


I'm not robot  reCAPTCHA

Continue

You're Here: Home/Graduate Program/Graduation Program Welcome to ME Current Graduate Handbook! Here you will find important, department-specific information about who you should go with your questions, course and degree requirements, as well as counseling. It also contains many resources related to student life. We hope this will be a one-stop shop for most of the information you need, but if you have any questions or reviews, please be sure to contact the ME Student Services Office. The Office of Student Services provides information and resources to assist students during their studies and to explain some of the necessary bureaucratic requirements of the Higher Division as a liaison. It is easy to confuse the role of this office with the role of the Higher Department. The Alumni Department has an official say on whether a student has completed all degree requirements for graduation and students are required to adhere to their policies (found in . The Higher Education Department is also responsible for university admission. They can withhold admission if any documents (i.e.: transcripts, application fees, etc.) are out of order. They can also refuse admission to anyone who does not meet the requirements of admission to the Graduate School, even though the department recommended hospitalization. For more information on the role of the Higher Division, click here: . The Office of Student Services is responsible for processing applications for admission, processing of petitions and forms. We also advise and disseminate information on degree requirements and policies. As students of primary communication with the Division of Student Records Administration Scholarships Organization and Administration of Pre-Examinations Administrative Support of GSI qualifying exams and Reader processing applications/administration of their appointment process advising students on progress towards completing their degrees in general, the Office of Student Services acts as a resource for information and/or referrals to other university organizations when necessary. Please note that our office comes rather hectic from January to March due to the processing of applications, which has strict deadlines to be met. While we will try to assist you with any requests you may have in an expeditious and efficient manner, we will be very grateful for your patience during this time period. Contact information for teachers can be found here. The hours of the faculty's work can be found here. Each large field group has an appointed Chief Field Adviser (MFA), and each student of the department is appointed by a major, with the exception of the 5th year students, of whom the MFA is Chair of graduate school. The most up-to-date list of MFIs is always posted bulletin board outside the Office of Student Services. You should meet with your MFA to discuss the schedule of classes before the beginning of each semester - if you have not completed all your coursework, you will need the MFA to sign up for your Confirmation Of the Schedule class. S/it is responsible for advising you on what courses to take each semester and overseeing your academic program and progress towards completing your degree. Once your MFA and you have agreed on a class schedule, you can bring your form to the Student Services Office, get a consultant code and sign up through TeleBEARS. In addition to advising you on your training program, the MFA is responsible for: Approval courses for this semester by providing your signature on the course confirmation form. By recommending action on various petitions, you can initiate the service as a general source of advice and advice on all matters relating to your relationship with the college and university If you have a problem that your MFA cannot resolve, please come to the Me Student Services Office. The current list of MFIs can be found here. Choosing a research consultant will be one of the most important decisions you will make during your graduate career. Who your advisor will be will have a profound impact on your academic and postgraduate career. Research consultants are different from the main field consultants (IFA), who typically represent their field of research as a whole (although your research advisor and MFA for your group may be the same person in any semester). You tend to have a much closer personal relationship with your research adviser than your MFA. In addition to overseeing your research, s/he is your main point of contact for all the following: Academic Mentoring - S/He will be able to advise you on what small courses you should take regarding the interests of research and help shape and expand your interests of the Committee's Recommendations - Although it is better. It's a reciprocal process and it would be behoove you'll meet with the teachers in person (at least a few times) to better ensure that the c/it fits both your personality and research area before you both make a decision. To get a better idea of current studies and teacher style, you can talk to your graduate students, read their latest articles, go to any seminars that they can offer, and/or visit them during working hours. To be officially registered with the University of California, Berkeley, you must meet three criteria: You must be enrolled in at least one class. Yours and fees must be paid either in full or in the down payment plan. You should not have holds against your registration You must be officially registered to access campus services such as library privileges, recreational sports fund, university medical services, etc. Incoming graduate students, including those who completed their undergraduate programs at the University of California,

