



NPSMA's New PSM Program Affiliation Process



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How We Got Here

Two governing bodies: NPSMA & Commission on Affiliation of PSM Programs (PSM National Office)

Commission at Keck Graduate Institute was closed

Commission duties transferred to NPSMA

Opportunity for NPSMA

Reduce confusion between role of NPSMA (membership) and Commission (affiliation, data, quality control)

More nimble and quicker decision making

Single voice for PSM

Stable and predictable financial model

Reduced cost to NPSMA members

Streamlined and efficient affiliation/re-affiliation process

PSM Reaffiliation Application

The reaffiliation application has seven parts.

Part 1: Program Information.

Part 2: STEM information.

Part 3: Professional Competencies (*Document upload*).

Part 4: Foundational and Transferable Skills.

Part 5: Research and Work-Based Learning

Part 6. Engagement with PSM Community.

Part 7: Letter of Support (*Document upload*).

Parts 2-5 align with the competency elements of an ideal M.S. degree as recommended by the Council of Graduate Schools and the National Academies of Science, Engineering and Medicine. Career readiness competencies are also informed by the National Association of Colleges and Employers.

Required application elements are asterisked; requested optional elements represent best practices but are not mandatory for program approval.

For more information about the details of each of these elements, please see the FAQ.

PART 1. PROGRAM INFORMATION

Programs must be institutionally approved before being eligible for PSM affiliation.

University Name:

Program Name:

Program Director Name and Title:

Director's Email Address

Director's Phone Number

Director's Mailing Address

Optional Secondary Program Contact Name

Secondary Contact's Title

Secondary Contact's Email Address

Secondary Contact's Phone Number

Provide the year the degree program was approved to admit students.

PROGRAM Web Address

Delivery Method

Please select the delivery method that best describes your program.

- Fully in person
- <25% online
- 25-50% online
- >50% online
- Fully online

How many students have graduated your program (total number of alumni)?

How many students are currently enrolled in your program?

GradEdge

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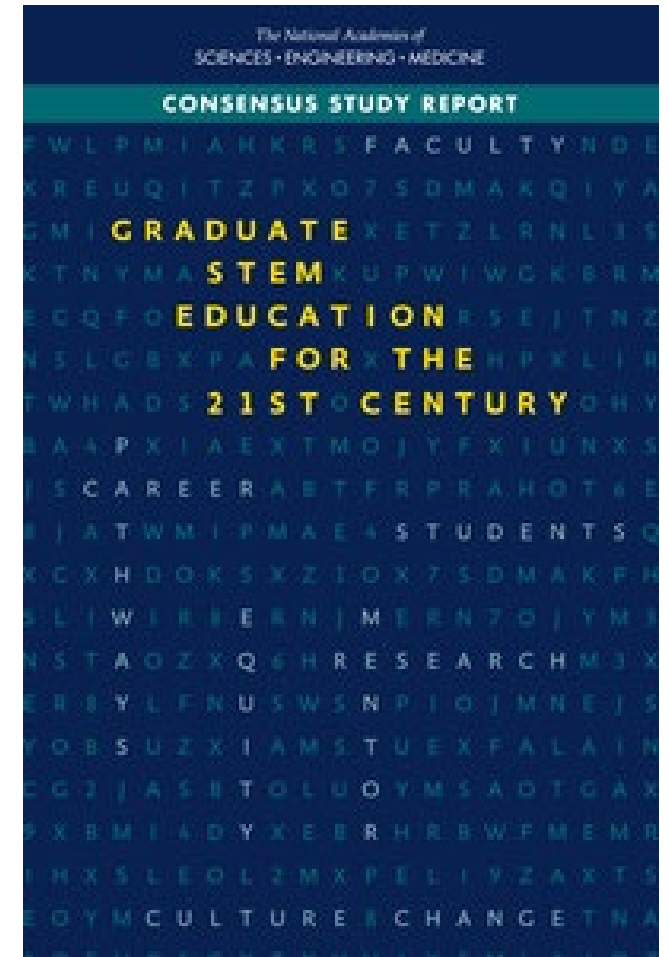
The Alignment Framework for the Master's Degree

Robert Augustine, Senior Vice President, Council of Graduate Schools

In January of 2016, the Council of Graduate Schools reported that 18 deans from across the United States convened to launch the Project on the Master's Degree. The committee initiated its study by posing questions about master's degrees that remained unanswered even after several decades of research. The committee's work culminated in the development of the *Alignment Framework for the Master's Degree*. This article summarizes the questions, the emerging answers, the important findings, and future directions for a project that has piqued the interest of many in and beyond the graduate community during the past year.

