CLINICAL 2	
TEFB 324: Teaching Skills II (field: ½ day/week)	3
CLINICAL 3	
TEFB 406: Science in the Middle & Secondary School (field: ½ day/week)	3
CLINICAL 4: ADDITIONAL SEMESTER (clinical teaching hours do not count toward the SEED minor, an additional SEED-Clinical teaching minor may be taken)	
MEFB 497, TEFB 429, or TEED 425: Clinical Teaching	6, 9, or 12

Required Certification Components

Note: These components are embedded into coursework and are pass/fail components of coursework

CLINICAL 2
Complete 240 Tutoring Modules for Content Exam
Content Exam Attempt before start of Clinical 3 semester
CLINICAL 3
Complete 240 Tutoring Modules for PPR Exam
Pass Content Exam by designated date in Clinical 3
Attempt PPR Exam
CLINICAL 4
Pass PPR Exam by designated date

Appendix B

Secondary Education Certification Plan

Dance 6-12

SEED Minor Admission Requirements

- Currently enrolled as an undergraduate student at Texas A&M University
- Minimum of 3 semesters remaining in undergraduate coursework
- 12 credit hours in certification content
- 2.75 overall GPA in undergraduate coursework
- 2.5 minimum GPA in major-area content hours
- aggieTEACH application & program acceptance

Required SEED/Teacher Certification Coursework

COURSE	HRS
INST 210: Understanding Special Populations	3
INST 222: Foundations of Education in a Multicultural Society	3
RDNG 465: Reading in the Middle and Secondary Grades **OR** RDNG 372: Reading & Writing Across the Middle Grades Curriculum	3
You must be formally admitted into the aggieTEACH SEED Minor program before registering for Clinical courses	
CLINICAL 1	
TEFB 322: Teaching and Schooling in Modern Society (field: ½ day/week)	3
CLINICAL 2	
TEFB 324: Teaching Skills II (field: ½ day/week)	3
CLINICAL 3	
DCED 401: Dance Pedagogy: (field: ½ day/week)	3
CLINICAL 4 ADDITIONAL SEMESTER (clinical teaching hours do not count toward the SEED minor, an additional SEED-Clinical Teaching minor may be taken)	
TEFB 426 or TEED 425: Clinical Teaching	6, 9, or 12

Required Certification Components

Note: These components are embedded into coursework and are pass/fail components of coursework

CLINICAL 2
Complete 240 Tutoring Modules for Content Exam
Content Exam Attempt before start of Clinical 3 semester
CLINICAL 3
Complete 240 Tutoring Modules for PPR Exam
Pass Content Exam by designated date in Clinical 3
Attempt PPR Exam
CLINICAL 4
Pass PPR Exam by designated date

Appendix C

Secondary Education Certification Plan
ELAR 7-12

SEED Minor Admission Requirements

- Currently enrolled as an undergraduate student at Texas A&M University
- Minimum of 3 semesters remaining in undergraduate coursework
- 15 credit hours in certification content
- 2.75 overall GPA in undergraduate coursework
- 2.5 minimum GPA in major-area content hours

Required SEED Minor/Teacher Certification Coursework

COURSE	HRS
INST 210: Understanding Special Populations	3
INST 222: Foundations of Education in a Multicultural Society	3
RDNG 371: Multicultural & Interdisciplinary Literature in Middle Grades	3
You must be formally admitted into the aggieTEACH SEED Minor program before registering for Clinical courses	
CLINICAL 2	
TEFB 324: Teaching Skills II (field: ½ day/week)	3
CLINICAL 3	
RDNG 470: Reading Language Arts Methods **AND** RDNG 490: Assessment in Reading Instruction in Middle Grades (Taken concurrently, field: 1 day/week)	3 3
CLINICAL 4 ADDITIONAL SEMESTER (clinical teaching hours do not count toward the SEED minor, an additional SEED-Clinical Teaching minor may be taken)	
MEFB 497, TEFB 429, or TEED 425: Clinical Teaching	6, 9, or 12

Required Certification Components

Note: These components are embedded into coursework and are pass/fail components of coursework

CLINICAL 2
Complete 240 Tutoring Modules for Content Exam
Content Exam Attempt before start of Clinical 3 semester
CLINICAL 3
Complete 240 Tutoring Modules for PPR Exam
Pass Content Exam by designated date in Clinical 3
Attempt PPR Exam
CLINICAL 4
Pass PPR Exam by designated date