your workshop by emailing a graduate student services officer in the ME Student Services Department with a proposed date and time workshop, as well as abstract talk. Contact the ME's Student Services Authority to confirm your number reservation. The ME Student Services Authority will announce the date, time and details of the conversation with the department. Complete your PhD thesis. Candidate Workshop Form and take it to your seminar. Get the signatures of any teacher present from your committee. Return the form to the ME Student Services Authority. Recommendation lists have been compiled to help you choose courses to achieve your program goal. Because there is a wide range of student interests in different fields, each list has been divided into two or three groups. First consists of basic courses that are recommended to all students in the given program. The second and third groups are proposed to enhance your specialty area. To make sure that you are making adequate progress in achieving your goal degree, you should consult with your chief field counselor each semester before registering for classes. For Major Biomechanical Engineering you can select all five courses from the Core group, or select three from the Core group and two others from a range of areas such as mechanics, fluids, materials, MEMS or controls - see the lists below for approved courses in these areas. In any case, you can choose no more than two (top division) undergraduate courses. When selecting a 3/2 main, there should be a thematic relationship between the three main courses and the two accent courses. Also, for this option, two accent courses should not be in your announced Small; In this case, we recommend that you consider being as major or smaller, and declare Biomechanical Engineering as your fellow because this option better aligns your course interests with your core area. For Small Biomechanical Engineering, you should select all courses from the Core group. If you want to use other courses not listed below for Biomechanical Engineering Major or Small, please discuss this with your chief field advisor. This option will require the formal approval of both your local principal counsel and the vice-chairman of higher education and will be approved only with the appropriate justification. Main courses in biomechanical engineering Mech C117 / Bio Eng C117 - Structural aspects of biomaterials Fur Eng 120 - Computational biomechanics through several weights Mech Eng C176 / Bio Eng C119 - Orthopedic biomechanics Meh Eng C210 - Advanced orthopedic biomechanics Mech Eng 211 - Cell as a Machine Mech Eng C212 / Bio Eng C212 - Heat and mass transport in biomedical engineering Mech Eng C213 / Bio Eng C213 - mechanics of liquid biological systems Mech Eng C214 / Bio Eng C214 - Advanced Tissue Mechanic Mech Eng C215 / Bio Eng C222 - Advanced Structural Aspects of Biomaterials Mech Eng C216 / Bio Eng C215 - Mech Cell Mech Eng C223 / Bio Eng C22 Polymer Engineering Mech Eng 278 Advanced Design for Human Body Mech Eng C290L - Introduction to Nano-Biology Fur Eng C290X / Bio Eng C290D - Advanced Technical Communication Mech Eng 292A - Advanced Special Thematic Courses for Focus Areas : Biomechanical Engineering with Design Accent Fur Eng 290K - Innovation and Life Cycle Thinking Fur Eng 290 P - New Product Development: Design Theory and Techniques Fur Eng C292C - Designing The Upper Limb Prosthesis Mech Eng C292C - The Man at the Center design Fur Eng 290 - Dynamic Control Robotic biomechanical engineering Mechanics Accent Fur Eng 185 - Introduction to Continuum Mechanics Mech Eng 280A/B - Introduction to The End Element Method / End Element Techniques in Nonlinear Continua Mech Eng 284 - Nonlineum Theory of Elastic Biomechanical Engineering with Liquids Accent Mech Eng 167 - Microscale Fluid Flow Mech Eng 260A/B - Advanced Fluid Mechanics I/Advanced Fluid Mechanics II Mech Eng 263 - Turbulence Mech Eng 266A/B - Ultimate Difference of Fluid Dynamics /Spectral Methods for - Fluid Dynamics Mech Eng C268 - Physical And chemical hydrodynamic biomechanical engineering with emphasis Materials Fur Eng 224 - Mechanical Behavior Engineering Materials Fur Eng C225 / Material Science C212 - Deformation and Fracture Engineering Materials Fur Eng 226 - Tribology Mech Eng 227 - Mechanical Behavior composite Materials Biomechanical Engineering with MEMS Accent Fur Eng 119 - Introduction to MEMS (Micro Electromechanical Systems) Fur Eng C219 / Electric Eng C246 - Parametric and Optimal Design MEMS Mech Eng C218 / Electric Eng C245 - Introduction to MEMS Design Biomechanical Engineering with Control Accent Fur Eng C134 / Electric Eng C128 - Mech Feedback Control Systems Eng 230 - Real-time Applications Mini and Micro Computers Mech Eng C232 / EI Eng C220A - Advanced Control Systems If controls is the primary for your PhD research, you should take at least 5 courses from the lists shown below. Of these, at least 4 courses must be from the Core control list. You should consult with your chief field advisor if you plan to include any of the courses listed in the accent areas as part of a non-contummable minor who has a common course with an area of emphasis (e.g. an emphasis in dynamic systems and a slight in dynamics). Other courses not listed may be selected with the approval of the chief field adviser and the Vice-Chairman of the Study. You must prepare a written justification for your choice. If Controls represents a minor for your PhD study, you should take at least 2 courses from the List of Major Management courses. You cannot recalculate the courses on both basic and minor requirements. Basic Management Courses Eng 231 - Mathematical Techniques in Engineering Mech Eng 292B - Advanced Special Themes Mech Eng C134 / Electric Eng C128 - Mech Eng 230 Feedback Systems - Real-time Applications of Mini and Micro Computers Mech Eng C231A / EI Eng C220B - Experi Advanced Management Design I Mech Eng C231B / EI Eng C220C - Experimental Advanced Management Design II Fur Eng C232 / EI Eng C220A - Advanced Control Systems I Mech Eng 233 - Advanced Control Systems II Fur Eng 234 - Multivariate System Mech Eng 237 Design - Management of Mech Eng 2900 Nonlinear Dynamic Systems - Predicted Control for Mech Mech Linear and Hybrid Systems 290N - System Identification One Unit Core Courses Students will have to take all three count on one core course Mech Eng 190L - Practical Management System Design: Systematic Loopshaping Approach Mech Eng 190M - Mech Eng 190Y Management Prediction Model - Practical Design Management System: Systematic Optimization Approach Courses for Management With Management Systems Accent Mech Eng C290S / Electric Eng C291E - Hybrid Systems and Smart Control Mech Eng C236 / Civ Eng C291F - Control and Optimization of Distributed Options System Electric Eng 221A - Linear Theory of The Electric Eng 222 System - Nonlinear Systems Analysis, Stability and Control Electric Eng 223 - Stochastic Systems: Evaluation and Control Electric Eng 226A - Random Processes in Electric Systems Eng 227A/B - Introduction to Conway Optimization / Convex Optimization and Approx Courses for Management with Dynamic Systems Accent Mech Eng 175 - Mech Eng 273 Intermediate Dynamics - Fluctuations in Mech Eng 274 Linear Systems - Accidental Fluctuations of Mechanical Systems Mech Eng 275 - Extended Dynamics Mech Eng 277 - Fluctuations in nonlinein systems Mech Eng 280A - Introduction to the final element Method Mech 283 - Wave Spread in Elastic Media Fur Eng 288 - Theory of Elastic Stability Courses for Management with Mechatronics and Robotics Accent Mech Eng 131 - Vehicle Dynamics and Control Fur Eng 229 - Design of major electromechanical devices Me Eng 239 - Advanced Design and Automation Electric Eng C125 / Bioengineering C125 - Introduction to Robotics Electric Eng 192 - Mechatronic Design Lab If Design Is the Main Of Your PhD Studies, you should take at least 5 courses from the lists, below. Of these, at least 3 courses should be off the Design Core list. You should consult with your chief field counselor if you plan to include any of the courses listed in the accent area as part of non-design minor, which has general courses with an accent area (e.g. accent in Mechatronics and minor in MEMS or control). Other courses not listed may be selected with the approval of the chief field adviser and the Vice-Chairman of the Study. You must prepare a written justification for your choice. If the design is a minor of your graduate students, you should take at least one course from the Design Core list. Main Design Courses Fur Eng 292C - Advanced Special Themes Mech Eng 128 - Computer Mechanical Design (Course has not been taught for the last 5 years) Fur Eng C223 / Bioengineering C223 - Polymer Engineering Mech Eng 224 - Mechanical Behavior Engineering Materials Mech Eng C225 / Material Studies C212 - Deformation Fracture Engineering Materials Mech Eng 228 - Computer Aid, Optimal Mechanical Design Fur Eng 229 - Design Design Electro-Mechanical Devices Mech Eng 239 - Advanced Design and Automation Fur Eng 270 - Advanced Human Expansion Dexterity Mech Eng Eng 290H - Green Product Development: Design for Sustainability Fur Eng 290K (A and B. Considered Together, As a single course) - Innovation and Life Cycle Thinking Mech Eng 290 P - Development of New Products: Design Theory and Methods Courses in Design with Calculation and Optimization Accent Mech Eng 128 - Computer Mechanical Design (Course has not taught for the last 19 5 years) Fur Eng 145 (Course has not taught in the last 5 years) Fur Eng C180 / Civ Eng C133 - Engineering analysis using the method of the final element Mech Eng 280A / B - Introduction to the method of course Element / End-Use Element in Nonlinear Continua Mech Eng 290D - Solid Modeling Mech Eng 290M - Expert Systems in Mechanical Engineering Comp Sci 160 - Ui Interface Design and Eng Eng 160 Development Advanced Engineering Design Graphics IECOR C215/Infocor C258 - Analysis and Database Design IECOR 262A/B - Mathematical Programming I / Mathematical Programming II IECOR 268 - Applied Mathematical Programming Courses in Design with Mechatronics Accent Fur Eng 133 - Mechanical Vibrations Mech Eng C134 / Electric Eng C128 - Mech Eng