

The School of Engineering offers Shared Credit Undergraduate/Graduate Degree Programs designed to allow students to complete a B.S. and M.S. or a B.S. and M.Eng. degree in five years (depending upon the student's mathematics preparation upon entering UNM as a first-year student). To accomplish this, some courses are counted towards both the Bachelor's and Master's degrees. Admission to the graduate portion of this program is provisional and is not finalized until the student satisfactorily completes the requirements for the B.S. degree.

How the Program Works

Computer Engineering Majors

- For the BS/MS Shared Credit program in Computer Engineering (CPE), a maximum of up to 12 credit hours of 400 or above level course credits can be shared. For CPE majors, ECE 437, 440 and six (6) hours of technical electives can be shared. **Any 400-level courses that have a 500-level cross-listing must be taken at the 500-level.**
- A grade of "B" or better must be obtained in the courses in order for them to be shared toward the graduate degree.
- CPE majors are encouraged to apply in their 5th semester (earlier than EE majors) for acceptance beginning the 6th semester to fully utilize all shared hours.
- Shared hours apply towards both the baccalaureate and master's degrees.
- Once accepted to the 4+1 Shared Credit Program, the student will complete all remaining undergraduate requirements while concurrently earning graduate credit.
- The undergraduate degree is awarded when it is completed.
- Students must still apply to the MS Program via UNM Admissions; application fee and GRE requirements are waived for those admitted to 4+1 Shared Credit.

Electrical Engineering Majors

- For the BS/MS Shared Credit program in Electrical Engineering, a maximum of up to 9 credit hours of 400 or above level course credits are allowed to be shared. For EE majors, track and technical electives can be shared. **Any 400-level courses that have a 500-level cross-listing must be taken at the 500-level.**
- A grade of "B" or better must be obtained in the courses in order for them to be shared toward the graduate degree.
- In the semester prior to the final year of the undergraduate degree, the student applies for acceptance to the 4+1 Shared Credit Program
- Shared hours apply towards both the baccalaureate and master's degrees.
- Once accepted to the 4+1 Shared Credit Program, the student will complete all remaining undergraduate requirements while concurrently earning graduate credit.
- The undergraduate degree is awarded when it is completed.
- Students must still apply to the MS Program; application fee and GRE requirements are waived for those admitted to 4+1 Shared Credit.

Registering for 500 Level Courses

To obtain permission to enroll in the course, the student must process a green card (aka. Level Restriction). A student is not able to register without the green card allowing override of the level restriction. Forms can be found at registrar.unm.edu, under student forms.

http://www.unm.edu/~unmreg/images/Forms/Green_Card.pdf

Time Limit to Utilize Shared Credit

Student must complete the shared credit BS/MS within 2 calendar years after the semester they completed ECE 420. If all BS/MS requirements are not completed by this deadline, the student will no longer be able to count shared credits towards the MS degree. The student will be required to follow regular Plan I or Plan III options for the MS degree with associated requirements.

Advising

Each student is required to select an MS advisor in her/his research emphasis area of interest prior to submitting an application for admission for 4+1 Shared Credit. For better coordination, all efforts will be made to ensure that this advisor also becomes the regular undergraduate faculty advisor.

ECE 551

A maximum of 3 credit hours of ECE 551 coursework is allowed.

ECE 495

ECE 495 will **NOT** apply as credit for the MS program.

Graduate Courses

Students can take a maximum of 18 credit hours of 500- level courses as an undergraduate. Shared credit maximums still apply i.e. If 9 hours are shared an EE major can take 9 additional hours.

Note: Shared credit cannot be retroactively applied. You must submit an application and be accepted to the 4+1 Shared Credit Program prior to taking courses that apply as shared credit.

Students are responsible for reading University policies. The most common information has been provided for your convenience. Additional policy information regarding 4+1 Shared Credit Programs can be found at:

<http://catalog.unm.edu/catalogs/2018-2019/graduate-program.html>

<http://catalog.unm.edu/catalogs/2018-2019/colleges/engineering/index.html>

4+1 Shared Credit | BS/MS

Admission criteria

1. Students pursuing BS to MS program within the same discipline (. i.e. BSEE to MSEE) whose degree GPA (major specific, not cumulative) is 3.5 or better will need to complete the application and proposed plan of study.
2. Students pursuing BS to MS program within the same discipline whose degree GPA (major specific, not cumulative) falls between 3.0 and 3.49 are required to provide:
 - i. Application and proposed plan of study
 - ii. At least 2 letters of recommendation from faculty
 - iii. A personal statement indicating reasons for interest and suitability for shared credit program.
3. Students pursuing a BS to MS in different disciplines (for example, ME to EE) MUST have a degree GPA (major specific, not cumulative) of at least 3.5 and are required to provide:
 - i. Application and proposed plan of study
 - ii. At least 2 letters of recommendation from faculty advisors.
 - iii. Personal statement indicating reasons for interest and suitability for shared credit program.

