

**Unofficial Academic Transcript for: Peter M. Solfest**

*This is NOT an official transcript. Courses which are in progress may also be included on this transcript.  
This transcript does not reflect the grades for repeated (excluded) courses.*

**Repeat Codes:**

*I = Course Repeated (included in GPA, cumulative totals, etc.)*

*E = Course Repeated (excluded from GPA, cumulative totals, etc.)*

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[Transfer Credit](#)   [Institution Credit](#)   [Transcript Totals](#)

**STUDENT INFORMATION**

**Student Type:**                      Graduated

**Curriculum Information****Current Program**

**College:**                                      College of Sciences & Arts

**Major and Department:**              Mathematical Sciences,  
Mathematical Sciences

\*\*\*Transcript type:WWWW is NOT Official \*\*\*

**DEGREES AWARDED**

**Degree awarded:**              Bachelor of Science                      **Degree Date:**              Apr 28, 2012

**Institutional Honors:**              Summa Cum Laude

**Curriculum Information****Primary Degree**

**College:**                                      College of Sciences & Arts

**Major:**    Physics

**Major:**    Mathematics

**Major Concentration:**                      Applied/Computational

**Degree awarded:**              Master of Science                      **Degree Date:**              Aug 16, 2014

**Curriculum Information****Primary Degree**

**College:**                                      College of Sciences & Arts

**Major:**    Mathematical Sciences

**Course Work w. Final Oral Exam:**              .

**TRANSFER CREDIT ACCEPTED BY INSTITUTION**      [-Top-](#)

**03-JUL-2008:** CEEB Advanced Placement

Subject	Course	Level	Title	Grade	Credit Hours	R
CH	1110	UG	University Chemistry I	CR	4.000	0.00
CH	1111	UG	University Chemistry Lab I	CR	1.000	0.00
CH	1120	UG	University Chemistry II	CR	4.000	0.00
MA	1160	UG	Calculus with Technology I	CR	4.000	0.00
MA	2160	UG	Calculus with Technology II	CR	4.000	0.00

**Total Earned Credits:** 17.000

\*\*\* Unofficial Transcript \*\*\*

**200801:** UNIV OF MINNESOTA TWIN CITIES

Subject	Course	Level	Title	Grade	Credit Hours	R
SS	9300L	UG	Approved SS HASS Elective	TR	1.000	0.00
UN	2002	UG	Institutions	TR	3.000	0.00

**Total Earned Credits:** 4.000

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**INSTITUTION CREDIT** [-Top-](#)**Term: Fall 2008****College:** College of Sciences & Arts**Major:** Physics**Additional Standing:** Dean's List

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
HU	2702	UG	Ethical Theory/Moral Problems	A	3.000	12.00	
MA	2330	UG	Introduction to Linear Algebra	A	3.000	12.00	
MA	3160	UG	Multivariable Calc with Tech	A	4.000	16.00	
PH	1160	UG	Honors Physics I - Mechanics	A	4.000	16.00	
PH	1161	UG	Intro Experimental Physics I	AB	1.000	3.50	
UN	1001	UG	Honors Perspectives on Inquiry	A	3.000	12.00	

\*\*\* Unofficial Transcript \*\*\*

**Term: Spring 2009****College:** College of Sciences & Arts**Major:** Physics**Additional Standing:** Dean's List

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
CS	1121	UG	Intro to Computer Science I	A	3.000	12.00	
EC	2001	UG	Principles of Economics	A	3.000	12.00	
MA	2710	UG	Intro to Statistical Analysis	A	3.000	12.00	

PH	1360	UG	Honors Physics II	A	2.000	8.00
PH	1361	UG	Intro Experimental Physics II	A	1.000	4.00
PH	2300	UG	Univ Physics III-Fluid/Thermo	A	2.000	8.00
UN	1002	UG	World Cultures	A	4.000	16.00