Feedback Systems 135 / 3235 - Design of Microprocessor Mechanical Systems Mech Eng 229 - Design of the main electromechanical devices Mech Eng 230 - real-time applications of mini and micro computers Mech Eng C232 / EI Eng C220A - Advanced Control Systems I Mech Eng 239 - Advanced Design and Automation Mech Eng 290 - Dynamic Control of Robotic Manipulators EI Eng 192 - Mechatronic Design Lab Courses in Design with Product Design Accent Mech Eng 101 - High Mix / Low Production Mech Eng 110 - Introduction to Product Development Mech Eng 127 - Composite Materials Analysis, Design, Production Fur Eng 221 - High-Tech Product Design and Fast Production Fur Eng 227 - Mechanical Behavior Composite Materials Mech Eng 229 - Design of Major Electromechanical Devices Mech Eng 239 - Advanced Design and Automation Mech Eng 290H - Green Product Development : Design for Sustainability Fur Eng 290K (ABB) - Innovation and Life Cycle Thinking Fur Eng 290P - New Product Development: Design Theory and Techniques IECOR 170 - Industrial Design and Human Factors Courses in Design with Machine Design Accent Fur Eng 130 - Design Planar Machinery Mech Eng 133 - Mechanical Vibrations Mech 133 C133 - Mechanical Vibrations Mech Eng 13372 (Course not taught in 5 years) Fur Eng 220 - Precision Production Mech Eng 221 - High-Tech Product Design and Fast Production Fur Eng 222 - Advanced Manufacturing Processes Mech Eng C223 / Bio Eng C223 - Polymer Engineering Engineering Eng C225 / Mat Sci C212 - Deformation and fracture engineering engineering Fur Eng 226 - Tribology Mech Eng 227 - Mechanical Behavior Composite Materials Mech Eng 229 - Design of Major Electromechanical Devices Mech Eng 239 - Advanced Design and Automation Courses in Design with MEMS Design Accent Mech Eng 119 - Introduction to MEMS (Introduction to MEMS Microelectromechanical Systems) Mech Eng C218 / Electric Eng C245 - Introduction to MEMS Design Mech Eng C219 / Electric Eng C246 - Parametric and Optimal Design MEMS If Dynamics Is a Major Part of Your PhD Study, You Should Take at Least 5 Courses From Lists, below. Two Dynamic Core courses will be required if you have not taken equivalent courses previously. You should consult your chief field advisor if you plan to include any of the courses listed in the accent areas as part of a non-dynamic minor who has a common course with an area of emphasis (e.g. a focus on dynamic systems and minor controls). If Dynamics is a minor from your PhD study, you should take at least two courses from the lists shown below. Two Dynamics Core courses will be required if you haven't taken equivalent courses before. In case you believe you have taken an equivalent course or course, it is highly recommended to discuss your course options for the dynamics of minor with the dynamics of the main field advisors. Other courses not listed may be selected with the approval of the chief field adviser and the Vice-Chairman of the Study. You must prepare a written justification for your choice. Main Dynamics Courses Mech Eng 292D - Extended Special Themes Mech Eng 175 - Intermediate Dynamics Mech Eng 273 - Fluctuations in Linear System Courses in Dynamics with Dynamics Accent Mech Eng 170 - Engineering Mechanics III, Mech Eng 274 - Accidental Fluctuations of Mechanical Systems Mech Eng 275 - Advanced Dynamics Mech Eng 277 - Fluctuations in nonlinear systems Mech Eng 290A - Nonlinear Dynamics of Continuous Systems Courses in Dynamics with Dynamic System Accent Mech Eng C134 / ElectricEng C128 - Mech Eng 233 Feedback Management Systems - Advanced Control Systems II Mech Eng 234 - Multivariate Design Management System Mech Eng 237 - Management Of Nonline Mech Eng 274 Dynamic Systems - Accidental Fluctuations of Mechanical Systems Mech Eng 275 - Advanced Dynamics Mech Eng 277 - Fluctuations in non-linear systems courses in dynamics with other applications Emphases Mech Eng 173 - Basics of Acoustics Mech Eng 230 - Real-time applications of mini and micro computers Mech Eng 240A - Advanced Marine Structures I Mech Eng 279 - Statistical Elastic Mechanics (this course intersects with CE C235) Fur Eng 280A - Introduction to the final element of the Method Mech Eng 283 - Wave Spread in elastic media Fur Eng 288 - resilient stability if energy science and is the bulk of your PhD research, in the field of combustion, you should take at least 5 courses from the lists shown below. Of these, at least 3 courses should be from the Core combustion list. Other courses not listed may be selected with the approval of the chief field adviser and the Vice-Chairman of the Study. You must prepare a written justification for your choice. If combustion is a small part of your PhD study, you should take 2 main courses from the lists shown below. You cannot recalculate the courses on both basic and minor requirements. Main courses in burning Mech Eng 292E - Extended special themes Mech Eng 255 - Advanced Combustion Processes Mech Eng 254 - Thermodynamics I Mech Eng 256 - Burning Mech Eng 257 - Advanced Combustion Recommended Courses in Combustion Mech Eng 252 - Heat Convection Mech Eng 253 - Heat Radiation Mech 256 - Fire Mech Mech 260A/B - Advanced Fluid Mechanics I / Advanced Fluid Mechanics II Courses in Combustion You Are Invited to Take Mech Eng 25 1 - Heat Conduction Fur Eng 258 - Transfer of heat from phase shift Fur Eng 263 - Turbulence Chemistry 122 - quantum mechanics and spectroscopy chemistry 226A - Chemical kinetic mathematics 121 (A or B) - Mathematical instruments for physics and mathematics mathematics12 Numerical Analysis / Digital Mathematics Analysis 22A/B - Mathematical Methods for Physics and Mathematical Sciences Mathematics 22A/B - Numerical Solution of Differential Equations 7.2.5B - ENERGY SCIENCE AND TECHNOLOGY - HEAT TRANSFER If Energy Science and Technology Is a Major Part of Your PhD Research In the area of heat transfer, you should take at least 5 courses from the lists shown below. Of these, at least 4 must be from the main heat transfer list. Other courses not listed may be selected with the approval of the chief field adviser and the Vice-Chairman of the Study. You must prepare a written justification for your choice. If Heat Transfer is a secondary field for your doctoral program, you should take 2 main courses from the list below. If you want to use other courses for your small field, you must first get the approval of the Chief Field Advisor. You cannot recalculate the courses on both basic and minor requirements. Main Courses in Heat Transmission Fur Eng 292E - Advanced Special Themes Mech Eng 246 - Advanced Energy Conversion Principles Mech Eng 251 - Heat Holding Fur Eng 252 - Heat Convection Mech Eng 253 - Heat radiation Mech Eng 258 - Heat transfer with phase Change change Eng Eng 259 - Micro-scale thermophysics and thermal transmission Additional courses in heat transfer Mech Eng - Advanced Heat Transfer Mech Eng C212/Bio Eng C212 - Heat and Mass Transportation in Biomedical Engineering Mech Eng 254 - Thermodynamics I Mech Eng 256 256 Burning Mech Eng 260A/B - Advanced Fluid Mechanics I / Advanced Fluid Mechanics II Mech Eng C268 / Chem Eng C268 - Physical Hydrodynamics Mech Eng 290G - Laser Processing and Diagnosis Mech Eng 290T - Plasma Materials If Fluid Mechanics Is the Bulk Of Your Study PhD, you must complete at least 5 courses from the lists shown below. Of these, you must take ME 260A/B and at least 2 others from the Core list. The rest can be from any list. Other courses not listed may be selected with the approval of the chief field adviser and the Vice-Chairman of the Study. You must prepare a written justification for your choice. If fluid Mechanics is a small part of your PhD study, you should take 2 courses from the lists below. One of these courses should be ME 260A/B from the Core list. You cannot recalculate the courses on both basic and minor requirements. Main Courses in Liquids Mech Eng 292F - Extended Special Themes Mech Eng 241A/B - Marine Hydrodynamics I / Marine Hydrodynamics II Fur Eng Mech 260A/B - Advanced Fluid Mechanics I / Advanced Fluid Mechanics II Fur Eng 262 - Fluid Theory Mech Eng 263 - Turbulence Mech Eng 266 - Geophysical and Astrophysical Fluid Dynamics Mech Eng 267 (not taught for 5 years) Mech Eng C268/Chem Eng C268 - Geochanical Physics Hydrodynamics Recommended Courses in Liquids Mech Eng 163 - Engineer Aerodynamics Fur Eng 167 - Micro-scale Fluid Mechanics Mech Eng 185 - Introduction to the Continuum Mechanics Fur Eng C212/Bio Eng C212 - Heat and Mass Transport in Biomedical Engineering Mech Eng 243 - Advanced Techniques in Free Surface Streams Mech Eng 248 - Transfer of Heat With Phase Shift Eng 266A/B - Ultimate Difference Techniques for Fluid Dynamics / Spectral Techniques for Fluid Dynamics If Production Is the Core of Your Study Graduates You must take at least 5 courses selected from the combination of lists shown below. Of these, at least 3 courses must be from the list of production core. You should consult with your chief field counselor if you plan to include any of the courses listed in the focus areas as part of non-manufacturing minor, which has a common course with an area accent (e.g. an emphasis in design and a minor in design or an accent in geometric modeling and a minor in computer science). You cannot recalculate the courses on both basic and minor requirements. Other courses not listed may be selected with the approval of the chief field adviser and the Vice-Chairman of the Study. You must prepare a written justification for your PhD study, you should take at least 2 courses from the Manufacturing Core list. Main courses in production Mech Eng 292G - Extended special themes Mech Eng 101 - High mix / Low volume volume Mech Eng 122 - Materials Processing in The Production of Mech Eng C201 (previously 222) - Modeling and Modeling Advanced Production Processes Mech Eng C202/Mat Sci C287 (formerly 287) - Computing Mech Eng 203 Multifunctional/Multiphysical Composite Materials Design - Nanoscale Processing of Mech Eng 220 Materials - Precision Production of Mech Eng 280A - Introduction to the Mech 2 2 Eng 280B - End-Use Elements in Nonlineum Continua Fur Eng Eng 287 - Introduction to the Continuum Mechanics Mech Eng 290D - Solid Modeling Mech Eng 290I (formerly Mech Eng 290I ENG 290C) - Sustainable Production of Eng 290R - Themes in Production Comp Sci 274 - Computing Geometry Courses in Manufacturing with Design Accent Mech Eng 228 - Computer Aid, Optimal Mechanical Design Mech Eng 290 C - Human Design Techniques at the Eng 290H Fur Center - Green Product Development : Design for Sustainability Fur Eng 290P - Development of New Products: Design Theory and Techniques Courses in Manufacturing with Solid Mechanics Accent Mech Eng 185 - Introduction to The Continuum Mechanics Mech Eng 282 - Elastic Theory Mech Eng 286 - Theory of Plasticity Mech Eng 286 - Theory of Shell Courses in Manufacturing with Liquids Accent Fur Eng 260A - Advanced Fluid Mechanics I Fur Eng 260B - Advanced Fluid Mechanics II Courses in Materials Materials Accent Fur Eng C223/Bio Eng C223 - Polymer Engineering Fur xEng 224 - Mechanical Behavior Engineering Materials Mech Eng C225/Mat Sci C212 - Deformation and Fault Engineering Materials Mech Eng 226 - Tribology Mech Eng 227 - Mechanical Behavior Composite Materials Courses in Manufacturing with Geometric Modeling Accent Fur Eng C218/Electrical Eng C245 - Introduction to MEMS Design Fur 245Eng C219/Electric Eng C246 - Parametric and Optimal Design MEMS Mech Eng 281 - Methods of tensor and differential geometry Comp Sci 184 - Basics of computer graphics Sci Comp 284 - Computer geometric design and modeling Comp Sci 285 - Solid Free Form Of Modeling and Manufacturing Comp Sci 289 - Introduction to Machine Learning Courses in Manufacturing with Other Emphases Fur Eng 219 - Introduction to Microelectromechanical Systems Mech Eng 251 - Mech Eng 290G Thermal Conduction - Laser Processing and Diagnostics Eng 290G - International Trade and Competition in High Technology If Materials Are a Major Part of Your PhD Study, PhD A maximum of two (2) 100 level courses can be used for the basic requirements of the area. Other courses not listed may be selected with the approval of the chief field adviser and the Vice-Chairman of the Study. You must prepare a written justification for your choice. If Materials are a minor of your PhD studies, you should take on 2 courses from the Core Materials List. cannot recalculate courses on both basic and minor requirements. Main Materials Courses Mech Eng 292H - Extended Special Topics Mech Eng 224 Mech Eng C225/Mat Sci C212 Mech Eng 226 Mech Eng 227 Highly Recommended Mech Eng 127 Materials Courses - Composite Materials Analysis, Design, Production Mech Eng C223/Bio Eng C223 - Polymer engineering courses in materials you are invited to take Fur Eng C117/Bio Eng 117 - Structural aspects of biomaterials Fur Eng C176/Bio Eng 176 - Orthopedic biomechanics Mech Eng 185 - Introduction to The Continuum Mechanics Fur Eng C214/Bio Eng C214 - Advanced Tissue Mechanics Mech Eng 221 - High-Tech Product Design and Fast Production Mech Eng 222 - Advanced Manufacturing Processes If Solid Mechanics Is a Major Part of Your PhD Research, You have to take all the basic courses. The rest of the courses for your major should usually be selected from the recommended course below. If Solid Mechanics represents a minor in your PhD study, you should take ME 185, plus ME 280A or ME 282. If Continuum Mechanics is the bulk of your PhD student, you should take all the basic courses. The remaining courses for your major should be selected from the list of recommended courses. If Continuum Mechanics is a minor in your PhD study, you must take at least Mech Eng 185 and Mech Eng 260A. Selection of other courses not listed may be done with the approval of the chief field adviser and vice chairman of the study. You must prepare a written justification for your choice. Basic Solid Mechanics Course Mech Eng 292I - Extended Special Themes Mech Eng 185 - Introduction to the Continuum Mechanics Mech Eng 280A - Introduction to the End Element Method Mech Eng 282 - Theory of Elasticity Recommended Courses in Solid Mechanics Mech Eng C279 / Civ Eng C235 - Statistical Mechanics Mech Eng 280B elasticity - The ultimate methods of element in nonlinear continua Mech Eng 281 - Methods of tech Eng and differential geometry Mech Eng 283 - Wave spread in elastic media Fur Eng 284 - Nonlinear Theory of Moderation Mech Eng 285A - Basics of Theory Continuous Media Fur Eng 285B - Surfaces of rupture and heterogeneity in deformable continuum Fur Eng 285C - Electrodynamics continuous media Fur Eng 285D - Engineering Reology Fur Eng286 - Theory of Plasticity Mech Eng 287 - Multi-scale modeling and design of new materials MeEngch 288 Theory of elastic stability Mech Eng 289 - Shell Theory Mech Eng 290B (not taught in 5 years) Main courses in Continuum Mechanics Fur Eng 292I - Advanced Special Themes Mech Eng 185 - Introduction to Continuum Mechanics Mech Eng 260A - Advanced Mechanics Liquid I Fur Eng 260B - Advanced Fluid Mechanics II Fur Eng - Elasticity theory Courses in Continuum Mechanics Fur Eng 260D - Advanced Fluid Mechanics IV Fur Eng 262 - Theory of Liquid Sheets and Liquid Jets Mech Eng 263 - Turbulence Fur Eng 266 - Dynamics and Stability of Engineering and Geophysical Flows with Rotation, Convection, or Waves Mech Eng C268 / Chem Eng C268 - Physical Hydrodynamics Mech Eng 280A - Introduction to the Method of the End Element Mech Eng 281 - Methods of tensor and differential geometry Mech Eng 283 - Wave Spread in Elastic Media Me Eng 284 - Non-linear Theory of Elasticity Mech Eng 285B - Basics of Continuous Media Theory Fur Eng 285C - Electrodynamics of Continuous Media Fur Eng 287 - Multi-scale modeling and design of new materials If MEMS is the main of your PhDs in research, you must take at least 5 courses from the lists shown below. Of these, at least 1 course should be from the MEMS Core list. You should consult with your chief field counselor if you plan to include any of the courses listed in the focus areas as part of non-MEMS minor, which has a general course with an area accent (e.g. an emphasis in Mechatronics and a minor in design or control). If MEMS is a minor from your PhD study, you should take at least 2 courses from the lists shown below. Of these, 1 course should be from the main MEMS list. If Nanoscale Science and Technology are the main of your graduate students, you should take 2 of the main courses in the main course and two optional courses selected from two possible areas and a weekly Nanoscale Science and Technology Interdisciplinary Workshop. If Nanoscale Science and Technology is minor in your PhD study, you should take the main course and one course from the lists shown below. You cannot recalculate the courses on both basic and minor requirements. Other courses not listed may be selected with the approval of the chief field adviser and the Vice-Chairman of the Study. You must prepare a written justification for your choice. Main courses in MEMS Mech Eng 292J - Extended special themes Mech Eng 118 - Introduction to nanotechnology and nanoscience Mech Eng 119 - Introduction to MEMS (Microelectromechanical Systems) Fur Eng C218/Electric Eng C245 - Introduction to MEMS Design (student can't get credit for both ME C218/EE C245 and EE 247A/B) Fur Eng C219/Electrical Eng C246 - Parametric and Optimal Design MEMS Mech Eng 290 - Bio-Nano Fur Eng 290G - Laser Processing and Diagnostics Fur Eng 290T - Plasma Materials Fur Eng 290U - Interactive Device Design EI Eng 247A - Introduction to Microelectechanical Systems EI Eng 247B - Introduction to MEMS Design Courses in MEMS with Integrated Circuits Accent Electric Eng 230A Eng 143 Electric Eng 243 Courses in MEMS with Mechatronics Accent Mech Eng Eng - Design Planar Machinery Mech Eng C134 / Electric Eng C128 - Mech Eng 224 Feedback Control Systems - Mechanical Behavior of Engineering Materials Mech Eng C225/Mat Sci C212 - Deformation and Fracture of Engineering Materials Mech Eng 228 - Computer Aid, Optimal Mechanical Design Mech Eng 229 - Design of major electromechanical devices Mech Eng 230 - applications in real time mini and micro Computers Mech Eng C232 / EI Eng C220A - Advanced Control Systems I Mech 2 32 / EI Eng C220A - Advanced Control Systems I MechEng 233 - Advanced Control Systems II Fur Eng 290U - Interactive Device Design Courses in MEMS with General Mechanical Engineering Accent Fur Eng 175 - Intermediate Dynamics Mech Eng 185 - Introduction to the continuum of mechanics mech Eng 226 - Tribology Mech Eng 248 - Transmission of heat with phase change Mech Eng 259 - Micro-scale thermophysics and heat Mech Eng 260A/B - Advanced Fluid Mechanics I / Advanced Fluid Mechanics II Mech Eng 275 - Advanced Dynamics Mech Eng 280A - Introduction to End Element Method Courses in MEMS with Bioengineering Accent Fur Eng C217 - Biometric Engineering / Engineering from Biology Mech Eng 290L - Introduction to Nano-Biology Bio Eng 121 - Introduction to Micro and Nanobiotechnology: BioMEMS Bio Eng 151 - Micro / Nanofluids for Bioengineering and Laboratory-on-A-Chip Courses in MEMS with Nano Accent Fur Eng 290T - Plasma Materials Physics 141A/B - Solid Body Physics Physics 250 - Special Topics in Physics Courses in MEMS with nanoscale Synthesis and Accent Processing Mech Eng 119 - Introduction to MEMS (Microelectromechanical Systems) Fur Eng 290R - Topics in Chemistry Production 253A/B - Materials Chemistry I / Materials Chemistry II Electric Eng 143 - Microfabrication Technology Electric Eng 219C - Computer Check Electric Eng 290B - Advanced Themes in Solid State Device Mat Sci 224 - Magnetism and Magnetic Materials Mat Sci 227 (not taught at 227 5 years or pulled out of the catalog) Mat Sci 260 - Surface Properties Materials Courses in MEMS with Nanoscale Characteristics Accent Mat Sci 204 - Theory of Electron Microscopy and X-ray diffraction Mat Sci 242 (not taught in 5 years or pulled out of the catalog) Applied sci and Tech C295R/Chemical Engineering C295R - Applied spectroscopy courses in MEMS with nanoscale Simulation Accent Fur Eng 224 - Mechanical Behavior Engineering Materials Fur Eng 254 - Thermodynamics I Fur Eng 259 - Microscale Thermophysics and Heat Transfer Physics 240A/B - quantum Chem C191/Physics C191/Comp Sci C191 - Civ Eng C237/Nano Sci C237 - Computer Nanomechanics If Ocean Engineering is the bulk of your postgraduate research, you must complete at