Letters of recommendation should be addressed to *Shared Credit Admission Committee*. Letters should be placed in a sealed envelope with faculty signature over the seal. Faculty may also provide those letters directly to the undergraduate or graduate advisor.

Application Process

1. Read 4+1 Shared Credit Shared Credit Program requirements and information sheet along with UNM catalog.
2. Ensure you are enrolled in or have completed your 5th semester courses (see below)
3. Talk with a faculty advisor in your MS emphasis area about your interests in the graduate program.
4. If the program is the right fit for you work with the faculty advisor to complete the Plan of Study, have them sign your application and provide a letter of recommendation, if needed.
5. Submit the completed application to your undergraduate advisor. Incomplete applications will not be accepted. **DEADLINE: July 1 and December 1**

EE 5 th semester curriculum	CPE 5 th semester curriculum
ECE 314	ECE 314
ECE 340	ECE 340
ECE 321L	ECE 321L
ECE 371	MATH 327

Admission decisions are made early in the following semester (January or August, depending on the semester that the student applies) based on grades earned through the 5th semester of the curriculum. Applications for Shared Credit must be approved prior to beginning ANY courses that will apply in both BS and MS programs. **DEADLINE to apply- July 1 for acceptance beginning in a Fall semester. December 1 for acceptance beginning in a Spring semester.**

4+1 Shared Credit | BS/MS

Name: _____ UNM email: _____

UNM ID #: _____ UNM Cumulative GPA: _____

Degree GPA (including core) after 4th semester: _____

Degree GPA after 5th semester (to be completed by academic advisor) _____

BS Degree Program: _____ Proposed BS graduation semester/year: _____

Proposed MS Degree and Emphasis: _____ Proposed MS graduation semester/year: _____

Name of faculty advisor who will supervise your MS degree work: _____

Check one:

- I have at least a 3.5 degree GPA for admission to 4+1 Shared Credit
- My GPA falls below 3.5, but above 3.0 for admission to 4+1 Shared Credit
 - I have included letters of recommendation
 - I have included my personal statement

_____ I have read and understand the 4+1 Shared Credit Program requirements

_____ I have completed and attached the Plan of Study worksheet with help from my MS faculty advisor detailing all remaining courses to earn both my Bachelor and Master's degrees

_____ I understand admission to the graduate program is provisional and is not finalized until I satisfactorily complete the requirements for the B.S. degree

Student Signature

Date

I recommend acceptance of the above student into the ECE BS/MS Shared Credit Program. I have assisted with the Plan of Study sheet and am in agreement with the courses outlined. I also agree to act as her/his advisor, including advising for the MS Plan III.

Faculty Advisor Printed Name

Signature

Date

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Degree GPA after 4th semester (best attempt): _____ 5th semester GPA: _____

Date Received Received by Verified GPA& Plan of Study UG faculty approval
 Noted in LoboAchieve Submitted

Date Processed Processed by Application approved Entered in Banner
 Notified student

4+1 Shared Credit | BS/MS

Proposed Plan of Study

Complete the following plan of study, including **all** remaining courses needed to earn the BS degree and the MS degree. Specify which courses you are proposing as shared by adding (shared credit) next to the course name. You are responsible for verifying pre- and co-requisites and semester offerings as posted in the UNM catalog and ECE website. Include late starting, 2H and any summer courses.

You should complete this with help from your faculty advisor for the MS program.

Semester _____ Year _____

Course (specify shared credit courses)	Credits
Total credit hours	

Semester _____ Year _____

Course (specify shared credit courses)	Credits
Total credit hours	

Semester _____ Year _____

Course (specify shared credit courses)	Credits
Total credit hours	

Semester _____ Year _____

Course (specify shared credit courses)	Credits
Total credit hours	

Student Printed Name

Signature

Date

Faculty Advisor Printed Name

Signature

Date

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School of Engineering official use ONLY:

Approvals:

BS Program Faculty Director

Name: _____ Signature: _____

Date: _____

Comments:

MS Program Faculty Director

Name: _____ Signature: _____

Date: _____

Comments:

Associate Dean for Academic Affairs (For non-standard, interdisciplinary, or other programs not published on SoE or departmental websites only)

Name: _____ Signature: _____

Date: _____

Comments:
