

## SPECIAL PROGRAMS

### Research Institutes

Honoring its mission statement in a concrete way, Claremont McKenna College gives students meaningful opportunities to engage in graduate-level research in partnership with faculty members, through the work of its nine on-campus research institutes. It is an opportunity usually restricted to graduate students at the nation's major universities, and one seldom found at an undergraduate liberal arts institution.

CMC's research institutes were established to:

- enrich the curriculum and provide introductory research opportunities for able students working closely with faculty scholars
- attract distinguished scholars to the College
- provide students with a variety of internship experiences
- produce scholarly research valuable to the community, the state, and the nation.

The institutes, in the order of their founding, are:

#### **The Henry Salvatori Center for the Study of Individual Freedom in the Modern World**

The Salvatori Center focuses on the study of ordered liberty, and seeks through its conferences and research to understand the relationship between individual freedom and the economic, social, moral, political, and legal conditions essential for its preservation. The Center focuses particular attention on the American Constitution, its founding principles and consequent construction, and on questions of political philosophy and applied ethics.

#### **The Rose Institute of State and Local Government**

Using computer technology, students and faculty in the Rose Institute advance knowledge about politics, and help create services

that make the political process more democratic. Through the development of large computerized databases and advanced geographic retrieval systems, students become involved in projects focusing on such topics as redistricting, fiscal analysis, California demographics, survey research, and legal and regulatory analysis.

#### **The Reed Institute for Decision Science**

Through the Reed Institute, students have the opportunity to work on actual problems from business and government. Faculty-student teams conduct research for such organizations as the Environmental Protection Agency, U.S. Forest Service, Jet Propulsion Laboratory, U.S. Navy, and major companies. Project results have played a key role in both public and private management decisions, and have been published in leading research journals.

#### **The Keck Center for International and Strategic Studies**

The Keck Center engages students in the sophisticated analysis of contemporary international and strategic issues, provides a vibrant intellectual environment, and encourages student and faculty research on important policy questions. The Center supports student and faculty research, and funds extracurricular events, student fellowships and awards, curriculum development, public lectures, visiting professors, scholarly conferences and workshops, research monographs, and library collections.

#### **The Lowe Institute of Political Economy**

Lowe Institute research focuses on economic policy; its most recent work has addressed trade and exchange rate policies, including the implications of globalization, of regional trade integration in North America (NAFTA) and the Pacific Rim (APEC), and of financial crises in emerging market economies. The institute conducts research and sponsors workshops, seminars and con-

ferences, involving local and visiting faculty and policy experts; and the *North American Journal of Economics and Finance* is edited at the Lowe Institute.

### **The Roberts Environmental Center**

The Roberts Environmental Center encourages faculty and student involvement in studies of our natural resources from scientific, political, and economic perspectives. Students apply basic knowledge to real-world issues to help solve the many environmental problems facing society. The Center pursues an interdisciplinary approach to complex problems, with researchers in the natural sciences defining specific environmental issues and evaluating policy alternatives; they pay special attention to achieving a balance between progress and preservation of natural resources.

### **The Family of Benjamin Z. Gould Center for Humanistic Studies**

The Gould Center investigates the major forces that have gone into, and are still at work in, the formation of the modern world: science, capitalism and industrialization. Its scholars and students also focus on the great changes in attitudes since the Renaissance. The Center hosts an annual academic seminar exploring a major issue of modern society, brings distinguished visiting fellows to campus, and offers fellowships for collaborative faculty and student research efforts.

### **The Kravis Leadership Institute**

The Kravis Leadership Institute is the driving force behind CMC's leadership studies sequence, a grouping of courses designed to educate students about leadership through the study of psychology, government, history, literature, philosophy, economics, and military science. In the institute's research programs, students also work with faculty on research into such topics as the role of confidence and optimism on leadership performance, gender differences in leadership, management of diversity, and interdisciplinary studies of entrepreneurship and organizational effectiveness.

