

Washington State University
MAJOR CHANGE FORM – REQUIREMENTS

NOTE: If proposing a **new** program (degree) or **extending, moving, consolidating, eliminating or renaming** an existing program (degree), these proposals must first go through the Provost's Office review process. Please do not use this form. Please contact the Provost's Office for directions on processing program (degree) proposals.

SUBMITTING PROPOSAL – Follow the steps on form, then:

- Submit one electronic copy of complete packet of signed form/rationale statement/supporting documentation and/or edits** to wsu.curriculum@wsu.edu.
- Send the **original stapled packet PLUS 10 stapled copies** of packet to the **Registrar's Office**, campus mail code 1035.

Department Name _____

1. Check proposed changes:

- New Plan (Major) *in* _____ CIP# _____
- Change name of Plan (Major) *from* _____ *to* _____
- Revise certification requirements for the Plan (Major) *in* _____
- Revise Plan (Major) requirements *in* _____
- Drop Plan (Major) *in* _____
- New Sub-Plan (Option) *in* _____ CIP# _____
- Change name of Sub-Plan (Option) *from* _____ *to* _____
- Revise requirements for the Sub-Plan (Option) *in* _____
- Drop Sub-Plan (Option) *in* _____
- New Minor *in* _____ CIP# _____
- Change name of Minor *from* _____ *to* _____
- Revise Minor requirements *in* _____
- Drop Minor *in* _____
- New Certificate *in* _____ CIP# _____
- Change name of Certificate *from* _____ *to* _____
- Revise Certificate requirements *in* _____
- Drop Certificate *in* _____
- Other _____

2. Effective Date: Fall _____ (Effective date must be for future fall term.) **Submission deadline is Oct 1st.**
NOTE: Items received after deadlines may be put to the back of the line or forwarded to the following year. Please submit on time.

Contact: _____ Phone number: _____
Email: _____ Campus mail code: _____

- 3. PLEASE ATTACH A RATIONALE STATEMENT** giving the reasons for each request marked above, and explaining how this impacts other units in Pullman and other campuses (if applicable).
- 4. PROVIDE SUPPORTING DOCUMENTATION AND/OR CURRENT CATALOG COPY** with edit marks showing requested changes.
- 5. SIGN AND DATE APPROVALS.**

Chair Signature/date	Dean Signature/date	CSC Date
Chair Signature/date	Dean Signature/date	AAC or GSC Date
		Senate Date

RATIONALE

New programming courses taught in Java are being offered starting Fall 2016. These changes formalize how Java programming courses will be used to earn a degree in Electrical Engineering.

Current Requirements

Students may apply for certification into the Bachelor of Science in Electrical Engineering degree program after completion of the following courses with a grade of C or better and a cumulative GPA of 2.5 or higher: CPT S 121; E E 214; MATH 171, 172, 220, 273; PHYSICS 201.

No courses listed in this schedule of study may be taken on a pass/fail basis. All listed E E and CPT S courses, required electives, and prerequisites to these courses must be completed with a grade of C or better.

First Year

First Term

	Hours
CHEM 105 [PSCI]	4
ENGLISH 101 [WRTG]	3
ENGR 120	2
HISTORY 105 [ROOT]	3
MATH 171 [QUAN]	4

Second Term

	Hours
CPT S 121	4
MATH 172	4
MATH 220	2
PHYSICS 201	4

Second Year

First Term

	Hours
CPT S 122	4
E E 214	4
MATH 273	2
PHYSICS 202	4

Second Term

	Hours
Creative & Professional Arts [ARTS]	3
E E 234	4
E E 261	3
E E 262	1
ECONS 101 [SSCI] or 102 [SSCI]	3
MATH 315	3
Complete Writing Portfolio	

Third Year

First Term

	Hours
E E 311	3
E E 321	3
E E 331	3
E E 352 [M]	3
Engineering Science Elective I ¹	3

