

Departmental Supplement

Student Academic Advising

Student Name	Student ID	Class Year
Major/Minor	Print name of Pre-Major Advisor or Current Advisor	

The purpose of academic advising is to assist you in accomplishing the following:

- Understand the nature and purpose of higher education
- Clarify your values and goals for your education
- Provide you with information about educational options, requirements, policies, and procedures.
- Plan an educational program consistent with your abilities and interests.
- Monitor and evaluate your own educational progress on a regular basis.
- Connect your particular educational needs and aspirations with the resources available at Smith.

With these goals in mind, the Picker Engineering Program seeks to match engineering majors/minors with faculty advisors. In order to assure quality advising for each student, faculty members have set a cap to ensure they do not advise too many students at one time. This means you may not be matched with your first choice, and you will be matched with someone who has time for you.

The following table provides information about faculty in the department to help with your selection. While there may be other intangibles that factor into your decision, such as comfort level or personality compatibility, it is important to remain open to faculty you may not (yet) know well but who are well-equipped to advise you.

Please rank your top **five choices** in the table below and submit the completed form to our Program Assistant in Ford Hall 155.

*More detailed bios are available on our website: <https://www.smith.edu/engineering/faculty.php>

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Rank	Name	Engineering & Research Areas*	Other Appointment & Interests
	Judith Cardell	Electrical Engineering, Electric Power Systems, Energy Policy, Renewable Energy, Technology and Policy.	Computer Science, JYA Advisor
	Glenn Ellis	Civil Engineering; Engineering Education; Geotechnical Engineering	Education Tau Beta Kappa Advisor
	Drew Guswa	Civil and Environmental Engineering; Hydrology and Water Resources	Environmental Science and Policy, Landscape Studies
	Susannah Howe	Civil Engineering; Engineering Design; Structural Engineering; Entrepreneurship	Center for Community Collaboration, Global Studies Center, SWE Advisor
	Niveen Ismail	Environmental Engineering	
	Michael Kinsinger	Chemical Engineering, Materials Science	
	Kevin Huang	Electrical Engineering - Systems, Controls, and Robotics	STEM outreach (particularly robotics)
	Borjana Mikic	Mechanical and Biomedical Engineering; Orthopedic Biomechanics	
	Sarah Moore	Bioengineering, Chemical Engineering, Protein Engineering	
	Paul Voss	Mechanical and Aerospace Engineering, Air Pollution & Atmospheric Transport; Air Quality	
	Susan Voss	Electrical Engineering, Biomedical Engineering Speech and Hearing	National Society of Black Engineers Advisor

Prematriculation Credit

Check here if you would like to apply **up to 16 credits (typically 4 courses)** of AB/IB/IC credit towards your engineering major. **Using these credits towards the engineering science major does not reduce the number of credits required for the Smith degree.** If an exam is not listed, that means that it cannot count toward the engineering requirements.

Check the credits below you would like to apply towards your **major.** **Do not check more than 4 boxes.**

Advanced Placement Exam (Score of 4 or 5)		EGR Requirement Satisfied
<input type="checkbox"/>	Biology	Additional Lab Science
<input type="checkbox"/>	Calculus AB	MTH 111
<input type="checkbox"/>	Calculus BC	MTH 111 & 112
<input type="checkbox"/>	Chemistry	CHM 111
<input type="checkbox"/>	Statistics	SDS 201
<input type="checkbox"/>	Physics C: Mechanics	PHY 117
<input type="checkbox"/>	Physics C: E&M	PHY 118

International Baccalaureate Higher Level Exam (Score of 5,6 or 7)		EGR Requirement Satisfied
<input type="checkbox"/>	Chemistry	CHM 111
<input type="checkbox"/>	Mathematics	MTH 111 & 112
<input type="checkbox"/>	Math Applications	SDS 201
<input type="checkbox"/>	Biology	Additional Lab Science

International Cambridge A Level Exam (Score of A or B)		EGR Requirement Satisfied
<input type="checkbox"/>	Chemistry	CHM 111
<input type="checkbox"/>	Mathematics	MTH 111 & 112
<input type="checkbox"/>	Biology	Additional Lab Science