### **The Berger Institute for Work, Family, and Children**

Students working at the Berger Institute for Work, Family, and Children are involved in studies on preparing people to be skilled members of the workforce. They participate in applied research that seeks to understand how work-related policies and practices support or hinder family life, and how families can help develop attitudes and behaviors compatible with the demands of work. These issues are addressed on an interdisciplinary basis, integrating such perspectives as cognitive and developmental psychology, economics, and sociology.

### **The Center for the Study of the Holocaust, Genocide, and Human Rights**

With study of the Holocaust as its foundation, the Center promotes research, publication, teaching, and internships that explore not only the causes of genocide and human rights abuses but also the ethical commitments, economic policies, political processes, and leadership qualities that are necessary to oppose those destructive conditions. Through its program of visiting scholars, conferences, faculty fellowships, and student grants, the Center particularly encourages interaction among undergraduates and leading scholars in the field.

## **Other Academic Resources and Programs**

### **Practicum Program**

Some of the most innovative developments in course work at Claremont McKenna College are ongoing faculty efforts to combine traditional liberal arts concepts with applications of such knowledge. The Practicum Program provides faculty members with both resources and a framework for integrating theory and applications within CMC's existing curriculum design.

The unifying objectives of practicum courses are to provide students with opportunities to take greater personal responsibility

for their own learning and to benefit from greater access to experts other than course instructors. The program assists faculty members in developing specific course assignments, activities, and/or projects that foster improved student skills. Among these are:

- communication skills used in oral discussion and reporting;
- critical reasoning and teaching skills required for formal presentations;
- abilities required to define, analyze, and resolve research problems;
- enhanced capacity to integrate knowledge across disciplines;
- organization skills required for collaborative problem-solving.

A key element in the ability of practicum courses to effectively promote these kinds of skill acquisition is finding outside clients with appropriate, interesting projects. Ideally, outside clients also provide expert guidance, data access, and a partnership in the learning process.

In this catalog, courses of study that are devoted primarily to practicum experiences are designated with course titles that begin with the words *Practicum In*. Courses containing a significant practicum module among their other assignments are designated with course titles that end with the words *With Practicum*.

### **Claremont Autism Center**

The Claremont Autism Center is a behavior management, treatment, and research program for children with autism and their families. It is internationally recognized and provides state-of-the-art treatment for the children and parents that attend. At the Autism Center, children receive one-on-one therapy that concentrates in areas of speech, social interactions, self-help skills, and academic learning tasks. Parents receive special training in behavior management techniques to treat their children at home.

The Center is a great opportunity for students to do research, intern, take classes in Applied Behavior Analysis, and get hands-on experience working with children with autism.

The main areas of research are motivation, speech and communication, and social skills and play. Each child attends this program one day per week for a two-hour interval. The Autism Center has been in operation for 30 years, and has been under the direction of Dr. Marjorie H. Charlop-Christy for the past 18 years.

### **Teaching Resource Center**

The Teaching Resource Center provides faculty with assistance designed to improve undergraduate teaching at Claremont McKenna College. Toward this goal, the Center sponsors and coordinates faculty symposia, workshops, and other activities dealing with issues central to teaching; offers assistance in developing teaching techniques, resources, and technology; and invites faculty to participate in professional development and leadership opportunities. The Teaching Resource Center facilitates new faculty orientation and supports faculty attendance at pedagogical conferences.

Additionally, the Teaching Resource Center consults with individual faculty and departments to research and develop tools to enhance traditional and innovative classroom instruction. This includes hands-on instruction, workshops, and the training of student workers to assist in the Center's mission. The work of the Center is supported by the Teaching Resource Committee with faculty and administrators dedicated to the Center's mission. The Teaching Resource Center was established in 1999, and is directed by Professor Cynthia Humes.

