# Application for Individual Program of Studies (IPS)

**HARVEY MUDD COLLEGE**

**Office of the Registrar**
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**Student Name:** _____  **Student ID:** _____  **Class Of:** _____

**Intended Major:** _____

**Description and Intent of the IPS:**

Some students find that the majors offered at HMC do not meet their educational goals. As an alternative, any student may devise an individual program of study (IPS) designed to serve their academic interests. The student initiates an IPS program; it must be consistent with the nature and strengths of the college, but it may cross departmental and even college lines.

Many individual programs of study are interdisciplinary in nature. For example, a program may center on a field combining two of the traditional majors or on a field in science or engineering that is only partially covered by one of the majors. Alternatively, a program may seek to relate mathematics, physical science or engineering to an area of the humanities, social sciences, and the arts. As illustrations of these possibilities, students have designed programs in architecture, environmental studies, geology, and politics and technology.

**An individual program of study must have the following characteristics:**

**(1)** The program must be constructed predominantly from the disciplines of science and engineering and be consistent with the mission of Harvey Mudd College. It must differ from the other majors in a significant way and must have the approval of a faculty member and the Associate Dean for Academic Affairs. Each student in the program must have at least two faculty advisors, one from the humanities, social sciences, and the arts department and one from one of the technical departments.

**(2)** The program should contain at least 14 courses (minimum 42 credit hours) that make up a coherent set. Flexibility to choose among a large number of courses should not be at the expense of depth of concentration. Thus, at least two of the courses of this requirement should be taken in each of the last four semesters, and at least three of the courses should constitute a sequence.

**(3)** Like all majors, an IPS culminates in original research and design opportunities and includes a capstone experience of at least two courses.

**(4)** At least seven of the courses submitted under requirement (2) above must be taken at Harvey Mudd College.

**(5)** A student may not enter IPS after the sixth semester without prior approval from the Scholarly Standing Committee.

**Description of your proposed Individual Program of Studies (IPS):**

**Discussion of reasons for electing an IPS:**

**Reasons that your interests cannot be addressed within an established major at HMC:**

**Courses proposed for your IPS\*:**
**Minimum 14 courses/42 credits with at least 7 courses/21 credits at Harvey Mudd College**

| | Course Number | College | Course Title | Credits |
|---|---|---|---|---|
| 1) | | | | |
| 2) | | | | |
| 3) | | | | |
| 4) | | | | |
| 5) | | | | |
| 6) | | | | |
| 7) | | | | |
| 8) | | | | |
| 9) | | | | |
| 10) | | | | |
| 11) | | | | |
| 12) | | | | |
| 13) | | | | |
| 14) | | | | |
| *(Capstone)* 15) | | | | |
| *(Capstone )* 16) | | | | |
| | | | **Total** | |

\*These courses are proposed. Circumstances may require some substitutions with the approval of the appropriate advisors.

**Courses proposed to meet the HSA Requirements\*:**

| | Course Number | College | Course Title |
|---|---|---|---|
| 1) | | | |
| 2) | | | |
| 3) | | | |
| 4) | | | |
| 5) | | | |
| 6) | | | |
| 7) | | | |
| 8) | | | |
| 9) | | | |
| 10) | | | |

\*These courses are proposed. Circumstances may require some substitutions with the approval of the appropriate advisors. No more than four courses may be "double counted" to satisfy both the major and the humanities, social sciences and the arts requirements.

**I understand that in addition to completing the above courses, I will need to complete the minimum overall credit requirement to graduate, as well as successful completion of the Core Curriculum and HSA requirements.**


**Student Signature:** _____     **Date:** _____


**Required Signatures:**

*It is recommended that you obtain these in the order listed below.*

**IPS Major Advisor Name (Print):** _____


**IPS Major Advisor Signature:** _____     **Date:** _____


**2nd IPS Major Advisor Name (Print):** _____
*(Optional)*

**2nd IPS Major Advisor Signature:** _____     **Date:** _____


*If CS courses are listed on the form, CS Department Chair approval is required for any CS courses that are not yet completed.*

**CS Department Chair Name (Print):** _____
*(If applicable)*

**CS Department Chair Signature:** _____     **Date:** _____


**HSA Advisor Name (Print):** _____


**HSA Advisor Signature:** _____     **Date:** _____


**ADAA Name (Print):** _____
*(Associate Dean for Academic Affairs)*

**ADAA Signature:** _____     **Date:** _____


**Registrar Name (Print):** _____


**Registrar Signature:** _____     **Date:** _____