Appendix D

Secondary Education Certification Plan
History 7-12

SEED Minor Admission Requirements

- Currently enrolled as an undergraduate student at Texas A&M University
- Minimum of 3 semesters remaining in undergraduate coursework
- 12 credit hours in certification content
- 2.75 overall GPA in undergraduate coursework
- 2.5 minimum GPA in major-area content hours
- aggieTEACH application & program acceptance

Required SEED Minor/Teacher Certification Coursework

COURSE	HRS
INST 210: Understanding Special Populations	3
INST 222: Foundations of Education in a Multicultural Society	3
RDNG 465: Reading in the Middle and Secondary Grades	3
You must be formally admitted into the aggieTEACH SEED Minor program before registering for Clinical courses	
CLINICAL 1	
TEFB 322: Teaching and Schooling in Modern Society (field: ½ day/week)	3
CLINICAL 2	
TEFB 324: Teaching Skills II (field: ½ day/week)	3
CLINICAL 3	
MEFB 450: Social Studies Methods in Middle Grades (field: 1 day/week)	3
CLINICAL 4: ADDITIONAL SEMESTER (clinical teaching hours do not count toward the SEED minor, an additional SEED-Clinical Teaching minor may be taken)	
MEFB 497, TEFB 429, or TEED 425: Clinical Teaching	6, 9, or 12

Required Certification Components

Note: These components are embedded into coursework and are pass/fail components of coursework

CLINICAL 2
Complete 240 Tutoring Modules for Content Exam
Content Exam Attempt before start of Clinical 3 semester
CLINICAL 3
Complete 240 Tutoring Modules for PPR Exam
Pass Content Exam by designated date in Clinical 3
Attempt PPR Exam
CLINICAL 4
Pass PPR Exam by designated date

Appendix E

Secondary Education Certification Plan

Life Science 7-12

SEED Minor Admission Requirements

- Currently enrolled as an undergraduate student at Texas A&M University
- Minimum of 3 semesters remaining in undergraduate coursework
- 15 credit hours in certification content
- 2.75 overall GPA in undergraduate coursework
- 2.5 minimum GPA in major-area content hours

Required Minor/Teacher Certification Coursework

COURSE	HRS
INST 210: Understanding Special Populations	3
INST 222: Foundations of Education in a Multicultural Society	3
RDNG 465: Reading in the Middle and Secondary Grades **OR** RDNG 372: Reading & Writing across the Middle Grades Curriculum	3
You must be formally admitted into the aggieTEACH SEED Minor program before registering for Clinical courses	
CLINICAL 1	
TEFB 322: Teaching and Schooling in Modern Society (field: ½ day/week)	3
CLINICAL 2	
TEFB 324: Teaching Skills II (field: ½ day/week)	3
CLINICAL 3	
TEFB 406: Science in the Middle & Secondary School (field: ½ day/week)	3
CLINICAL 4: ADDITIONAL SEMESTER (clinical teaching hours do not count toward the SEED minor, an additional SEED-Clinical teaching minor may be taken)	
MEFB 497, TEFB 429, or TEED 425: Clinical Teaching	6, 9, or 12

Required Certification Components

Note: These components are embedded into coursework and are pass/fail components of coursework

CLINICAL 2
Complete 240 Tutoring Modules for Content Exam
Content Exam Attempt before start of Clinical 3 semester
CLINICAL 3
Complete 240 Tutoring Modules for PPR Exam
Pass Content Exam by designated date in Clinical 3
Attempt PPR Exam
CLINICAL 4
Pass PPR Exam by designated date

Appendix F

Secondary Education Certification Plan
Math 7-12

SEED Minor Admission Requirements

- Currently enrolled as an undergraduate student at Texas A&M University
- Minimum of 3 semesters remaining in undergraduate coursework
- 15 credit hours in certification content
- 2.75 overall GPA in undergraduate coursework
- 2.5 minimum GPA in major-area content hours
- aggieTEACH application and program acceptance

Required Minor/Teacher Certification Coursework

COURSE	HRS
INST 210: Understanding Special Populations	3
INST 222: Foundations of Education in a Multicultural Society	3
RDNG 465: Reading in the Middle and Secondary Grades **OR** RDNG 372: Reading & Writing across the Middle Grades Curriculum	3
You must be formally admitted into the aggieTEACH SEED Minor program before registering for Clinical courses	
CLINICAL 1	
TEFB 322: Teaching and Schooling in Modern Society (field: ½ day/week)	3
CLINICAL 2: 240 Tutoring Modules and Practice Exam	
TEFB 324: Teaching Skills II (field: ½ day/week)	3
CLINICAL 3: PPR Preparation 240 Tutoring	
TEFB 407: MATH in the Middle & Secondary School (field: ½ day/week)	3
CLINICAL 4: ADDITIONAL SEMESTER (clinical teaching hours do not count toward the SEED minor, an additional SEED-Clinical teaching minor may be taken, if needed)	
MEFB 497, TEFB 429, or TEED 425: Clinical Teaching	6, 9, or 12