### **The European Union Center of California**

The European Union Center of California (EU Center), based at Scripps College, is a collaborative venture between The Claremont Colleges and the University of Southern California. The EU Center was founded in 1998 with the assistance of the European Commission, and forms part of a network of ten such centers across the United States. The mission of the EU Center is the promo-

tion of education, scholarly research and public understanding of European integration and its consequences. The EU Center has assisted faculty from across The Claremont Colleges in the development of a rigorous academic program in contemporary European studies. The elements of this program include an intercollegiate curriculum in European Union Studies, a rich speakers program, student internships, and support for scholarly research into EU-related issues by students. Students and faculty from The Claremont Colleges are invited to participate in the programs of the Center. For further information, contact Professors Appel, Haley, or Petropoulos.

## Off-Campus Study

Claremont McKenna College strongly encourages its students to study off-campus during their college career. Whether off-campus study occurs abroad or at home in the U.S., the College regards it as an extension of the on-campus educational experience, and expects the courses for which students receive academic credit to be in a field characteristic of the liberal arts and comparable to courses offered at The Claremont Colleges.

The Off-Campus Study Committee (OCSC) has jurisdiction over all aspects of CMC's study abroad and off-campus programs, with the exception of the Washington Program. The committee makes policy, reviews programs, authorizes credits, and approves candidates. Students select a program from a list of *approved options*. In exceptional circumstances, students may attend other programs with special permission. For further information, see the *Off-Campus Study Handbook* or the website at <http://offcampus.claremontmckenna.edu>.

### Study Abroad

CMC students who return from international study express the same sentiment: study abroad is a life-changing experience. They return to campus with fresh perspectives on international, political, economic and envi-

ronmental issues. To help students learn first-hand about global issues, CMC is affiliated with universities and select programs around the world, giving CMC students a chance to choose from a multitude of program options in 43 countries. For information on summer study abroad, see "Summer School."

The programs with which CMC is affiliated vary in field of study and format. Most are one semester in length, but some cover the full academic year.

Currently CMC is affiliated with (one or more) programs in the following countries:

Argentina	Hungary
Australia	India
Austria	Ireland
Bolivia	Israel
Botswana	Italy
Brazil	Japan
Cameroon	Kenya
Canada	Korea
Chile	Mexico
China	Nepal
Costa Rica	New Zealand
Cuba	Russia
Czech Republic	Singapore
Dominican Republic	Spain
Ecuador	Tanzania
Egypt	Taiwan
Estonia/Morocco	Thailand
France	Turkey
Germany	United Kingdom
Ghana	Vietnam
Greece	

### • Applications for Study Abroad

Study abroad is open to juniors. Students select a program in consultation with their academic adviser and the Office of Off-Campus Study staff; students must begin the planning process a year in advance.

Applications are due at least one semester prior to leaving campus. Deadlines for fall semester and full year programs are December 2 or February 5, depending on the destination; deadlines for spring semester programs are June 1 or September 25, depending on the destination.

### • **Requirements for Study Abroad**

CMC has the following requirements for study abroad:

- To apply for study abroad, students must have a minimum cumulative GPA of 8.50 (in special cases, exceptions may be made by the OCSC)
- Students must be registered full-time at CMC during the semester prior to leaving for study abroad
- Once approved by the OCSC, students must maintain a cumulative GPA of 8.50 prior to leaving for their program abroad
- Students wishing to study in non-English-speaking countries must complete at least one semester of the host foreign language before studying abroad, provided the language is offered at The Claremont Colleges
- While abroad, all students are required to study the host language

### • **Course Load for Study Abroad Programs**

Students are expected to take the regular full-time course load while abroad - this can mean between three and seven courses, depending upon the program and the credit value of the courses. Students are also expected to complete all coursework for a letter grade by the end of the semester in which they study abroad (no incomplete grades or late withdrawals).

### • **Course Credits for Study Abroad Programs**

The maximum amount of credit CMC students may earn abroad is eight courses for an academic year, and four courses for one semester. Students who complete an internship while abroad may receive up to one-half CMC course credit, provided the internship meets the criteria set by the Committee.

Academic credit will not be granted for study abroad completed while students are on leave or have withdrawn from CMC.