Second Term

	Hours
E E 341	3
E E 361	3
Engineering Science II ¹	3
MATH 360	3
Track Elective ^{2,3}	3

Fourth Year

First Term

	Hours
Biological Sciences [BSCI]	3 or 4
Diversity [DIVR]	3
E E 415	2
ENGLISH 402 [WRTG]	3
Track Electives ^{2,3}	6

Second Term

	Hours
300-400-level Track Electives ^{2,3}	6
CPT S 302	3
E E 416 [CAPS] [M]	3
Humanities [HUM]	3
Complete E E Exit Interview and Survey	

Footnotes

¹ Choose from CE 211, ME 212, ME 301, or MSE 302.

² Students follow one of five tracks for an emphasis in their degree program: Power track: required: E E 362 [M], 491, and at least 6 hours from E E 486, 489, 492, 493, 494; Microelectronics track: required: E E 351, 476, 496, at least two of the following E E 431, 464, 489; Systems track: required: E E 464, 489, at least one from E E 432, 451, and two from E E 351, 431, 432, 451, 470; General track: at least one from E E 324 [M], 351, 362 [M], 489, and one from E E 432, 451, 491, 496; or Computer Engineering track: required: E E 434, 466, at least one from E E 324 [M], 334, CPT S 360.

³ Additional Technical Electives - required for Power Track (3 credits); General Track (9 credits) and Computer Engineering Track (6 credits) - include: ASTRONOM 435; CE 463; CHEM 331, 333,345; CPT S 317, 322 [M], 355, 360, 422 [M], 423, 442, 450, 451, 452, 453, 455, 460, 466, 471, 481; ECONS 311 [M]; E E 324 [M], 334, 351, 362 [M], 431, 432, 434, 451, 455, 464, 466, 470, 476, 477, 486, 489, 491, 492, 493, 494, 495, 496, 499; E M 464; MATH 320 [M], 325, 340, 364, 401 [M], 402 [M], 415, 420, 421 [M], 440, 441, 448, 453, 464, 466; ME 401, 404; MSE 402, 403; PHYSICS 303, 304, 320, 443, 450, and 463. Other courses may be used with the approval of the E E curriculum committee (see your ECS advisor to petition a course).

Proposed Requirements

Students may apply for certification into the Bachelor of Science in Electrical Engineering degree program after completion of the following courses with a grade of C or better and a cumulative GPA of 2.5 or higher: CPT S 121, **or 131**; E E 214; MATH 171, 172, 220, 273; PHYSICS 201.

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First Year

First Term

	Hours
CHEM 105 [PSCI]	4
ENGLISH 101 [WRTG]	3
ENGR 120	2
HISTORY 105 [ROOT]	3
MATH 171 [QUAN]	4

Second Term

	Hours
CPT S 121 or 131	4
MATH 172	4
MATH 220	2
PHYSICS 201	4

Second Year

First Term

	Hours
CPT S 122 or 132	4
E E 214	4
MATH 273	2
PHYSICS 202	4

Second Term

	Hours
Creative & Professional Arts [ARTS]	3
E E 234	4
E E 261	3
E E 262	1
ECONS 101 [SSCI] or 102 [SSCI]	3
MATH 315	3
Complete Writing Portfolio	

Third Year

First Term

	Hours
E E 311	3
E E 321	3
E E 331	3
E E 352 [M]	3
Engineering Science Elective I ¹	3

Second Term

	Hours
E E 341	3
E E 361	3
Engineering Science II ¹	3
MATH 360	3
Track Elective ^{2,3}	3

Fourth Year

First Term

	Hours
Biological Sciences [BSCI]	3 or 4
Diversity [DIVR]	3
E E 415	2
ENGLISH 402 [WRTG]	3
Track Electives ^{2,3}	6

Second Term

	Hours
300-400-level Track Electives ^{2,3}	6
CPT S 302	3
E E 416 [CAPS] [M]	3
Humanities [HUM]	3
Complete E E Exit Interview and Survey	

Footnotes

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