Required Certification Components

Note: These components are embedded into coursework and are pass/fail components of coursework

CLINICAL 2
Complete 240 Tutoring Modules for Content Exam
Content Exam Attempt before start of Clinical 3 semester
CLINICAL 3
Complete 240 Tutoring Modules for PPR Exam
Pass Content Exam by designated date in Clinical 3
Attempt PPR Exam
CLINICAL 4
Pass PPR Exam by designated date

Appendix G

Secondary Education Certification Plan
Multidisciplinary Engineering Technology
MPSE 6-12

SEED Minor Admission Requirements

- Currently enrolled as an undergraduate student at Texas A&M University
- Minimum of 3 semesters remaining in undergraduate coursework
- 15 credit hours in certification content
- 2.75 overall GPA in undergraduate coursework
- 2.5 minimum GPA in major-area content hours

Required Minor/Teacher Certification Coursework

COURSE	HRS
INST 210: Understanding Special Populations	3
RDNG 465: Reading in the Middle and Secondary Grades	3
You must be formally admitted into the aggieTEACH SEED Minor program before registering for Clinical courses	
CLINICAL 1	
TEFB 322: Teaching and Schooling in Modern Society (field: 1/2 day/week)	3
CLINICAL 2	
TEFB 324: Teaching Skills II (field: ½ day/week)	3
EDCI 358: Instructional Methods in Engineering & Technology Education (Taken concurrently with C2 **OR** C3)	3
CLINICAL 3	
TEFB 406: Science in the Middle & Secondary School **OR** TEFB 407: Math in Middle & Secondary School (field: ½ day/week)	3
CLINICAL 4	
MEFB 497, TEFB 429, or TEED 425: Clinical Teaching	6,9, or 12

Required Certification Components

Note: These components are embedded into coursework and are pass/fail components of coursework

CLINICAL 2
Complete 240 Tutoring Modules for Content Exam
Content Exam Attempt before start of Clinical 3 semester
CLINICAL 3
Complete 240 Tutoring Modules for PPR Exam
Pass Content Exam by designated date in Clinical 3
Attempt PPR Exam
CLINICAL 4
Pass PPR Exam by designated date

Appendix H

Secondary Education Certification Plan
Physics/Math 7-12

SEED Minor Admission Requirements

- Currently enrolled as an undergraduate student at Texas A&M University
- Minimum of 3 semesters remaining in undergraduate coursework
- 15 credit hours in certification content
- 2.75 overall GPA in undergraduate coursework
- 2.5 minimum GPA in major-area content hours

Required Minor/Teacher Certification Coursework

COURSE	HRS
INST 210: Understanding Special Populations summer online option	3
INST 222: Foundations of Education in a Multicultural Society	3
RDNG 465: Reading in the Middle and Secondary Grades **OR** RDNG 372: Reading & Writing across Middle Grade	3
You must be formally admitted into the aggieTEACH SEED Minor program before registering for Clinical courses	
CLINICAL 1	
TEFB 322: Teaching and Schooling in Modern Society (field: ½ day/week)	3
CLINICAL 2	
TEFB 324: Teaching Skills II (field: ½ day/week)	3
CLINICAL 3	
TEFB 406: Science in the Middle & Secondary School (field: ½ day/week)	3
CLINICAL 4: ADDITIONAL SEMESTER (clinical teaching hours do not count toward the SEED minor, an additional SEED-Clinical teaching minor may be taken)	
MEFB 497, TEFB 429, or TEED 425: Clinical Teaching	6, 9, or 12

Required Certification Components

Note: These components are embedded into coursework and are pass/fail components of coursework

CLINICAL 2
Complete 240 Tutoring Modules for Content Exam
Content Exam Attempt before start of Clinical 3 semester
CLINICAL 3
Complete 240 Tutoring Modules for PPR Exam
Pass Content Exam by designated date in Clinical 3
Attempt PPR Exam
CLINICAL 4
Pass PPR Exam by designated date