### • **Costs of Study Abroad**

CMC students studying abroad pay pro-

gram costs and round-trip transportation expenses (sometimes transportation is included in the program fees). Additional expenses may include housing, meals, visa and health insurance. CMC charges a \$350 withdrawal fee.

### • **Financial Aid Regulations**

Students receiving financial aid will continue to receive their state and federal aid, as well as private and merit scholarships while studying abroad. Students receiving CMC grants-in-aid will receive up to 100 percent of CMC grants, not to exceed the cost of a semester or year at CMC. The grants will be adjusted depending upon the cost of the program and never exceed on campus grants.

Students are billed by CMC for the program fee (minus the acceptance deposit) in the same intervals in which they would normally receive their CMC bills.

### **Washington Program**

Established in 1972, the Washington Program is the only program outside of Claremont administered by CMC.

Participants in the program work full-time as interns; in addition to the internship, students enroll in two courses taught by CMC faculty, and complete a research paper under faculty supervision, for a total of four CMC course credits.

In consultation with CMC faculty and staff, students accepted to the program obtain their own internships in the semester prior to the internship. In recent years, CMC students have interned for Members of Congress, at the White House and executive branch agencies, at think tanks, in the mass media, for advocacy groups, at international organizations, and in the private sector.

### • **Application and Qualifications**

The Washington Program is open to second semester sophomores and juniors from The Claremont Colleges; priority is given to juniors. At the time of application students must have a cumulative GPA in Claremont of at least "B" (9.00), a strong interest in politics,

and successfully completed at least one introductory course in American government. All majors are welcome.

#### • **Costs**

CMC interns pay CMC tuition and a \$100 student body fee for the costs of the academic program, special events, field trips, and roundtrip transportation. Washington interns find and rent their own apartments in Washington, D.C. CMC students receiving financial aid will continue to receive their CMC award as well as their awarded aid from outside sources. Financial aid award packages may be higher than on-campus packages to reflect the higher cost of living in Washington, D.C.

For detailed information, consult the website: [www.washington.claremont-mckenna.edu](http://www.washington.claremont-mckenna.edu)

### **Other U.S. and Exchange Programs**

In addition to the Washington Program, CMC offers its students the opportunity to study Environmental Science at the Marine Biological Laboratory in *Woods Hole*, Massachusetts. CMC also offers students the opportunity to spend one semester at *Colby College* in Maine, *Haverford College* in Pennsylvania, or at *Morehouse* or *Spelman College* in Atlanta, Georgia. For more information on domestic exchange programs, see the *Off-Campus Study Handbook*.

## **Internship Programs**

### **Internships**

CMC encourages students to participate in internships during the summer or academic year, provided their academic commitments allow for this time-consuming activity. Providing real-world experiences, internships are a desirable complement to classroom instruction. While not all internships offer compensation, the experience is invaluable for future employment and application to graduate and professional schools.

Students who participate in any internship do so with the understanding that CMC cannot make any representation regarding

any acts and/or omissions regarding students' personal safety or property while at, or traveling to, the intern site, since such matters are beyond the direct control of the College.

For most summer and semester internships CMC students may petition to receive one-half course credit, provided they complete the academic requirements for credit listed below. However in addition to the Washington Semester Program, qualified students may receive full credit for the (semester) California Internship Program, and the summer internship programs in economics and economics-accounting. These programs have their own requirements and policies and the information provided below does not apply to these internship programs.

CMC students are encouraged to use faculty referrals, student organizations, alumni networking, the Internet, and the CSC to identify and obtain internships. The CSC provides internship listings, on-campus interviews, alumni databases, Internet web site listings, and publications specifically devoted to internships. It also distributes a biweekly newsletter to keep students informed about internship opportunities and related workshops and programs.

Special *CMC-funded internships*, though competitive, can be an ideal way to gain experience; they include the Community Service Internship Program, which supports CMC's philosophy of giving back to the community by paying stipends to a limited number of students who work in a community service setting; the McKenna International Internship Program, to support some students who identify and acquire internships abroad; and the Kravis Leadership Institute Internship Program for internships in non-profit settings. Further information on these one-half credit internships is available from the CSC or the Kravis Leadership Institute.