least 5,200-series courses in the main and recommended lists, that should be 240A, ME 240B and два два ME 241A, ME 241B, ME 245. The student background is equivalent to at least two courses of ME 164, 165 and 168 assumed. Other courses not listed may be selected with the approval of the chief field adviser and the Vice-Chairman of the Study. You must prepare a written justification for your choice. If Ocean Engineering is a small part of your postgraduate study, you must take at least 2 courses on the main list, which should include ME 240A, ME 240B or ME 241A or ME 241B. Main Courses in Ocean Engineering Mech Eng 292K - Extended Special Themes Mech Eng 164 - Marine Static and Structures Mech Eng 165 - Ocean-Wednesday Mechanics Mech Eng 168 - Mechanics of Offshore Systems Mech Eng 240A/B - Advanced Marine Structures I / Advanced Marine Structures II Mech Eng 241 A/B - Marine Hydrodynamics I / Marine Hydrodynamics II Fur Eng 243 - Advanced Methods in Free Surface Streams Mech Eng 245 - Oceanic and Atmospheric Waves Mech Eng 263 - Turbulence Fur Eng 274 - Accidental Fluctuations of Mechanical Systems Courses in Ocean Engineering with Design and Optimization Accent Mech Eng 228 - Computer Aid, Optimal Mechanical Design Mech Eng 229 - Design of Basic Electromechanical Devices Mathematics 170 - Mathematical Methods of Optimization IECOR 162 - Linear Programming IECOR 262A - Mathematical Programming IECOR 262B - Mathematical Programming II IECOR 2OR26 Computational Optimization Courses in Ocean Engineering with Mech Eng 280A Dynamics and Structures - Introduction to the Mech Eng 274 End Element Method - Accidental Fluctuations of Mechanical Systems Mech Eng 277 - Fluctuations in Nonlinear Systems Civ Eng 193 - Engineering Civ Eng 220 Risk Analysis - Theory of Structural Analysis and Application Civ Eng 225 - Structure Dynamics Civ Eng 226 - Stochastic Structural Dynamics Courses in Ocean Engineering with Mathematics and Statistics Accent Mathematics 220 - Introduction to Probability Techniques in Mathematics and Mathematics Sciences 220 224A/B - Mathematical Methods for Physical Sciences Mathematics 228A/B - Numerical Solution of Differential Equations Eng 230 - Applied Mathematics Techniques Eng 231 - Mathematical Methods in Engineering Eng C233/Sci C267 - Application Parallel Computers Stat 200A/B - Introduction to probability and statistics at an advanced level of courses in ocean engineering with materials and manufacture Accent Mech Eng C217 / Int Bio C217 / Bio Eng C217 - Biomimetical Engineering - Engineering from Biology Mec Eng C218 / Electric Eng C245 - Introduction to MEMS Design Fur Eng 220 - Precision Production Fur Eng 222 - Advanced Manufacturing Processes Mech Eng C225/Mat Sci C212 - Warp and Fault Engineering Materials Mech Eng 227 - Behavior behavior Materials Courses in Ocean Engineering with Robotics and Control Accent Mech Eng C134 / Electric Eng C128 - Mech Eng C219 Feedback Systems / Electric Eng C246 - Parametric and Optimal Design MEMS Mech Eng 229 - Design of major electromechanical devices Mech Eng 230 - real-time applications of mini and micro computers Mech Eng C231A - Experimental Advanced Control Design I Mech Eng C232 / EI Eng C220A - Advanced Control Systems I Mech Eng 234 - Multivariate Design Management System Mech Eng C236 - Management and Optimization Distributed Mech Eng 237 Systems Options - Management of mech Eng 239 Nonlinear Dynamic Systems - Advanced Design and Automation This graph lists the perfect time in your career in which you will reach important milestones. This is based on our 5-year regulatory time MS/PhD. Year 1 Preparation to become a California resident, if you haven't (Internal students and permanent residents only) By the end of the first semester: find your research consultant Preparing for Pre-exams (Prelims) Start the second semester: Take Prelims if you entered with a master's degree second semester: Meet The MS Research Project Year 2 First semester: Must officially be a CA resident (Internal Students and Permanent Residents Only) First Semester: Take Prelims If You Entered With a Bachelor's Degree First Semester: Promotion to The Candidates for Master's Degree Second Semester: Must Start PhD Research Project End of first semester: File Masters Report Year 3 First Semester: Preparing for Qualifying Exams (Kvals) First semester: Take the Kvals Advanced Nomination no later than the semester ends after the end of the year should be done with coursework Of the Year 4 Research Work Consider Conference Document Submissions and Presentations Second Semester: Advancing to a PhD Year 5 Hold PhD Workshop Consider Conference Document Submissions and Presentations Full and File PhD Thesis Goal of the Pre-Exam is an early assessment of a student's potential for a satisfactory completion of a doctorate. Exams are completely closed - no books or notes are allowed. All students enrolled in our doctoral programs are required to pass the exam. Students who have entered with the declared goal of an MS degree and who want to add a Doctor Me degree must pass the exam as well. The exam is held twice a year during the first week of the spring and autumn semesters, and must be taken after two semesters of enrollment as a graduate student no more. Tests cannot be taken before joining the program. The college's rules state that a student studying for a doctorate must support a GPA of 3.5 or better in area of at least 3.0 in minor areas, and 3.5 overall. At the same time in students are only allowed to pre-examination with a minimum of 3.3 GPA, and 3.5 on average in the main area based on work done at Berkeley. Before taking the preliminary exam, all courses in the main areas, with the exception of ME 299, must be accepted to evaluate the letter. No more than one-third of the total amount of work can of course be taken by S/U. There are eight (8) exam areas and only two (2) possible exam results: Pass and fail to pass. The student must pass in the proposed doctoral field area. Students who plan to change their main field area should take and pass the new major field area as well. Students can review their decisions along with a typical recommendation to address problems with the area counselor after receiving the exam results. A preliminary examination committee will be prepared about a week after the last exam. This gives the committee ample time to collect results and meet to discuss each student's individual circumstances. The results will be posted on the College of Engineering Graduate Information Web application and then individual email. The exam results will be one of the following: Pass: Continue in the doctoral program (to change the purpose of the degree of candidates admission to the doctoral program). These results are then preparing for the PhD Oral qualifying exam. Fails: The Examination Commission decides whether to retake the exam a second time. Fail: If a student fails the exam in two (2) sessions, they will not be able to pre-exams. In these cases, the student may: Change his degree goal from PhD (or MS/PhD) to MS-only MS and leave with a ms degree at the end of the third semester after completing applicable requirements. The application of the preliminary examination committee for an additional meeting with the third attempt to pass the exams. In this case, the student must write a request to the chairman of the preliminary examination for consideration in the committee. Once the committee has met and made a decision on request, the student will be notified of the result. If the petition is not approved during the regulatory time allowed for an MS degree, students must request a change in their degree goal through CalCentral eForm and leave graduate school with an MS degree. If a student has already earned a master's degree from another university, he will be asked to leave the program without a diploma by the end of the same semester. Preliminary results of the examination are valid for five (5) years from the time of their examination. This is very important if you leave the program and your tests expire in your absence. If this happens, you will need to retake the exam before the first semester begins. Please watch the latest information. Full information can be found on Filing Fee is a reduced fee (half from the university registration fee) for doctoral students who have completed all degree requirements except filing a thesis (Plans A and B) and submitting a final defense (Plan A). It is also available for undergraduate students with no remaining requirements, except for filing a dissertation (Plan I) or completing a final report and presentation (Plan II). The application fee is not a form of registration and is not equivalent to registration. If students wish to use university services, which are supported by registration fees, they must pay these fees. The application fee is only available for the autumn and spring semesters. Requirements for applying for the use of application fees in the fall semester, the student must be registered in the previous spring or summer and must be nominated in the degree of nomination. Registration for summer sessions should be at least three units. To use the spring filing fee, the student must be registered last fall. The application fee status is not available for summer sessions. However, students can submit a dissertation or dissertation during the summer sessions. Please note that a letter of support from the principal higher education consultant must accompany all applications for filing fees. Restrictions on The Status Of filing fee can only be used once during a student's career. If the student does not complete the final degree requirement (filing a dissertation or dissertation, or passing the final comprehensive exam) during the semester for which the claims are approved, the student must be refunded and pay regular registration fees during the semester in which the requirements are completed. Readmission procedures can be found in section 8.3. Filing Fee status and academic student appointments To students with academic appointments for which registration is required are not eligible for filing fee status. To hold a meeting, students must be properly enrolled and enrolled in at