Appendix I

Secondary Education Certification Plan

Physical Science 7-12

SEED Minor Admission Requirements

- Currently enrolled as an undergraduate student at Texas A&M University
- Minimum of 3 semesters remaining in undergraduate coursework
- 15 credit hours in certification content
- 2.75 overall GPA in undergraduate coursework
- 2.5 minimum GPA in major-area content hours

Required Minor/Teacher Certification Coursework

COURSE	HRS
INST 210: Understanding Special Populations	3
INST 222: Foundations of Education in a Multicultural Society	3
RDNG 465: Reading in the Middle and Secondary Grades **OR** RDNG 372: Reading & Writing across the Middle Grades Curriculum	3
You must be formally admitted into the aggieTEACH SEED Minor program before registering for Clinical courses	
CLINICAL 1	
TEFB 322: Teaching and Schooling in Modern Society (field: ½ day/week)	3
CLINICAL 2	
TEFB 324: Teaching Skills II (field: ½ day/week)	3
CLINICAL 3	
TEFB 406: Science in the Middle & Secondary School (field: ½ day/week)	3
CLINICAL 4: ADDITIONAL SEMESTER (clinical teaching hours do not count toward the SEED minor, an additional SEED-Clinical teaching minor may be taken)	
MEFB 497, TEFB 429, or TEED 425: Clinical Teaching	6, 9, or 12

Required Certification Components

Note: These components are embedded into coursework and are pass/fail components of coursework

CLINICAL 2
Complete 240 Tutoring Modules for Content Exam
Content Exam Attempt before start of Clinical 3 semester
CLINICAL 3
Complete 240 Tutoring Modules for PPR Exam
Pass Content Exam by designated date in Clinical 3
Attempt PPR Exam
CLINICAL 4
Pass PPR Exam by designated date

Appendix J

Secondary Education Certification Plan

Science 7-12

SEED Minor Admission Requirements

- Currently enrolled as an undergraduate student at Texas A&M University
- Minimum of 3 semesters remaining in undergraduate coursework
- 15 credit hours in certification content
- 2.75 overall GPA in undergraduate coursework
- 2.5 minimum GPA in major-area content hours

Required Minor/Teacher Certification Coursework

COURSE	HRS
INST 210: Understanding Special Populations	3
INST 222: Foundations of Education in a Multicultural Society	3
RDNG 465: Reading in the Middle and Secondary Grades **OR** RDNG 372: Reading & Writing across the Middle Grades Curriculum	3
You must be formally admitted into the aggieTEACH SEED Minor program before registering for Clinical courses	
CLINICAL 1	
TEFB 322: Teaching and Schooling in Modern Society (field: ½ day/week)	3
CLINICAL 2	
TEFB 324: Teaching Skills II (field: ½ day/week)	3
CLINICAL 3	
TEFB 406: Science in the Middle & Secondary School (field: ½ day/week)	3
CLINICAL 4: ADDITIONAL SEMESTER (clinical teaching hours do not count toward the SEED minor, an additional SEED-Clinical teaching minor may be taken)	
MEFB 497, TEFB 429, or TEED 425: Clinical Teaching	6, 9, or 12

Required Certification Components

Note: These components are embedded into coursework and are pass/fail components of coursework

CLINICAL 2
Complete 240 Tutoring Modules for Content Exam
Content Exam Attempt before start of Clinical 3 semester
CLINICAL 3
Complete 240 Tutoring Modules for PPR Exam
Pass Content Exam by designated date in Clinical 3
Attempt PPR Exam
CLINICAL 4
Pass PPR Exam by designated date

Appendix K

Secondary Education Certification Plan
Social Studies 7-12

SEED Minor Admission Requirements

- Currently enrolled as an undergraduate student at Texas A&M University
- Minimum of 3 semesters remaining in undergraduate coursework
- 12 credit hours in certification content
- 2.75 overall GPA in undergraduate coursework
- 2.5 minimum GPA in major-area content hours
- aggieTEACH application & program acceptance

Required SEED Minor/Teacher Certification Coursework

COURSE	HRS
INST 210: Understanding Special Populations	3
INST 222: Foundations of Education in a Multicultural Society	3
RDNG 465: Reading in the Middle and Secondary Grades	3
You must be formally admitted into the aggieTEACH SEED Minor program before registering for Clinical courses	
CLINICAL 1	
TEFB 322: Teaching and Schooling in Modern Society (field: ½ day/week)	3
CLINICAL 2	
TEFB 324: Teaching Skills II (field: ½ day/week)	3
CLINICAL 3	
MEFB 450: Social Studies Methods in Middle Grades (field: 1 day/week)	3
CLINICAL 4: ADDITIONAL SEMESTER (clinical teaching hours do not count toward the SEED minor, an additional SEED-Clinical Teaching minor may be taken)	
MEFB 497, TEFB 429, or TEED 425: Clinical Teaching	6, 9, or 12