International students must meet with the director of International Place before registering for any internship, to insure compliance with student visa regulations.

## Credit, Registration and Eligibility for One-Half Credit Internships

CMC students may petition to receive one-half course credit for a semester or summer internship. Internships are graded CR/NC, and students may apply up to one elective course credit for internships toward graduation. Internship credit may not be applied to major or general education requirements. Students may petition for academic credit whether or not they are paid for their internship work.

Students interested in receiving one-half course credit for an internship must:

- select a faculty reader and agree upon a list of required readings relevant to the internship;
- select a topic for a final paper to be submitted to the faculty reader; and
- obtain approval from the appropriate department chair.

To be eligible for credit, students must:

- work at least two months or 60 days, and a minimum of 200 hours, and
- complete the academic requirements assigned by the faculty reader, and
- submit evidence of superior, conscientious internship performance, including a job review and performance evaluation from the internship supervisor.

*Semester* internship registration forms must be submitted to the Registrar's Office no later than the end of registration (tenth day of the semester). *Summer* internship registration forms must be submitted by the Friday before graduation. Forms are available in the Registrar's Office. Requirements for one-half credit summer and semester internships are identical.

## Summer Internship Program in Accounting

In cooperation with selected CPA firms, businesses and government agencies, the Accounting Program sponsors a summer internship program in accounting for juniors. Students may request to receive one-half or one full CMC course credit (CR/NC) for the internship, depending on the type of job and number of hours worked. Students must

obtain approval in advance to register for an accounting internship. To be eligible for academic credit, students must complete a paper on an agreed upon topic together with other readings or projects assigned by the faculty reader. Students must also provide the director of the Accounting program with an evaluation from their internship supervisor.

To be eligible for a *full course credit*, students must be an economics-accounting major, with a GPA in the major and a cumulative GPA of at least "B" (9.00). The student must have successfully completed at least 24 courses, including *Economics 86. Accounting for Decision Making; Economics 150. Theoretical Foundations of Accounting;* and *Economics 155. Financial Instruments and Income Determination*. In addition, students must work full-time (40 hours per week) for at least ten weeks.

Students may earn *one-half course credit* for a summer accounting internship that does not meet the criteria listed above, provided they work at least two months and meet the other requirements for one-half credit internships.

Internship registration forms must be submitted to the Registrar's Office by the Friday before graduation. All requirements must be submitted during the first two weeks of the fall semester.

## Summer Internship Program in Economics

In cooperation with sponsoring organizations, the Economics Department offers a summer internship program in economics. Students may request to receive one-half or one full CMC course credit (CR/NC) for the internship, depending on the type of job and number of hours worked. Students must obtain approval in advance to register for an economics internship. To be eligible for academic credit, students must complete a paper on an agreed upon topic together with other readings or projects assigned by the faculty reader. Students must also provide the director of the Economics Internship Program with an evaluation from their internship supervisor.

To be eligible for a *full course credit*, a stu-

dent must be an economics major with a GPA in the major and a cumulative GPA of at least "B" (9.00). The student must have successfully completed at least 24 courses, including *Economics 50. Principles of Economic Analysis*; *Economics 86. Accounting for Decision Making*; *Economics 101. Intermediate Microeconomics*; and *Economics 102. Intermediate Macroeconomics*, or the equivalent. As part of the summer internship in economics, students must work full-time (40 hours per week) for at least ten weeks.

Students may earn *one-half course credit* for a summer economics internship that does not meet the criteria listed above, provided they work at least two months and meet the other requirements for one-half credit internships.

Internship registration forms must be submitted to the Registrar's Office by the Friday before graduation. All requirements must be submitted during the first two weeks of the fall semester.

## Military Science

### Army

The Reserve Officer Training Corps (ROTC) is an on-campus commissioning program open to all students interested in service as an active duty Army officer or reserve officer in the National Guard or U.S. Army Reserve. An undergraduate degree is required for commissioning.