\*\*\* Unofficial Transcript \*\*\*

**Term: Fall 2009**

**College:** College of Sciences & Arts

**Major:** Physics

**Additional Standing:** Dean's List

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
CS	1122	UG	Intro to Computer Science II	A	2.000	8.00	
CS	1721	UG	Object Oriented Design	AB	1.000	3.50	
MA	3210	UG	Intro to Combinatorics	A	3.000	12.00	
MA	3530	UG	Intro to Differential Equat	A	3.000	12.00	
PE	0105	UG	Beginning Bowling	S	0.500	0.00	
PH	2010	UG	Sophomore Seminar	A	1.000	4.00	
PH	2260	UG	Honors Physics III	A	4.000	16.00	
PH	2261	UG	Intro Experimental Physics III	A	1.000	4.00	
SS	3600	UG	American Foreign Policy	A	3.000	12.00	

\*\*\* Unofficial Transcript \*\*\*

**Term: Spring 2010**

**College:** College of Sciences & Arts

**Major:** Physics

**Additional Standing:** Dean's List

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
ENT	2960	UG	Aerospace Enterprise	A	1.000	4.00	
MA	4410	UG	Complex Variables	A	3.000	12.00	
MA	4515	UG	Intro Partial Diff Equations	A	3.000	12.00	
PH	2230	UG	Electronics for Scientists	AB	4.000	14.00	
PH	2400	UG	Univ Phys IV-Waves/Modern Phys	AB	3.000	10.50	
PH	3300	UG	Thermo and Statistical Mech	A	3.000	12.00	

\*\*\* Unofficial Transcript \*\*\*

**Term: Summer 2010**

**College:** College of Sciences & Arts

**Major:** Physics

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
HU	2700	UG	Introduction to Philosophy	A	3.000	12.00	
MA	3310	UG	Intro to Abstract Algebra	A	3.000	12.00	

PE	0106	UG	Beginning Golf	S	0.500	0.00
PE	0113	UG	Disc Golf	S	0.500	0.00
PE	0122	UG	Softball	S	0.500	0.00
PE	0175	UG	Hiking	S	0.500	0.00
PH	1600	UG	Introductory Astronomy	A	2.000	8.00
UN	2001	UG	Revisions	AB	3.000	10.50

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**Term: Fall 2010**

**College:** College of Sciences & Arts

**Major:** Physics

**Additional Standing:** Dean's List

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
CS	2321	UG	Data Structures	A	3.000	12.00	
MA	4525	UG	Applied Vector & Tensor Math	A	3.000	12.00	
MA	4990	UG	Differential Geometry	A	3.000	12.00	I
PH	3110	UG	Theoretical Mechanics I	AB	3.000	10.50	
PH	3210	UG	Optics	A	3.000	12.00	
PH	3320	UG	Methods of Theoretical Physics	A	3.000	12.00	

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**Term: Spring 2011**

**College:** College of Sciences & Arts

**Major:** Physics

**Additional Standing:** Dean's List

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
MA	4610	UG	Numerical Linear Algebra	A	3.000	12.00	
MA	4990	UG	General Relativity	A	3.000	12.00	I
PH	3111	UG	Theoretical Mechanics II	A	3.000	12.00	
PH	3410	UG	Quantum Physics I	A	3.000	12.00	
PH	3480	UG	Advanced Physics Laboratory	AB	2.000	7.00	
PH	4630	UG	Particle Astrophysics	A	3.000	12.00	

\*\*\* Unofficial Transcript \*\*\*

**Term: Fall 2011**

**College:** College of Sciences & Arts

**Major:** Physics

**Additional Standing:** Dean's List

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
MA	4620	UG	Numerical Methods for PDEs	A	3.000	12.00	
PH	3411	UG	Quantum Physics II	A	3.000	12.00	

PH	4010	UG	Senior Physics Colloquium I	A	1.000	4.00
PH	4050	UG	Qualitative Methods in Physics	S	1.000	0.00
PH	4080	UG	Senior Research I	A	3.000	12.00
PH	4210	UG	Electricity and Magnetism I	A	3.000	12.00
PH	4390	UG	Computational Meth in Physics	A	2.000	8.00

