College of Engineering
University of California
Santa Barbara

Flexibility in Five Years
Combined B.S./M.S. Programs
Whether you have your sights on a career in the profession of engineering or plan to study engineering as a prelude to advanced study in technical management, medicine, law, government, or some other field, UCSB’s College of Engineering offers you real choices in planning your academic programs.

Outstanding motivated students in the College of Engineering may choose among several 5-year combined B.S./M.S. engineering degree options instead of taking the traditional 4-year undergraduate curriculum followed by a master’s degree which often takes another two years.

Amy Van Munn
Senior 5-Year B.S./M.S. Program
Electrical and Computer Engineering
Transfer Student

5-Year Combined B.S./M.S. Options:

I. B.S./M.S. in Computer Science

II. B.S. in Electrical Engineering/ M.S in Electrical and Computer Engineering

III. B.S. in Computer Engineering/ M.S. in Computer Science or M.S. in Electrical and Computer Engineering

IV. B.S. in Engineering (Chemical Engineering, Electrical Engineering, or Mechanical Engineering)/ M.S. in Materials

V. B.S. in Engineering (any major) or Computer Science/ M.A. in Economics with an emphasis in Business Economics.

With Option IV, students enhance their undergraduate education in one of the classical engineering disciplines by adding a strong knowledge base in engineering materials (materials behavior, synthesis and processing, and applications in modern technology), thereby gaining a competitive edge in today’s high-technology industry.

With Option V, students combine a B.S. in engineering with a Master of Arts in Economics with an emphasis in Business Economics, an excellent choice for those headed toward technical management careers.
By choosing a B.S./M.S. Combined Program you:

- Gain the flexibility of dual status in your 4th and 5th years; you’ll work closely with an advisor to designate which elective courses will go toward your B.S. and which to the M.S.

- Acquire additional breadth and depth for multifield specialization and the added expertise that will stand you in good stead as an engineering professional

- Gain the opportunity to participate in the excitement of cutting edge computer science, electrical and computer engineering, and materials research

- Save both time and money by completing your B.S. and M.S. degrees in five years

- Earn the degree (a Master’s) that gives you a competitive edge in the employment marketplace and with industry recruiters when it’s time to find that first job

There are a lot of great things I love about UCSB— the area, the beach, the weather, and all of the interesting classes I’ve taken, particularly the operating systems class. I’ve made lots of friends and participated in clubs and intramural sports. In my four years here I feel I’ve learned a lot and that UCSB provided many challenges and opportunities. I’ve entered the 5-year B.S./ M.S. program and will earn a master’s degree in one more year. Although earning a bachelor’s degree already took a lot of work, I believe that a master’s degree will give me an additional edge in the job market. If you choose to come to UCSB, you’ll be on your way to earning an outstanding degree, with the opportunity to further your education in one of the B.S./ M.S. programs.

Christopher Robertson
Graduate Student
5-Year B.S./M.S. Program
Computer Science
If these options appeal to you, here’s what to do:

- **VISIT** our web site (www.engineering.ucsb.edu) to read about further requirements for the 5-year programs

- **CONTACT** the College’s Undergraduate Office, Engineering 1, Room 1006, to learn about criteria for admission to the 5-year programs

- **INFORM** the college’s Undergraduate Office of your interest in the 5-year programs at the end of your sophomore year in order to plan your upper division classes differently from other engineering undergraduates; interested transfer students should also contact the Undergraduate Office at the earliest opportunity

IN ADDITION to completing undergraduate degree requirements in your engineering program, you must also fulfill master's degree requirements for the degree in Computer Science, Electrical and Computer Engineering, Materials, or Economics. You must also meet UCSB Graduate Division degree requirements, including university residence requirements and units of coursework, as described in the chapter, “Graduate Education at UCSB” in the General Catalog.

www.engineering.ucsb.edu  (805) 893-2809