Required Certification Components

Note: These components are embedded into coursework and are pass/fail components of coursework

CLINICAL 2
Complete 240 Tutoring Modules for Content Exam
Content Exam Attempt before start of Clinical 3 semester
CLINICAL 3
Complete 240 Tutoring Modules for PPR Exam
Pass Content Exam by designated date in Clinical 3
Attempt PPR Exam
CLINICAL 4
Pass PPR Exam by designated date

Appendix L

Secondary Education Certification Plan
Spanish EC-12

SEED Minor Admission Requirements

- Currently enrolled as an undergraduate student at Texas A&M University
- Minimum of 3 semesters remaining in undergraduate coursework
- 15 credit hours in certification content
- 2.75 overall GPA in undergraduate coursework
- 2.5 minimum GPA in major-area content hours

Required SEED Minor/Teacher Certification Coursework

COURSE	HRS
INST 210: Understanding Special Populations	3
INST 222: Foundations of Education in a Multicultural Society	3
RDNG 465: Reading in the Middle and Secondary Grades **OR** RDNG 371: Multicultural and Interdisciplinary Literature for Middle Grades	3
You must be formally admitted into the aggieTEACH SEED Minor program before registering for Clinical courses	
CLINICAL 1	
TEFB 322: Teaching and Schooling in Modern Society (field: ½ day/week)	3
CLINICAL 2	
TEFB 324: Teaching Skills II (field: ½ day/week)	3
CLINICAL 3	
GLST 444: Foreign Language Pedagogy (field: ½ day/week)	3
CLINICAL 4: ADDITIONAL SEMESTER (clinical teaching hours do not count toward the SEED minor, an additional SEED-Clinical teaching minor may be taken)	
TEFB 426 or TEED 425: Clinical Teaching	6 or 12

Required Certification Components

Note: These components are embedded into coursework and are pass/fail components of coursework

CLINICAL 2
Complete 240 Tutoring Modules for Content Exam
Content Exam Attempt before start of Clinical 3 semester
CLINICAL 3
Complete 240 Tutoring Modules for PPR Exam
Pass Content Exam by designated date in Clinical 3
Attempt PPR Exam
CLINICAL 4
Pass PPR Exam by designated date

Appendix M

Secondary Education Certification Plan

Theatre EC-12

SEED Minor Admission Requirements

- Currently enrolled as an undergraduate student at Texas A&M University
- Minimum of 3 semesters remaining in undergraduate coursework
- 15 credit hours in certification content
- 2.75 overall GPA in undergraduate coursework
- 2.5 minimum GPA in major-area content hours

Required SEED Minor/Teacher Certification Coursework

COURSE	HRS
INST 210: Understanding Special Populations	3
INST 222: Foundations of Education in a Multicultural Society	3
RDNG 465: Reading in the Middle and Secondary Grades **OR** RDNG 371: Multicultural and Interdisciplinary Literature for Middle Grades	3
You must be formally admitted into the aggieTEACH SEED Minor program before registering for Clinical courses	
CLINICAL 1	
TEFB 322: Teaching and Schooling in Modern Society (field: ½ day/week)	3
CLINICAL 2	
TEFB 324: Teaching Skills II (field: ½ day/week)	3
CLINICAL 3	
THEA 401: Theatre Pedagogy (field: ½ day/week)	3
CLINICAL 4: ADDITIONAL SEMESTER (clinical teaching hours do not count toward the SEED minor, an additional SEED-Clinical teaching minor may be taken)	
MEFB 497, TEFB 426, or TEED 425: Clinical "student" Teaching	6,9, or 12

Required Certification Components

Note: These components are embedded into coursework and are pass/fail components of coursework

CLINICAL 2
Complete 240 Tutoring Modules for Content Exam
Content Exam Attempt before start of Clinical 3 semester
CLINICAL 3
Complete 240 Tutoring Modules for PPR Exam
Pass Content Exam by designated date in Clinical 3
Attempt PPR Exam
CLINICAL 4
Pass PPR Exam by designated date