Army ROTC challenges students to develop leadership traits critical to any career, but designed for the military environment. Classroom instruction (see "Military Science" in "Courses of Study and Programs Offered at CMC") and leadership laboratories give students an active role in learning and reinforcing course concepts; instructors provide immediate feedback. Additional events each semester include training exercises in leadership development, orienteering, rappelling, rifle marksmanship, and small unit tactics. Students also may participate in active Army training schools during the summer. Airborne training, a three-week course at Ft. Benning, GA, teaches military parachuting techniques

and awards airborne wings to participants upon completion of their fifth jump.

Students meet basic program requirements through class attendance in their freshman and sophomore years, or through attendance at Leadership Training Course, a five-week intensive summer leadership training course at Ft. Knox, KY. Students with two full years of college remaining after completion of this training course enroll directly in the advanced program.

Advanced program students attend National Advanced Leadership Camp at Ft. Lewis, WA, between their junior and senior year. This camp, the capstone event of each student's ROTC career, offers an opportunity to demonstrate leadership skills while working alongside fellow students from across the nation.

### ROTC Scholarships

Students may compete for ROTC scholarships while in their junior and senior year of high school (early and regular decision cycle). The application deadline for regular decision is November 15. Each year, selected students receive \$17,000 toward tuition from the Army and a room-and-board grant from CMC as part of the program. Students who wish to be considered must indicate CMC as one of their top three choices on their four-year scholarship application.

Students also may compete for on-campus two- and three-year scholarships. Tuition assistance is paid at a tiered rate, with an additional \$600 for books and fees, and a tiered tax-free monthly stipend ranging from \$250 to \$400 for personal expenses.

Qualified students can enroll in Army ROTC at any point in their college careers, if they have at least two full years of full-time academic coursework remaining. Participation in the basic course (freshman/sophomore years) carries no military obligation, except for scholarship students. Students normally sign contracts in the fall of their junior year. Service obligation is four years active duty, followed by four years inactive reserve or eight years reserve duty.

Students may apply for guaranteed reserve forces duty, either scholarship or non-scholarship. Graduate students may also participate in ROTC as long as they remain on full-time status and have two years remaining at their graduate institutions. Education delays are available to complete advanced schooling, usually in medical, dental, or law school.

Students with prior service time, prior ROTC training, or reserve training may qualify for immediate advanced program placement. Selected students also may participate in a reserve or national guard unit while in ROTC, drawing pay from both.

All questions about Army ROTC should be directed to the Military Science Department, Bauer Center South, room 101, (909) 621-8102/8103.

## Air Force

Through Harvey Mudd College (HMC), The University of Southern California (USC), and California State University, San Bernardino (CSUSB), students can enroll in AFROTC at any of the schools (Tuesdays at HMC, Thursdays at USC, and Fridays at CSUSB).

AFROTC offers a variety of two-, three- and four-year scholarships, many of which pay the full cost of tuition, books and fees. Successful completion of four or more semesters of AFROTC academic classes and leadership laboratories can lead to a commission as a second lieutenant in the United States Air Force.

Classes consist of one hour of academic work and two hours of laboratory for freshmen and sophomores, and three hours of academic work and two hours of laboratory for juniors and seniors. Some academic hours may be counted as elective credit toward graduation.

AFROTC cadets under scholarship, and all juniors and seniors, receive a tax-free monthly stipend. For information, contact the Department of Aerospace Studies, (213) 740-6602, or (909) 880-7322.

## Accelerated, and Joint or Dual Degree Programs

To support students interested in earning degrees from both CMC and another academic institution at the same time, or in earning advanced degrees at an accelerated rate, CMC has established relationships with a number of respected academic institutions.

### Joint and Dual Degree Programs

- *BA/BS in Management-Engineering*

Designed for strong students who want both a thorough liberal arts background, a solid grounding in economics and management, and a major in engineering, the BA/BS management-engineering (ME) program allows students to attain the first two goals in three years at CMC, and the third at a school of engineering to which they have been accepted, normally in an additional two years.

