



Department of Industrial
and Systems Engineering
UNIVERSITY OF WISCONSIN-MADISON



Visiting International Students Program (VISP)

Department of Industrial and Systems Engineering (ISyE)

University of Wisconsin – Madison (UW-Madison)

Questions? Contact: Prof. Hantang Qin, email: hqin52@wisc.edu

Introduction of UW-Madison, Madison WI

- * UW-Madison is a public university in Madison, Wisconsin, founded in 1848.
- * >20000 faculty/staff, >45000 students (>10000 master/PhD students).
- * Ranked 28th worldwide by 2023 Center for World University Rankings (CWRU), 35th worldwide by 2024 US News.
- * 20 Nobel laureates, 41 Pulitzer Prize winners.
- * 39 members of the National Academy of Sciences, 20 members of the National Academy of Engineering, 68 American Academy of Arts and Sciences Fellows.

Location: Madison, WI (MSN airport in town)

- * Ranked top-3 “best city to live” in the U.S.
- * 1.5-hr driving distance to Milwaukee, 2-hr driving distance to Chicago (airport).
- * >10000 ethnic Chinese living in Madison, many Chinese grocery stores and restaurants.

Introduction of ISyE

- * Industrial and Systems Engineering, founded in 1966.
- * >20 faculty, >450 students (~90 master students, ~60 PhD students).
- * **National ranked 5th in graduate and 10th in undergraduate in Industrial Engineering by US News 2024.**
- * **Ranked 2nd Faculty Scholarly Productivity Index in the US.**
- * **Ranked 2nd Per Faculty research dollars among peers.**
- * Cover areas of: (1) Operations Research, Optimization and Analytics, (2) Health Systems Engineering, (3) Human Factors and Ergonomics, and (4) Advanced Manufacturing and Industrial AI.

VISP Thematic Track Industrial & Systems Engineering (VISP-ISyE) program

Introduction and Basic Information:

- * Program opens to undergraduate students with a strong background in statistics, math, mechanical / electrical engineering, programming, computer science, etc.
- * Expected entry to ISyE: Fall 2025 or Spring 2026. Students can choose to stay as exchange students 1 to 3 semesters. Each semester requires minimum 12 credits.
- * Credits will be transferred back to home institution. Students will earn the degree at home institution.
- * A maximum of 7 credits during the transfer period can be counted towards ISyE Master program. [This means a VISP-ISyE student can finish a Master degree within one-year.]
- * Cost: tuition ~\$20000/semester + \$2000/month expense.

Four types of scholarships provided by ISyE:

1. A one-time scholarship of \$2000 to each participant.
2. A scholarship of \$2500 to each participant with ISyE GPA>3.85 at the end of 1st semester.
3. \$2500 scholarship if the participant is admitted and enrolled to ISyE Master/PhD program.
4. A \$3000/semester scholarship equally splits among all participants in the same institution.

Example: a VISP-ISyE student can receive up to \$10000 scholarship support for a 1-semester study abroad.

Minimum requirements and how to apply:

- * GPA>3.0 (out of 4.0); English test – three options (TOEFL>80, IELTS>6.5, or Duolingo >105)
- * Docs: personal statement, CV, transcripts.
- * Application link: <https://visp.wisc.edu/thematic-isye/>





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美国 威斯康星大学-麦迪逊 (UW-Madison)

工业与系统工程系 Industrial and Systems Engineering (ISyE)

VISP-ISyE 国际访问学生项目

Questions? Contact: Prof. Hantang Qin, email: hqin52@wisc.edu

威斯康星大学-麦迪逊 (UW-Madison): 简介

- * UW-Madison 是美国老牌名校，建于1848年，坐落于威斯康星州首府麦迪逊市。
- * 拥有超过两万名教职工，超过四万五千名学生（其中超过一万名研究生）。
- * 在2023 CWRU里世界排名第28名，在2024 US News里世界排名第35名。
- * 截至2024年，产生了20位诺贝尔奖获得者，41位普利策奖获得者。
- * 拥有过39位美国科学院院士，20位美国工程院院士，68位美国艺术与科学院院士，13位美国医学院院士。

学校所在地: 麦迪逊市 (机场代码: MSN)

- * 连续多年全美最宜居城市前3名，治安良好。
- * 距离芝加哥 (机场) 仅2小时车程，距离密尔沃基市中心1.5小时车程。
- * 华人数量超过1万，周边设施完善，拥有众多中餐馆、亚洲超市，生活便利。

工业与系统工程 (ISyE): 简介

- * 工业与系统工程成立于1966年，是享有盛誉的老牌名系。
- * 拥有超过20名教授，超过450名学生 (其中约90名硕士生,60名博士生)。
- * **在US News 2024工业工程大类里，本科教育全美排名第10名，研究生教育全美排名第5名。**
- * **在教师学术生产力指数排名里，位居全美第2名。**
- * **在每位教师的研究经费排名里，位居同级别学校第2名。**
- * 涵盖研究领域: (1) Operations Research, Optimization and Analytics, (2) Health Systems Engineering, (3) Human Factors and Ergonomics, and (4) Advanced Manufacturing and Industrial AI.

VISP Thematic Track Industrial & Systems Engineering (VISP-ISyE) program

国际访问学生项目 (VISP-ISyE) 简介和基础信息:

- * 面对对象: 具有较强统计、数学、机械、控制、电气、计算机科学或其他理工学科 (如信息, 光电) 背景的本科生。
- * 工业与系统工程系入学时间: 2025年秋季或者2026年春季。学生可以自主选择交流学习1至3个学期。每学期最少需修12个学分。[推荐大二下, 大三、大四本科生]。
- * 该交流项目结束后, 学生交流时修得的学分转回原来所在学校, 毕业时获得原校的本科学位。
- * 如该交流项目学生继续申请威斯康星大学-麦迪逊工业与系统工程研究生项目, 该学生交换期间修得的学分, 最多可以转换7个学分到硕士学位。这意味着, 通过合理规划课程, 原本需要一年半完成的硕士课程可在一年内完成。
- * 费用: 学费约\$20000每学期, 生活开销约\$2000每月。

工业与系统工程系 (ISyE) 提供四种丰厚的奖学金机制:

(该奖学金机制是全美最优秀的奖学金之一)

1. 每位参与该项目的学生, 将获得一笔\$2000奖学金。
2. 如参与该项目的学生在第一个学期结束时GPA超过3.85, 将获得一笔\$2500的优秀成绩奖学金。
3. 如该交流项目学生本科毕业后, 继续申请ISyE的硕士或博士项目并成功入学, 将获得一笔\$2500奖学金。
4. 该项目合作学校每学期将获得总额\$3000奖学金, 平分到该校参加到该项目的所有学生。

VISP ISyE学生经努力学习, 最高可获得高达10000美元的奖学金支持, 用于国外学习的一学期。

申请要求和流程 (详情参见所在本科院校通知):

- * GPA高于3.0 (满分为4.0); 语言成绩 三选一 (托福 > 80, 雅思 > 6.5, 或 Duolingo > 105)
- * 所需文件: 个人陈述, 履历, 成绩单等。
- * 申请链接: <https://visp.wisc.edu/thematic-isye/>