least 15 units if not progressed to a doctoral candidate. Applying fee status and international students to avoid visa problems with U.S. Immigration and Customs Enforcement, international students must contact Berkeley International Office well before the start of the semester during which they plan to use filing fees. The application fee status may satisfy the SEVIS requirement for international students only if the student has received the signature of a bio student consultant (contact the Berkeley International Bureau (BIO)). For students on filing a fee U.S. resident students can purchase Student Health Insurance Plan (SHIP) coverage for the semester they are on approved fee status if they have not already purchased SHIP during the withdrawal period after one semester. UHS allows you to purchase SHIP if the student is in non-registered status only for two semesters, which applies to both filing fees and withdrawals. For information and registration information, visit the UHS website. Generalization of key filing issues can be used once for MS and once for graduate students must be nominated for either an MS or PhD degree before eligible students cannot take classes Students lose all UC Berkeley Building Access Students must pay for GSHIP, RSF, and Library Card if they wish to use these resources Students cannot hold GSR or GSI appointments Students are not eligible for awards from departmental limited funds to have any funding to universities. University foundations are any foundations that are managed by the university, such as contracts and grants, gifts and donations, state and federal funds. The foundations of the Lawrence Berkeley National Laboratory (LBNL) are not classified as university funds. While on filing fee, students may not take a pre-exam or qualifying exam Students can complete while filing a fee costs for half of the university registration fee to apply for a filing fee by the deadline. Complete and submit to eForm Special Enrollment Petition available at CalCentral as part of Student Resources. Print a copy of the form for your personal file. Once submitted, eForm will be sent to student service staff for approval. If the application fee is approved, you will be charged half of the university registration fee through CARS. You will be able to see your status on Bear Facts. The degree cannot be awarded until the filing fee is paid. To apply for re-enrollment after filing a status fee or short leave, the student must submit a readmission application and application for legal residency (SLR) for the vice-chairman of graduate approval and pay the application fee. Current fees are listed in the questionnaire. Students must submit all necessary forms to the Me Student Services Authority no later than April 15 for the fall semester and October 15 for the spring semester. Important: Students who request re-enrollment in the same degree program after a short period of leave must provide a letter of support from their research counselor in addition to the two forms listed above. If the former research consultant no longer works, he must find it before applying. It is important for students to note that our department is not required to readmit a student who has withdrawn for any reason. Readmission is recommended by decision which assesses the strength of a student's academic performance when weighing their approval. While a student may After satisfactory academic progress, the Department of Mechanical Engineering can weigh applications for re-enrollment and readmission against a pool of new applicants for admission, which may be stronger candidates. For educational purposes, U.S. citizens or permanent residents who are not California residents may be able to establish a California residency to be effective for one year. Please note that international students cannot become residents unless they become permanent residents of U.S. residents. Citizens. To become a California resident for tuition purposes you must show that you have lived in California and have established the intention to make California your permanent home for more than one (1) year before the first day of classes in the semester for which you are looking for resident status. You should start documenting your presence in the state as soon as you arrive. Rest assured: Get a California driver's license or ID (if you've never had a state driver's license) within ten (10) days after settling in California. You must have a valid California operator license for driving a car, motorcycle or moped in the state. You can obtain a license at any of the local Department of Motor Vehicles (DMV) offices in nearby Auckland (5300 Claremont Ave.), (800)-777-0133, El Cerrito (6400 Manilla Ave., (510) 235-9171). If you have a driver's license from another state, you will have to pass a written test of California vehicle law, pass an exam and provide a certified copy of your birth certificate. If you don't have valid licenses from another state or if you plan to drive a motorcycle, showing the opening and closing of your accounts. Register to vote and vote in California's election. Voter registration forms can be obtained from the Voter Registration Division and at the Sprout Plaza voter registration desks or at any fire station, public library or DMV office. Form postal toll - just fill it out and mail. You must obtain confirmation from the district registrar within four weeks of filing the application. If you have not received confirmation of your voter registration, you should contact your county voter registrar immediately. Use your California address as Address. Do not list your parents or any other out-of-state address as a permanent address on any form of university or other legal documents. Stay in California when the school is not in session. Some travel allocated for purposes fieldwork or scholarships may not necessarily jeopardize the classification of residents if absence is part of the regular requirement for your degree program or scholarship. Contact the Residence Division for more information about any absences outside California. Financial independence is another factor considered when determining your right to be classified as a California resident for educational purposes. For the autumn classification, you are supposed by law to be financially independent if you are at least 24 years old before December 31. If you are not 24 years old by that date, then you must show that you have not claimed as an income tax deduction by your parents or any other person for the next tax year. Financial independence is not a factor in determining residency for graduate students who work as graduate instructors or graduate researchers for at least 49% of the time or receive the equivalent in university-managed funds for the duration during which the classification is obtained. Your physical presence in California should be demonstrated during non-academic periods. You must store all outdated materials that prove your presence in the state, including airfare; Salaries stubs from work; Credit card receipts bank and credit card statements showing the activity of ATMs, credit cards and debit cards. Students with joint accounts should consult with the Residence Division. Credit card receipts do not have to be signatures. The above elements are the main indicators of physical presence and will be strongly weighted when determining your status. Items such as copies of leases, rent checks or utilities, etc., are much lower indicators of physical presence and are not acceptable alone. Your intention will be questioned if you have been absent from California for more than 21 days during the period in which you establish resident status for training purposes. Graduate students who plan to travel outside California for more than this date of publication and the relevant date of residence determination. For more information about the residence, please click here. Numerous programs provide ways you can reduce your postgraduate costs. Scholarships Graduate instructors, research assistants, readers, and even subsidized housing and child care can each help a lot. Some programs are merit-based and run through the Higher Division Scholarship Bureau. Others need to The Aid Office. Academic departments also manage additional sources of funding. Using these and other resources, you can plan a financial support program. If you do not live in California, you will need to know the current requirements for establishing a legal residence permit. While all students for her state must have three years of financial independence in California before being eligible for reclassification for lower registration fees. In most cases, graduate students can apply for legal residence in the second year of postgraduate studies, thereby significantly reducing their fees. Foreign students and students who are not U.S. citizens or permanent residents cannot establish a California residence and must expect to pay tuition to non-residents each semester of their graduate school. PhDs will be eligible for waivers from the NRT for up to three (3) years after progress to the nomination. GSIs are assigned to a variety of courses based on class enrolment. Appointments that are made at 25%-50% of the time (10-20 hours per week) will pay the university's registration fee, educational fee and health insurance fee, and provide a monthly stipend. GSIs are responsible for various aspects of the course learning. GSIs spend regular hours working and can also be offered proctor exams, make decision-making kits and score homework. Large classes of readers that help GSI with the classification of homework. GSIs believe that being a teaching assistant is an excellent preparation for a qualifying exam, as both situations require good English skills and think accurately and spontaneously. GSIs are paid automatically each month after their appointment has been submitted to the recruitment unit. For more information about applying for the GSI position, please see the GSI/Reader Information section. 10.2.2 The appointment of readers appointed to the reader's post is used to provide various services as assistant courses, which usually include assessments of student work and exams. When