During their junior year at CMC, students apply to transfer to an accredited engineering school. The five chosen most often by students in the last five graduating classes are (in order of frequency): Columbia University; University of California, Berkeley; Harvey Mudd College (HMC); University of Southern California; and Stanford University. Program participants must complete at least 24 courses, including all major requirements and all general education requirements except for senior thesis, before leaving CMC. CMC graduating classes typically include about 10 ME students. The Bachelor of Arts degree is conferred upon confirmation by transcript of receipt of a Bachelor of Science degree, or the equivalent, in engineering. Students entering CMC in the Fall of 2003 or thereafter who are interested in combining a program with HMC select the dual degree program in *Economics and Engineering* (see below). For information, see "Management-Engineering" in "Courses of Study and Programs Offered at CMC."

- *BA/BS in Economics and Engineering*

The new Economics and Engineering program is a dual degree program of Claremont

McKenna College (CMC) and Harvey Mudd College (HMC). Like the ME program, the Economics and Engineering program is designed for students interested in a liberal arts education, together with a demanding curriculum in both economics and engineering.

Students in this 5-year program spend the first three years (at least 24 courses) at CMC and the last two at HMC. The program is an extension of the successful Management-Engineering (ME) program, but has more requirements and students complete full majors in economics and engineering. In addition, students complete all general education requirements of both HMC and CMC, except for the senior thesis at CMC. Upon completion of the program, students receive a Bachelor of Arts degree with a major in economics from CMC, and a Bachelor of Science degree with a major in engineering from HMC.

During the three years at Claremont McKenna College, students complete all of CMC's general education requirements, all but three of the courses required for a major in economics, and several science and engineering courses. The science courses may be taken at Joint Science or at HMC; the engineering courses are taken at HMC. During the two years at HMC, students take HMC's general education requirements, the requirements for the major in engineering, and the remaining elective courses in economics. Some courses may be used for more than one requirement. *Students who plan to major in Economics and Engineering are expected to complete five (or more) courses per semester. New students may enroll in five courses during their first semester.* Professor Higdon is the program advisor.

Under a joint admissions agreement, CMC students with a grade point average of 9.50 or higher, who have completed all required courses for the program during their years at CMC and meet HMC's other grade requirements, are *guaranteed admission to HMC*. Deadline for application is February 1 of the junior year. For information, see "Economics and Engineering" in "Courses of Study and Programs Offered at CMC."

- *BA/MS in Applied Biology*

The program in applied biology enables CMC students the opportunity to attend a liberal arts college for three years, completing a major in a natural science as well as the liberal arts curriculum. After three years, majors then transfer to Keck Graduate Institute (KGI) for two additional years of study in applied life sciences.

At CMC, students must complete at least 24 courses, including all major and general education requirements except for senior thesis. Students receive their BA degree from CMC upon completion of all requirements for the Masters degree from KGI. Students interested in this major complete summer internships after their first and second years at CMC, and apply to KGI for admission during their junior year.

The major requires 17 courses, although some requirements may be waived due to placement. Due to the number of major requirements and the sequential nature of many required courses, students must plan their schedule carefully with their advisor. For further information, see "Applied Biology" in "Courses of Study and Programs Offered at CMC."

- *JD from Columbia University*

A joint program with Columbia University School of Law enables students to obtain a Bachelor of Arts (BA) degree from CMC and a law degree from Columbia within six years. Two juniors may be nominated for this program each year. Program participants must complete at least 24 courses, including all major requirements and all general education requirements except for senior thesis, before leaving CMC.

Students receive the BA from CMC upon confirmation by transcript that they have successfully completed their first year (the equivalent of at least eight CMC courses) of law school at Columbia. For information, contact the dean of students.

