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1. Stu\:ients must cor1sµltwith. the pr-og;i:-a11tgraduate a:dyisorprior to ei:irollii:ig iP/3.PY course for the progra:m.

M.atliematics option

1. A bachelor-•s degree from ai:i accredited co.11.ege or- university,

with a minimum grade point average (GPA) of 2.7 in the last

60 units attempted.

1. Credit in the following courses or their equivalents: CSE

321, 325, 326, 333, 424, 440, 444; MATH 323.

**Advancement to candidacy**

students applying for advancement to candidacy must:

1. have completed all undergraduate deficiences with grades of C or better;
2. have attained an overall grade point average (GPA) of 3.0.
3. complete at least 12 units applicable to the degree with a GPA of at least 3.0;
4. must have passed a qualifying examination on computer

fundamentals;

1. have passed the CSULB Writing Proficiency Examination; and
2. have their program of studies approved by the CSE department graduate advisor.

**Requirements for the Degree**

-- Engineering Option (code 6-4010)

Students must complete a minimum of 30 graduate and approved upper-division course units including the following:

* 1. at least 18 units in the CSE or EE departments;
	2. at least 18 units at the graduate level of instruction;
	3. EE 540, and at least 6 units from the following: CSE 544, 550, 552, 572; EE 542, 545;

d. CSE 526, 528 or 529, and 543.

Mathematics Option (code 6-4011)

Students must complete a minimum of 30 graduate and approved upper-division course units including the following:

1. at least 18 units of computer science coursework;
2. at least 18 units at the graduate level of instruction; c. CSE 526, 528, 529, and 543.

d. CSE 550 or EE 540.

All students must complete either:

1. EE 640 and a comprehensive examination; or
2. a thesis with oral-defense which requires completion of CSE

697 (2 units) and 698 (4 units).

EFFECTIVE: FALL 1988

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