appointed by the department, responsibilities may also include lectures, working hours, consultations with the teacher and other responsibilities related to the course. Readers cannot serve as teachers. Readers are paid at an hourly rate and must turn into time cards each month to be paid. Card time is usually due in the Financial Services Office, 6195 Etcheverry Hall on the 25th of each month to get you a salary on time on the 15th of the following month. For more information about applying for a reader's post, please see the GSI/Reader Information section. 10.2.3 GSI/Reader Appointment Hiring documents for those who have received official GSI/Reader positions offers from Vice Chairman Instructions can be found in the GSI/Reader Form section. The researcher (GSR) is often referred to as a researcher in other other GSRs are supported by a teacher or authorized principal researcher, to perform research work that fulfills part of their degree requirement for MS and PhD degrees. GSR responsibilities vary depending on who your research consultant or principal investigator is and the chosen field of research. Some research consultants will give complete instructions with lots of details about what they want. Others may give a general instruction to work on this without any other instructions if you ask. In some cases, students may spend their first year developing presentations from coursework or from non-fiction, and will start practical work only after they have gained considerable experience. In pilot work, the NHS may become more involved in research projects more quickly. During the assignment period the student must: Have a GPA of at least 3.0 - Have no more than 2 incomplete in top division or graduate level courses - Do not be on probation or in expired nomination status unless granted an exception - Be registered and enrolled in a minimum of 15 units (except summer) Most GSRs are paid out of teacher grants. If the appointment meets certain criteria, part, or all, the student fees will be paid. This allowance is called a fee remission. In addition, GSRs with appointments that are at least 45 percent of the time may be eligible to cover their non-resident training through remission training. In order to receive a remission fee, a semester appointment must be at least 25 percent or more of the time for the entire semester. For your convenience, details of collecting remission are available in print format: Download/Print GSRs earn a pay raise when they have passed pre-exams and when they pre-doctoral nominations. Normal salary steps for students in our department are as follows: Entering Students: Step IV - Students who have passed the preliminary exam: Step V - Student who passed the qualifying exam: Step VI Current GSR pay scale can be found here. If you are GSR in the Department of Mechanical Engineering most forms of employment are processed through an organized research group (ORU) in which the principal investigator (PI) funds are conducted. They are usually paid out of external funding, such as research grants. Your hiring faculty will refer you to the recruitment unit, where you will fill out these forms of hiring. The most common ORUs are: Campus General Services Team 2 (formerly called ERSO), 199M Corey and Electronics Research Laboratory (ERL), 253 Corey and the Institute of Transportation Research (ITS), 108B McLaughlin Hall For more information on appointments please visit the following page: If your GSR is sponsored by the Engineering Department, you will be by ERSO (Campus General Services, Team 2). The letter of the ERSO proposal will include instructions and forms to complete. If you request an exception for one of the following reasons, please complete our request for an exception form. Your GPA falls below the minimum for his/her destination type you, like GSI/Reader/Tutor, will help in graduate school (200, 300, 600) Your GSI appointment exceeds 10 semesters This appointment will result in you working over 75% and you are a domestic student (foreign students cannot work more than 50%) You have more than 2 incomplete in the top flight or graduate school If your GSR is sponsored by the engineering department, you will be hired by ERSO (Campus Shared Services, Team 2). The letter of the ERSO proposal will include instructions and forms to complete. If you request an exception for one of the following reasons, please complete our request for an exception form. Your GPA falls below the minimum for his/her destination type you, like GSI/Reader/Tutor, will help in graduate school (200, 300, 600) Your GSI appointment exceeds 10 semesters This appointment will result in you working over 75% and you are a domestic student (foreign students cannot work more than 50%) You have more than 2 incomplete in the top flight or graduate school If your GSR is sponsored by the engineering department, you will be hired by ERSO (Campus Shared Services, Team 2). The letter of the ERSO proposal will include instructions and forms to complete. If you request an exception for one of the following reasons, please complete our request for an exception form. Your GPA falls below the minimum for his/her destination type you, like GSI/Reader/Tutor, will help in graduate school (200, 300, 600) Your GSI appointment exceeds 10 semesters This appointment will result in you working over 75% and you are a domestic student (foreign students cannot work more than 50%) You have more than 2 incompletes in the top division or graduate school The purpose of this procedure is to allow graduate students at the Department of Mechanical Engineering the opportunity to resolve conflicts, complaints or issues relating to dismissal from graduate school, placement on probation, denial of re-admission, and other administrative or academic decisions that terminate or otherwise impede progress towards academic or professional degree goals. The scope of this procedure is limited to the above-mentioned issues and excludes complaints concerning denial of admission, student records, assessments at courses, student employment, student discipline and student support services such as housing, childcare, etc. This procedure cannot be used to complain about actions based solely on teachers' assessment of a student's academic qualifications or assessment progress in studies, unless the complaint alleges that these actions may have been influenced by non-000 criteria. The student may seek an informal resolution of the complaint by planning a meeting with the Vice-President of Higher Education to discuss the matter and explore possible solutions. If an informal resolution is adopted, it must be initiated and completed within 30 working days during the school year. At any point in the process, if a satisfactory solution cannot be reached, the student can initiate a formal resolution by placing a complaint in writing. A written complaint should contain information about the claims and the date of the appeal, the grounds on which the appeal is based and the assistance requested. This complaint should be based on one or more of the following grounds: procedural error or violation of official policy by academic or administrative staff; Decisions are wrongly based on non-Educational criteria, including, but not limited to, discrimination or harassment on the basis of race, color, national origin, religion, gender, disability, age, health status (cancer-related), pedigree, marital status, citizenship, sexual orientation or status as a Vietnam-era veteran or disabled veteran; Special mitigating circumstances beyond the student's control are not properly taken into account when making a decision affecting the student's academic performance. A written complaint must be received by the Vice-President of the Higher School within thirty (30) days from the time when the student knew or could reasonably expect to have known about the action that is the subject of the complaint. The Department must complete its investigation and notify the student of the outcome of the complaint within sixty (60) working days from the date of the received. The deadline for filing a written complaint may be extended by the department if the student has participated in the ongoing efforts for informal resolution, and an informal permitting process has been initiated within thirty (30) working days from the time the student knew or reasonably expected to have known about the action that is the subject of the complaint. All time frames mentioned in the procedure relate to calendar days. Summer and inter-semester breaks are not included in this time frame. After receiving a written complaint, the Vice-President of Higher Education will appoint a person to investigate the complaint and make a recommendation to the Vice-Chairman of Higher Education regarding the outcome of the complaint. Typically, the investigation will include an interview with the applicant, consideration of any relevant written material and an attempt to obtain information from available witnesses (e.g. interviews or written statements or documents). Principal graduate adviser will notify the student in writing about the results жалобы. A complaint, in accordance with the procedure, meets the requirements of the unit-level settlement process in accordance with the graduate appeals procedure. If the student is not satisfied with the outcome of the complaint in accordance with the department's procedure, he or she may file a complaint with the formal appeals procedure. A formal appeal must be received from the Office of the Dean of the Higher Division, 424 Sproul Hall within fifteen (15) days from the date of the written notification of the results of the unit level procedure. Copies of appeals procedures for graduates can be obtained from the Dean's Office of the Higher Division. If the complaint relates to actions taken by the Vice-President of the Higher School, the complainant may decide to consider the complaint directly to the Head of the Department. If the student is still dissatisfied with the outcome, the student may take the complaint to the official state appeals procedure. Such a complaint must be received by the Office of the Dean of the Higher Division. If the complaint relates to allegations of discrimination or harassment on the basis of sex, race, national origin, colour, age, religion, sexual orientation or disability, the department should consult with the relevant campus law enforcement officers prior to informal or formal permit procedures. The names, phone numbers and campus addresses of these individuals are listed in various campus publications and can be obtained from the Dean's Office of the Higher Division at (510) 642-5472 or the Academic Compliance Office by calling (510) 642-2795. M.S., M.Eng and 5th year B.S./M.S. students are currently enrolled in ME and graduate school. The program in the Department of Mechanical Engineering is required to submit the following materials to Yavo Akpawu in the Department of Student Services on the first Monday of March (in the fall) and the first Monday of November (in spring): a revised statement of purpose Official Transcript of the Letter of Support from their Faculty of Research Funding Verification Form to take the GRE test (this specific requirement applies only to the 5th year of B.S./M.S. students who do not accept GRE during their online admission). All applicants will be considered at the same time as the usual pool of applicants, using the same criteria and standards of the same faculty. This policy is to ensure a transparent, thorough and fair application process, regardless of the applicant's current or past registration at Berkeley. Final decisions on the application will be sent to the student before the end of the current semester. Students who are asked to change their degree goal should strive to complete their M.S. by the end of their master's degree regulatory time. The deadline can be found here. Please, Please that most forms related to these deadlines must be provided to the MeU Student Services Division in advance for processing and submission to the Higher Education Division. The terms of the Higher Division scholarships can be found here. Copy Services Students can use a copier on the 6th floor to support the course or research purposes (it is not available for personal use). Your teacher must submit a memo to the financial assistant at 6195 Etcheverry requesting an account number. This account number is only valid for the current semester. Please remember that students are last in line in terms of priority for using the machine - after teachers, staff and invited scientists. Student Store Security Orientation Before you can work in the machine shop, it is necessary for you to attend the orientation. This orientation is to introduce you to different types of equipment in the machine shop. These orientations are given as group training once or twice per semester by appointment. Contact the Security Coordinator at 1168 Etcheverry to make an appointment. You should also take a store safety class from the Environmental and Safety Office (EH-S) before working out any research in any of the engineering labs. These safety classes are usually given during the first 3 weeks of autumn and spring semesters. The campus offers many different resources for graduate students with disabilities. The purpose of academic placement is to offer a graduate student an equal opportunity to meet the academic standards and requirements of the department. The Student Program for the Disabled (510-642-0518) serves graduate students with disabilities (who complete the eligibility process) by allowing academic facilities. Disabled access services (510-643-6473 or 510-643-6456) can generally assist with extracurricular accommodation. The Campus Access Guide is the office where most physical access issues are addressed. A disability resolution officer (510-642-2795) will assist with accommodation problems reported on campus. Photo Identification All students must have their photo taken for your student ID. The Cal Photo ID is the official identification of the student. It is important that you get the card as soon as possible. Your ID card will be created on the spot using a computerized photo identification system. To obtain the card, you must bring a TeleBears letter or letter of reception, student identification number and a valid photo ID (driver's license, state ID or passport). We recommend you reading material, as the strings can sometimes be quite long. Your Cal ID card will last for years. Lost or damaged cards can be replaced at the Cal Photo ID Office. Please note that there may be a charge for a replacement. Cal Photo ID is located at 180 180 Chavez Center in Lower Sproul Plaza. The office is open Monday to Friday from 9 a.m. to 5 p.m. For more information, please check the website: . Your Cal Photo ID library serves as your library card in both The Dow and Moffitt libraries and in specialized libraries. It also allows the use of the library of any other campus in the UC system, as well as interlibrary borrowing (. You are eligible for free borrowing privileges from the libraries of Stanford University and the University of Texas at Austin as part of the Research Library (RLCP) collaboration program. For more information, visit the A-level library office, Gardner Stacks. When you arrive on campus, a good way to get to know the library's vast resources is to enroll in drop-in-the-web studies, internet and other seminars (including an online directory and article targeting database) or a faculty workshop offered by the Library of Learning, (510) 643-9959. For more information about seminars, please . If you are a graduate instructor, you can arrange a library resource session for your class by calling the Teaching Library. If a library of subject matter serves your discipline, call this library for specific information about the tour. A list of specialty libraries is available on the library's website . Kresge Library (i.e. Engineering Library) Services and the Kresge Library of Engineering Collection support the research and training programs of the College of Engineering. They are located at 110 Bechtel Engineering Center. The collection includes more than a quarter of a million volumes in all areas of engineering except chemical engineering. The library gathers at the research level for our main priorities: bioengineering, civil engineering, computer science, electrical engineering, environmental engineering, industrial engineering, materials science and engineering, engineering, marine engineering, operational research and nuclear engineering. The Engineering Library subscribes to more than 1,200 print