- *Early Graduate School Entrance*

Students with unusually strong records may

be accepted by graduate schools at the end of their junior year (with completion of at least 24 courses). Once they complete at least two years of graduate work and earn advanced degrees, CMC will grant them the Bachelor of Arts degree. Students must complete all of CMC's general education and major requirements except for senior thesis, before leaving the College. For information, contact the registrar.

### Accelerated Degree Programs

- *MA Program in Economics*

CMC students interested in graduate economics training for business, government, or non-profit enterprise may wish to consider the accelerated BA/MA program in economics. In this program CMC students, with the permission of the program advisor and the CGU instructor, enroll in Claremont Graduate University (CGU) courses as part of their undergraduate education. Program participants may count four CGU graduate economics courses completed while enrolled at CMC towards both the CMC Bachelor of Arts degree and the CGU Master of Arts degree. After receiving the CMC degree, program participants enroll at CGU for two additional semesters, and complete another eight graduate courses for the MA degree.

Interested students should meet with their CMC advisor and CGU economics faculty member during their junior year to map out a program of study and prepare their application to CGU. To be accepted, the student's undergraduate grades and recommendations must indicate maturity and intellectual readiness for graduate study. Applications and degree requirements information are available from the CGU Department of Economics.

- *MBA – Robert A. Day 4+1 Program in Business Administration*

The Robert A. Day 4+1 Program allows students to earn a Bachelor of Arts degree from CMC and an MBA from the Peter F. Drucker Graduate School of Management at Claremont Graduate University (CGU) in five years. All requirements for the BA degree

are completed during a student's four years at CMC. In their junior and senior year at CMC program participants enroll in up to four Drucker School courses. During the fifth year students are registered at CGU and take Drucker School MBA courses.

The Drucker School accepts for credit toward the MBA two CMC elective economics courses and up to four MBA courses taken during the junior and senior year. In addition to normal coursework, 4+1 students participate in two intensive summer internships, one after the junior year and the second in the summer between CMC graduation and the fifth year of the program.

Interested students should discuss the program with the program's associate director no later than the beginning of their junior year to plan their programs of study and sequencing of coursework. Students apply for admission to the 4+1 program during the second semester of the junior year. College transcripts and GMAT scores should be submitted to the graduate program by Spring Break.

After admission, participants meet with both CMC and Drucker School advisors to complete their study plans.

- *MA in Political Science*

Government majors in good standing and interested in pursuing a Master's degree at Claremont Graduate University may begin work on a Master's degree in political science at the Center for Politics and Economics at The Claremont Graduate University (CGU) during their senior year at CMC. In their last year at CMC, program participants select classes that will count toward both the Bachelor of Arts degree (with a major in government) at CMC and one of the following Master's programs at CGU: public policy (MAP), international studies (MAGIS), and politics (MAP).

Students must seek formal admission to the program at CGU late in their junior year or early in their senior year. Up to three graduate-level courses may be completed in the senior year, preferably two core courses in the chosen field and a relevant elective, and

applied toward the graduate degree. In addition, CGU may accept some CMC government courses toward the MA degree.

Students receive a BA from CMC at the end of senior year and the MA from CGU upon completion of 36 graduate units and the Master's research paper, as required for the MA degree. .

- *MA in Psychology*

CMC and Claremont Graduate University (CGU) offer qualified students the opportunity to obtain an accelerated MA degree in psychology from CGU one year after receiving the Bachelor of Arts from CMC. This program is open to students who are majors or dual majors in psychology or neuroscience, and who complete a one-year empirical research senior thesis in one of those fields

during the senior year. Program participants must be recommended by the CMC Psychology department and usually will be accepted for the program in the second semester of their junior year or the first semester of their senior year.

CGU may grant up to 12 units of credit for advanced undergraduate coursework in psychology at CMC, and eight units for the senior thesis, for a total of 20 (semester) units. After graduating from CMC, participants must complete at least 24 (semester) units in psychology at CGU, for a total of at least 44 units, including an empirical Master's project typically linked to the senior thesis. Ordinarily, faculty members from both the CMC and the CGU departments will serve on the senior thesis and MA thesis committees.

