

APPLICATION FOR CANDIDACY FOR DOCTORAL DEGREE - AERO/ASTRO

Name: _____ ID#: _____ *New [] Revised []*
 (Last) (First) Email: _____

Technical Electives 27 units of approved courses in advanced study in engineering, science, and mathematics (excluding research, directed study, and seminars) beyond the MS degree. These units must be taken for a letter grade, and all courses must be numbered 200 and above. **Note: One math course may be taken at the 100 level if approved by the advisor.** Must include 3 mathematics courses (a minimum of 9 units), with at least 6 units from courses numbered above 200.

Dept/Course # <i>sample: AA272</i>	Title <i>Global Positioning Systems</i>	Instructor <i>Gao</i>	Units <i>3</i>	Qtr/Yr <i>Wtr 20-21</i>	Math (X)	Minor (X)

Other (63 units of graduate-level courses; research/thesis, seminars, linguistics/English language, electives, minor units, etc.)

Dept/Course #	Title	Units	Dept/Course #	Thesis / Title	Units

B. Other Stanford Advanced Degree Programs Completed or in Progress
 (Consult the Bulletin for complete information on Residency unit requirements for multiple degrees)

Department	degree program	date completed/expected

Minor Department (if any): _____

C. Graduate Study at other Institutions. Use a Transfer of Residency form to receive residency credit.

Institution	dates attended	degree awarded

Student Services data entry: _____ Candidacy start date (date passed Qualls): _____

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The Application for Candidacy is due in the Aero/Astro Student Services Office before the end of the quarter in which you pass the Qualifying Examination. The form should be signed by the advisor and submitted to the Aero/Astro Student Services Office for the Candidacy Chairman's signature. Please keep a copy for your records. Changes can be filed at any time by submitting a revised Candidacy form. In order to graduate or go TGR, you must have completed all the units listed on your current Candidacy form.

Candidacy is valid for five years from the date of approval by the department unless terminated by the department (e.g., for unsatisfactory progress). This term is not affected by leaves of absence. The candidacy end date is listed on the student's record in Axxess. Students who are unable to graduate before their five years of candidacy expire may request a maximum of one additional year of candidacy per extension.

To declare a Ph.D. minor, consult with the minor department about their requirements; then *submit an Application for Ph.D. Minor to both major and minor departments for approval.*

A. Doctoral Course Requirements

Each individual Ph.D. program, designed by the student in consultation with the advisor, should represent a strong and cohesive program reflecting the student's major field of interest. Ph.D. candidates must complete a minimum of 135 units. Ph.D. candidates who received their MS from Stanford may count up to 45 units towards the 135 unit total. Students who received an MS degree at another institution may petition (through the university Registrar's Office) to transfer up to 45 units toward the 135 unit requirement.

Of the 90 units required beyond the MS, a student must complete a minimum of 27 units (including 9 units of mathematics) of approved courses in advanced study in engineering, science, and mathematics (excluding research, directed study, and seminars) beyond the MS degree. **These units must be taken for a letter grade, and all courses must be numbered 200 and above. Note: One math course may be taken at the 100 level if approved by the advisor.** The remainder of the 90 units may be in the form of either Ph.D. dissertation units or free electives. Units which were applied toward the M.S. degree cannot be used again. An advisor approved Ph.D. course proposal must be submitted when applying for Ph.D. candidacy.

Mathematics: Ph.D. students in Aeronautics and Astronautics must take 3 mathematics courses (a minimum of 9 units), with at least 6 units from courses numbered above 200. The Aero/Astro Department and the other engineering departments offer many courses that have sufficient mathematical content that they may be used to satisfy the mathematics requirement; a pre-approved list is included in this Guide, but there are many others which may be acceptable. Please consult with your advisor and the Aero/Astro Student Services Office before assuming that a particular course will be accepted in your own program.

Ph.D. Minor: If choosing to take a Ph.D. **minor** in another department, a maximum of 9 units from the minor program may be included in the 27 units of formal coursework; the remaining minor units may be considered free electives, and included within the 90 unit total (beyond the MS) required for the Aero/Astro Ph.D.

Academic Requirements: Every student should be familiar with the University's requirements for minimal progress as outlined in the Graduate Academic Policies and Procedures [GAP](#). A minimum cumulative grade point average (GPA) of 3.0 is required to fulfill the department's Ph.D., and to maintain satisfactory academic standing in the program. It is incumbent upon Ph.D. students to request letter grades in all courses listed on the Application for Candidacy form. Students must receive a passing grade, and maintain a minimum GPA of 3.0, on all courses listed on the Candidacy form.

Applicant's Signature: _____

Program Advisor Name: _____ Signature: _____ Date: _____

Diss/Rsch Advisor Name: _____ Signature: _____ Date: _____

Director of Graduate Studies Name: Stephen Rock Signature: _____ Date: _____