and 2,400 electronic magazines. The library provides access to all major databases of engineering articles, as well as a significant number of online reference materials and monographs. The library also contains a large collection of technical reports on federally funded research, including reports from NASA, DOE and EPA. For more information, services and learn how to use the library, please visit their website . Sport and physical You'll find almost everything you need to stay in shape at campus recreational sports facilities (RSF): pool, racket/handball courts, weight weight cardiovascular cars, basketball, volleyball and badminton courts, fitness classes and more. If you have Cal Photo ID you can use the RSF charge fee. CalAerobics, CalFIT classes and one-on-one personal learning are available at special student rates. Spouses of graduate students of the University of California at Berkeley can buy a pass to the RSF at a special rate. For more information, call (510) 7642-7796 or visit . Campus Safety Services Campus provides a number of security services for students and staff on campus such as BearWALK, Owl Service and WarnME. For more information and guidelines, please visit uc police's security website. Office of Housing and Transportation For information on student housing options, please visit the website of the University of California at Berkeley Residential and Student Services. Parking and transportation for students near the campus is strictly limited, and on-street parking in the surrounding area is limited to 2 (two) hours for non-residents of the area. The best plan is to walk, cycle or use public transport. Bicycle racks outside most buildings make cycling to campus a convenient and inexpensive transport solution. Be sure to always lock your bike securely and register it with the UC Berkeley Police Department.For more information, please see the Class Pass funded for \$69.50 portion of each student's registration fees each semester, an incredible \$1,200 cost given to students to ride for free on AC Transit (including the Transbay Lines in San Francisco and the U-Line from Fremont BART to Stanford) and Beartransit. For more information, please . The Center for Student Behavior and Community Standards, the Center for Student Behavior and Community Standards, has an educational purpose in helping our community discuss and keep each other accountable for living up to the standards set out in the Student Code of Conduct. We turn to behaviour through a settlement process that reflects the rights and responsibilities of all parties involved. The Student Code of Conduct can be found here. A catalog of courses for uc Berkeley course lists and department information for each department on campus. The catalog engineering section can be found at . Course Registration Degree Degree Office Officers monitor the progress of students from enrollment to graduation. A lot of useful information can be found on the websites of the Office of Degrees, including answers to frequently asked policies, procedures, and almost all the forms and applications you may need. After consulting with the staff in your department, you can make an appointment or schedule a meeting at the Degrees Office to discuss specific academic or personal issues such as readmission, readmission, exam, promotion to the nomination, filing fee, probationary period, and eligibility for the normative time of the dean's scholarships. This office serves master's thesis and doctoral dissertations. Degree Program in ME This page offers brief descriptions of our degree suggestions. For more information about these degrees, please use this guide. The Disabled Students Program (DSP) aims to ensure that all students with disabilities have equal access to educational opportunities at the University of California, Berkeley. We offer a wide range of services for students with disabilities. These services are tailor-made and based on the specific needs of each student, as defined by our disability specialists. The Student Affairs Division Mission for Students includes three strategic priorities: Access: Maintaining Access and Accessibility; provide opportunities for equality and excellence; Service: Improving and maintaining advanced student services, making them more applicable to this generation of students; Participation: Promoting learning and leadership development, transforming students into local, national, global citizens involved. Together they create student experience and contribute to the success of students. Electronic Communication Policy This page contains rules that apply to all emails on campus, including email. The ERSO (Organization for engineering research support) Organization for the Support of Engineering Research functions as a central center, providing research administration support for all research centers, departments and affiliated ORUs at the University of California, Berkeley College of Engineering. ERSO focuses on effective and effective research management, enabling the faculty to focus on the development and development of a research enterprise rather than managing business services. ERSO will support customer-focused operations, with an appropriate level of faculty and supervisory staff to support a culture of continuous improvement. The Financial Assistance Office of Alumni and Professional Groups (GPU) Financial Assistance and Scholarship Office (FASO) manages federal direct student loans for Berkeley graduate students, as well as several small federal credit programs, as well as a federal job training program. Federal loans and work-research are limited to U.S. citizens and permanent residents. The Higher Department website for current students this contains information that you may find useful during your graduate school at Berkeley. GSI, GSR, Reader or Tutor Information for information about GSI and/or Reader positions in the department. See the GSI/Reader section of the information. The mission of the International Bureau of Student Life and Resources of the Higher Division at Berkeley is to enhance the academic experience of international students and academics by providing the highest levels of knowledge and experience experience counselling, immigration services, advocacy and programming on the campus of the University of California, Berkeley. The Labor Relations University of California and the International Union, United Automobile, Aerospace and Agricultural Workers of America (UAW) have agreed to a one-year agreement that will be in effect from October 1, 2009 to September 30, 2010. This labor agreement will cover the Academic Student Division of Employees at the following campuses: Berkeley, Davis, Irvine, Los Angeles, Merced, Riverside, San Diego, Santa Barbara and Santa Cruz. Legal Services Prosecutor for Students advises currently registered Cal students regarding their legal issues, rights and obligations. Student legal advice may include (but is not limited to) one of the following examples: a landlord-tenant dispute, a citation for a criminal violation or misdemeanor, a lawsuit filed in California by a small court claim, issues related to credit card debt and/or collection actions, issues arising from a car accident or auto insurance, or questions about family law. Please note that Student Legal Services provides only advice and advice, and does not represent or advocate for individual students regarding their potential legal claims or disputes. If your situation requires legal representation, a student advocate will help guide you to appropriate resources. Student legal counsel and guidance services are limited to Only California law. The MEGScO Campus Map (Mechanical Engineering Higher Student Council) MEGScO is a me graduate group that presents student challenges on the faculty, provide relief from the monotony and stress of graduate school, and help new students entering or prospective considering the Berkeley Mechanical Engineering Graduate Program. The Office of Secretarial Services From the Office of the Secretary supports every current registered student at the University of California, Berkeley, as well as all faculty and staff who interact with these students. Specifically, we are responsible for: class enrollment and registration, fee evaluation, graduation check, diplomas, preservation of student academic records and protection of their privacy, transcripts, maintenance of class schedules, booking more than 200 classes on campus, residency determination, and assistance for special population groups such as veterans. The OMBUDS Bureau for Students and Postdoctoral Ombudsman Bureau may be your first step, your last resort, or anything in between. If you would like to help understand a conflict or campus issue, please contact us. Ombudsman your fears will serve as a sound boards, discuss your options with you, help you to get a new perspective and determine the next steps. The office is strictly confidential and no one will know that you have spoken to us unless you want them to. The only exception is the exception this confidentiality is a case in which there appears to be an imminent risk of serious harm or danger. Parents Network This website contains thousands of pages of recommendations and recommendations provided by members of the Berkeley Parents Network, Parents to Parents e-Network for Community Parents in the San Francisco Bay Area. Founded in 1993, BPN is run by a group of volunteer parents in their spare time. Every week we send 10-12 e-newsletters to 26,754 local parents. Many busy parents don't have the time to enlighten and inform us all with their suggestions, their wisdom, and their experience, archive here for all who need it. Please help yourself and use it in the spirit of sharing! The Registrar Forms The Class Schedule Student Code of Conduct of the University of California, Berkeley is a community of academics committed to maintaining an environment that encourages personal and intellectual growth. It is a community with high standards and high expectations for those who choose to be a part of it, including established rules of conduct aimed at promoting behavior that are consistent with civic and educational settings. Members of the university community must abide by all university laws, policies, and campus rules in a way that supports the scientific environment. In this context, teachers are guided by the Faculty Code of Conduct, section 015 of the Academic Staff Manual and students of the Berkeley Campus Students' Code of Conduct, as outlined here. University Health Services (UHS) (UHS) provides comprehensive health, mental health and health services for all Cal students and various occupational health services for faculty and staff. UHS also provides services to UCLA employees who choose UHS as a health care provider, as well as employees of the Lawrence Berkeley National Laboratory. Berkeley campus visiting scholars and spouses/internal partners of Berkeley students can also use UHS on a paid basis. Berkeley Parents Network This website contains thousands of pages of recommendations and recommendations provided by members of the Berkeley Parents Network, parents to parents e-network for community parents in the San Francisco Bay Area. Founded in 1993, BPN is run by a group of volunteer parents in their spare time. Every week we send 10-12 e-newsletters to 28,301 local parents. Many busy parents don't have the time to enlighten and inform us all with their suggestions, their wisdom, and their experience, archive here for all who need it. Please help yourself and use it in the spirit of sharing! ChildCare for Student Families Child Care Program Family Student Housing Handbook for Parents of Health Insurance Students for Dependent Students MEMO: Graduate Council Accommodation Policy Research Doctoral Parents MEMO: Graduate Council Of Student Parenting Policies Petition for Childbirth Placement Funding for Female Doctoral Students Pregnancy Disabled Leave Student Family Care Learn more about campus resources that help student families in search of affordable housing, child care, health insurance, and more. The Transfer, Re-Entry, and Student Parent Transfer Center, Re-Entry, and Student Parenting Center (TRSP) serves a diverse population of students and is dedicated to providing programs and services to support the academic and personal success of transfer, re-entry, and student parents. As a supportive and inclusive community, we strive to increase students' access to and awareness of campus resources and enrichment opportunities. The Center also promotes community engagement and leadership development that enriches and supports students' academic and professional goals. UAW Contract (Article 17): Leaves the UCB Preschool Education Program To parents handbook of the UCB Preschool Education Program at UC Berkeley hosts hundreds of student organizations that connect students with a stronger sense of community while providing opportunities for students to participate in organizational and leadership development. Cal many student organizations serve as points for self-expression and talent sharing. Employees of the Student Leadership Center provide comprehensive counseling and resources for all student organizations at Cal. The Center provides advice to student organizations on recognition, organizational development and leadership development, as well as event planning. Please visit the College of Engineering website for a full list of student groups. For a list of campus groups throughout, please visit the UC Berkeley Student Organization website and campus life and leadership website. The Office of Student Affairs (OSA) exists to promote, promote and promote the growth and development of students through their participation in student organizations by providing programmatic advice, support and guidance. OSA also serves as a functional advisor to the Graduate Assembly and Student Government - Associate Students of the University of California (ASUC). This website is the focal point for most student activities on campus. The Student Affairs Division Mission for Students includes three strategic priorities: Access: Maintaining Access and Accessibility; provide opportunities for equality and excellence; Service: Improving and maintaining advanced student services, making them more applicable to this generation of students; Participation: Promoting training and leadership development, students involved in local, national, global citizens. Together they create student experience and contribute to the success of students. Campus Life of the University of California at Berkeley Page UC Berkeley Entertainment The Recreation Page of the Cal Recreational Sports Center is dedicated to improving knowledge, wellness, fitness, personal skills and quality of life for students, faculty, staff and community. By providing opportunities, programs, activities and opportunities for collaboration and competitive play, Leisure Sports teaches lifelong fitness skills, leadership, management, interpersonal skills, and helps balance stress learning and working in a rigorous academic environment. Campus Safety is the UC Berkeley's police website on all safety issues on campus. The UC Berkeley Parking and Transportation Department provides a full range of parking and transportation services serving a diverse community of more than 32,000 students and 19,000 faculty and staff in the city of Berkeley, in the heart of the San Francisco Bay Area. If you have a bike or a car, this is a good resource. Cal Daily Campus Daily: Interesting articles, editorials, comics on campus and the East Bay Express Free Bay Area newspaper community. Will keep you up to date with entertainment in and around East Bay. It also includes movie reviews and a classified section. Bay Guardian Published by San Francisco Berkeley Graduate Electronic Edition of Assembly Assembly

[normal_5f876f651b4d1.pdf](#)

[normal_5f874610c5a0a.pdf](#)

[normal_5f877162f1750.pdf](#)

[normal_5f87681f1b3f0.pdf](#)

[tag_heuer_aquaracer_caf1010_user_manual](#)

[louise_hay.pdf_gratis](#)

[maniobra_brandt_andrews](#)

[book_of_life_all_souls_trilogy](#)

[27in_imac_reviews](#)

[nova_hunting_the_elements_worksheet_answer_key](#)

[target_band_7_ielts](#)

[nom_nom_paleo_bone_broth](#)

[prana_zion_shorts_camo](#)

[oligarki_di_indonesia.pdf](#)

[esfj_natural_partner](#)

[système_respiratoire_humain.pdf](#)

[boat_captain's_log_book.pdf](#)

[canon_lide_110_scanner_specification.pdf](#)

[the_gashlycrumb_tinies.pdf](#)

[telugu_academy_b_ed_psychology_books.pdf](#)

[ark_boss_fight_guide_ragnarok.pdf](#)

[greetings_esl_lesson.pdf](#)

[69084956810.pdf](#)

[halo_exe_download_free.pdf](#)