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#### Term: Spring 2012

**College:** College of Sciences & Arts

**Major:** Physics

**Additional Standing:** Dean's List

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
MA	3450	UG	Introduction to Real Analysis	A	3.000	12.00	
MA	4208	UG	Optimization/Graph Algorithms	A	3.000	12.00	
PE	0148	UG	Beginning Skating	S	0.500	0.00	
PH	4011	UG	Senior Physics Colloquium II	A	1.000	4.00	
PH	4081	UG	Senior Research II	A	3.000	12.00	
PH	4211	UG	Electricity and Magnetism II	A	3.000	12.00	
SS	3990	UG	Comparative Politics	A	3.000	12.00	

\*\*\* Unofficial Transcript \*\*\*

#### Term: Fall 2012

**College:** College of Sciences & Arts

**Major:** Mathematical Sciences

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
MA	4330	GR	Linear Algebra	A	3.000	12.00	
MA	5510	GR	Ordinary Diff Equations	A	3.000	12.00	
MA	5901	GR	Teaching College Mathematics I	A	3.000	12.00	

\*\*\* Unofficial Transcript \*\*\*

#### Term: Spring 2013

**College:** College of Sciences & Arts

**Major:** Mathematical Sciences

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
MA	5627	GR	Numerical Linear Algebra	A	3.000	12.00	
MA	5628	GR	Numerical ODEs	A	3.000	12.00	
MA	5630	GR	Numerical Optimization	A	3.000	12.00	

\*\*\* Unofficial Transcript \*\*\*

**Term: Summer 2013****College:** College of Sciences & Arts**Major:** Mathematical Sciences

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
MA	5999	GR	Graduate Research in Math	P	1.000	0.00	

\*\*\* Unofficial Transcript \*\*\*

**Term: Fall 2013****College:** College of Sciences & Arts**Major:** Mathematical Sciences

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
MA	5565	GR	Partial Differential Equations	A	3.000	12.00	
MA	5580	GR	Topics in Applied Mathematics	A	3.000	12.00	
MA	5999	GR	Graduate Research in Math	S	3.000	0.00	

\*\*\* Unofficial Transcript \*\*\*

**Term: Spring 2014****College:** College of Sciences & Arts**Major:** Mathematical Sciences

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
MA	5524	GR	Functional Analysis	A	3.000	12.00	
MA	5629	GR	Numerical PDEs	A	3.000	12.00	
MA	5999	GR	Graduate Research in Math	P	2.000	0.00	
PH	4395	GR	Computer Simulation in Physics	A	3.000	12.00	

\*\*\* Unofficial Transcript \*\*\*

**Term: Summer 2014****College:** College of Sciences & Arts**Major:** Mathematical Sciences

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
MA	5999	GR	Graduate Research in Math	P	1.000	0.00	

\*\*\* Unofficial Transcript \*\*\*

**TRANSCRIPT TOTALS (GRADUATE)** [-Top-](#)

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
<b>Total Institution:</b>	40.000	36.000	36.000	33.000	132.00	4.00
<b>Total Transfer:</b>	0.000	0.000	0.000	0.000	0.00	0.00
<b>Overall:</b>	40.000	36.000	36.000	33.000	132.00	4.00

\*\*\* Unofficial Transcript \*\*\*

**TRANSCRIPT TOTALS (UNDERGRADUATE)** [-Top-](#)

	<b>Attempt Hours</b>	<b>Passed Hours</b>	<b>Earned Hours</b>	<b>GPA Hours</b>	<b>Quality Points</b>	<b>GPA</b>
<b>Total Institution:</b>	152.000	152.000	152.000	148.000	583.50	3.94
<b>Total Transfer:</b>	0.000	0.000	21.000	0.000	0.00	0.00
<b>Overall:</b>	152.000	152.000	173.000	148.000	583.50	3.94

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[Overall Financial Aid Status](#)   [Financial Aid Eligibility Menu](#)