Alignment of PSM Program Design and Recognition with National Core Competency Recommendations

*see fall 2019 issue of **The INNOVATOR** for more information*



National Academies of Sciences, Engineering, and Medicine. 2018. Graduate STEM Education for the 21st Century. Washington, DC: The National Academies Press. <https://doi.org/10.17226/25038>.

Chapter 4. The Master's Degree

PART 2. PSM CORE ELEMENTS: STEM Information

PSM graduates should develop core disciplinary knowledge and an ability to work between disciplines.

Programs must have a majority of STEM (Science, Technology, Engineering, Mathematics) courses to be eligible for PSM affiliation.

Are the majority of your program courses from STEM disciplines?

Select the STEM Field for website listing

- Agricultural Sciences, Food Sciences, Nutrition
- Biotechnology, Biomedical Sciences, Pharmaceutical Sciences
- Computer Sciences, Big Data, Analytics, UXD
- Engineering
- Environmental Sciences, Ocean Sciences, Sustainability
- Financial Mathematics, Statistics, Actuarial
- Forensic Sciences, Cybersecurity
- Physical Sciences, Chemical Sciences

Interdisciplinary Knowledge

Does your program curriculum include courses from multiple departments or schools?

Response is for informational purposes only and is not part of the evaluation process.

PART 3. PSM CORE ELEMENTS: Professional Competencies

PSM students should explore career options and develop abilities defined by a given profession.

Programs must have an external employer advisory board. Please upload a list of your board members with their organizational affiliations.

Attach file

Degree program and/or course learning objectives are **required in at least one of the following professional competency areas.**

Please **select all** of the following that are offered as part of your program.

- Business practices/finances/budgeting
- Ethics/Responsible Conduct of Research
- Legal/Intellectual Property/Entrepreneurship
- Policy
- Regulatory Affairs
- Other

If you checked "other" above, please describe these.

Are any of these offered as part of your program?

Response is for informational purposes only and is not part of the evaluation process.

- Certificates
- Microcredentials
- Licenses

PART 4. PSM CORE ELEMENTS: Foundational and Transferable Skills

PSM students should develop skills that transcend disciplines and are widely applicable.

Degree program and/or course learning objectives are **required in at least one of the following foundational and transferable skills.**

Please **select all** of the following that are offered in your program.

- Communication skills (oral and written)
- Laboratory management
- Leadership/Management
- Project management
- Public presentations
- Teamwork
- Problem solving/Analytical and critical thinking
- Data Science
- Other

If you checked "other" above, please describe these.

PART 5. PSM CORE ELEMENTS:

Research and Work-Based Learning

PSM students should develop the ability to apply the scientific method, statistical analysis; gain experience in conducting research/field studies; engage in work-based learning and research in a mentored setting.

At least one of the following research elements must be part of your program.

Please **select all** that may apply to your program.

- Internships
- Co-ops
- Capstone projects
- Independent study or research projects
- Thesis or final report

PART 6. Program leadership development and engagement

PSM Program leaders are expected to engage with the PSM community for the mutual benefit of all PSM programs and institutions.

Reaffiliation requires a **minimum of one activity over the prior three years.**

Please **select all** that apply.

- Attended NPSMA Conference or Workshop
- Committee member
- Authored or reviewed articles for NPSMA publications
- PSM4RST8 participant
- Promoted the PSM at state, regional, national or international event
- "Ask NPSMA" call participant
- Other
- Not yet since this is a new director/program

PART 7. Letter of Support:

Please attach a **brief statement signed by the Program Director and appropriate Dean or Department Head confirming** institution:

- 1) accreditation and good standing and
- 2) commitment to the goals and educational elements of the PSM Program

Attach file

In submitting this information the Program agrees to periodically provide demographic information on current students and graduates.



Cost Comparisons of Old and New Affiliation Models

The NPSMA will send an invoice each year.

NEW PSM PROGRAM, NO OTHERS AT THE UNIVERSITY

Year	Old Model, <10 FTE	Old Model, 10-49 FTE	New Model
Year 0	\$1000 for affiliation review and decision	\$1000 for affiliation review and decision	\$0
Annual in Years 1-5	\$500 for affiliation and \$500 for NPSMA Membership	\$500 for affiliation and \$1000 for NPSMA Membership	\$500
Total 5 Year Cost	\$6,000	\$8,500	\$2,500

EXISTING PSM PROGRAMS, FOUR TOTAL PROGRAMS AT THE UNIVERSITY

Annual in Years 1-5	\$2000 for affiliation (\$500 per program) and \$500 for NPSMA Membership	\$2000 for affiliation (\$500 per program) and \$1000 for NPSMA Membership	\$2,000**
Total 5 Year Cost	\$12,500	\$15,000	\$10,000

** Fees are capped at \$2,000 for universities with more than 4 PSM programs; universities with less than 4 pay fees of \$500 per program.