



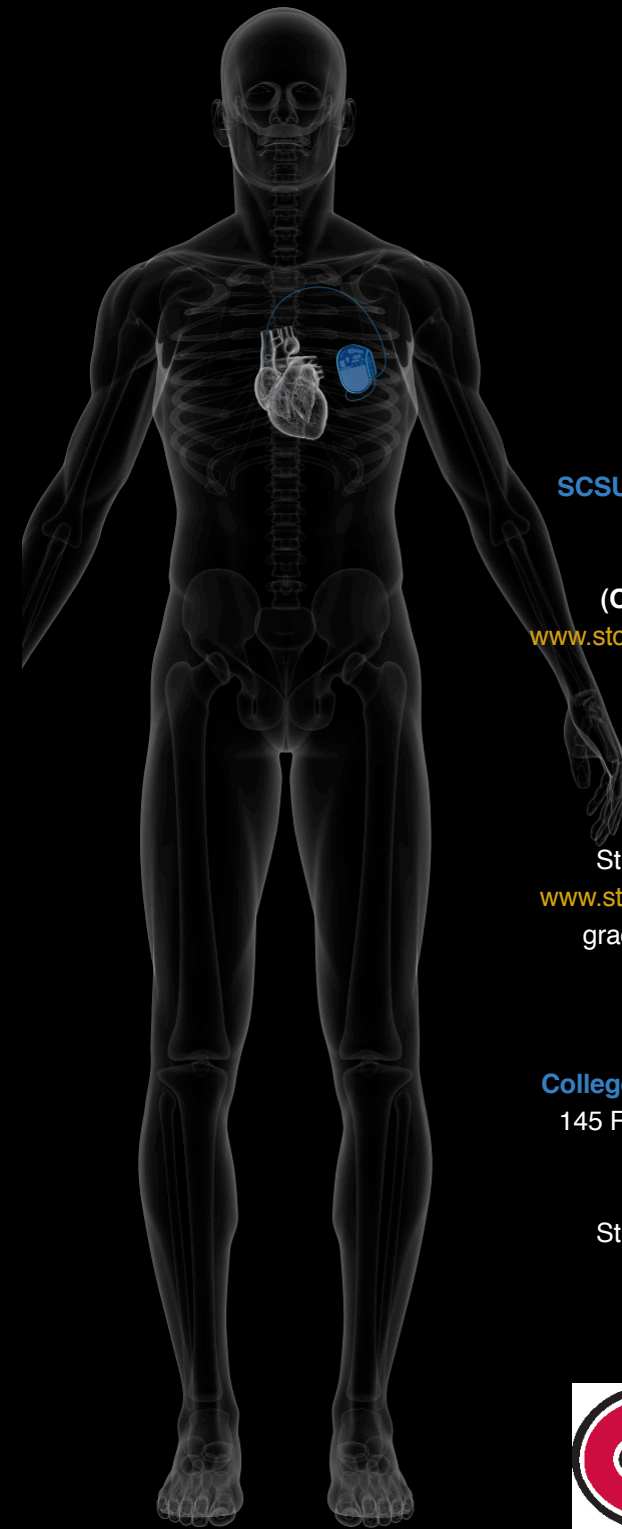
The RAS Program is designed for working professionals with classes offered evenings and weekends at the SCSU Twin Cities Graduate Center in Maple Grove.

SCSU Twin Cities Graduate Center
6401 Sycamore Court N.
Maple Grove, MN 55369
(Off Bass Lake Road and I-494)
www.stcloudstate.edu/tcgraduatecenter

The program is organized to be completed in six semesters over two years.

For more information, visit:
www.msras.com
or contact us at
ras@stcloudstate.edu
320-308-2167

ST. CLOUD STATE UNIVERSITY



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Maple Grove, MN 55369
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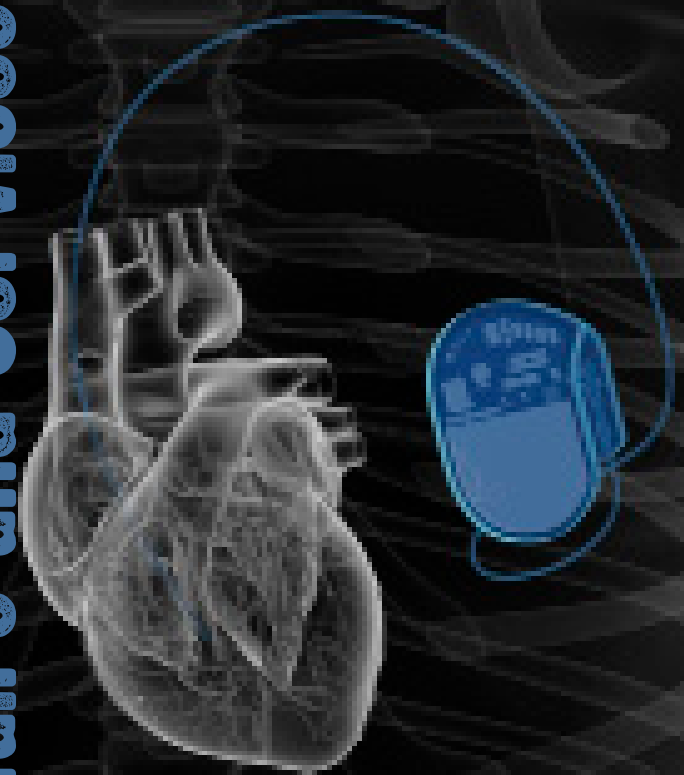
School of Graduate Studies
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Master of Science in Regulatory Affairs and Services



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Master of Science in Regulatory Affairs and Services

M.S. RAS Program Instructors

Announcing the Newly Revised RAS Curriculum:

The RAS Program Curriculum has undergone a comprehensive review by the expert RAS Faculty and Advisory board with the objective to identify new courses and strengthen course content. The new RAS Program includes eight core and two elective classroom courses plus the culminating project. Electives allow students to better tailor their coursework to individual needs.

The new RAS program has been implemented starting in the fall 2010 with the new RAS cohort. Additional information is provided at www.msras.com.



"Participating in the RAS program at St Cloud State University opened an entirely new career path for me. Learning about the medical device regulatory profession was a challenging and engaging process. I have taken advantage of the opportunities and responsibilities that have come my way. None of this would have been possible without the knowledge that I obtained from the RAS program."

- Heather Taylor, 2009 Graduate

*Inaugural Cohort
Graduating Class,
August 2009*



COURSES (33 credits):

Regulatory Affairs and Clinical Trials

Core

RAS 621. Legal Basis for Medical Device Product Regulation	3 credits
RAS 623. Regulatory Routes to Market: 510(k)s	3 credits
RAS 625. Regulatory Routes to Market: PMAs	3 credits
RAS 627. International Regulatory Affairs: European Union, Eastern Europe, Canada and Australia	3 credits
RAS 631. IDE Regulations and Clinical Trial Design	4 credits

Electives

RAS 651. Regulation of Combination Products	3 credits
RAS 653. Ethics in Regulatory Affairs and Clinical Trials	3 credits
RAS 655. International Regulatory Affairs: Japan, Other Asia, Latin America and Middle East	3 credits

Quality Systems

Core

RAS 633. Quality Systems for Regulated Industry	3 credits
RAS 635. Regulatory Affairs Compliance	3 credits

Health Economics

Core

RAS 641. Health Policy and the Medical Technology Industry OR	3 credits
RAS 643. Reimbursement and Cost Management for Medical Technology	3 credits

Electives

Ras 657. Advanced Reimbursement and Cost Management for Medical Technology	3 credits
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Culminating Experience

Core

RAS 690. Regulatory Affairs Culminating Project	2 credits
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This course may be taken over one to two semesters, for a total of two credits. Required for degree completion.

To Apply: Visit the MSRAS web site application page:
<http://stcloudstate.edu/ras/apply.asp>

The regulatory affairs profession is critical to making safe and effective medical products available to patients worldwide.

Charles "Chuck" Swanson, Ph.D., Program Director
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Maria Brittle, Ph.D., RAC
Director, Regulatory — Nexxon MedSystems Inc.

Steve C de Baca
Vice President of Quality — Boston Scientific Corporation

Mark DuVal
President — DuVal and Associates, P.A.

Felix Friedman, M.S.
Director, Program Value Analytics — Optimum Health Care Solutions, a UnitedHealth Group Company

Peter Graven, Ph.D. Candidate
Health Care Res. & Adm. — University of Minnesota

Fred Halverson
Retired Vice President, Corporate Regulatory Strategy — Medtronic

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Principal Advisor — Regulatory and Clinical Research Institute, Inc. — RCRI

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Sr. Director, Corporate Regulatory and Clinical Affairs — Medtronic

Winifred Wu
Vice President, Regulatory Affairs and Vigilance — Medtronic Neuromodulation

More information of each of our instructors can be found online at:
www.msras.com